



**MODEL 480
490**

CRT TESTER/REJUVENATOR

**SETUP
CHART
and
CONDENSED
INSTRUCTIONS**

**ALSO FOR USE WITH
MODELS 467 & 470**

CAUTION

Do not apply power to the chassis at any time during the test of a CRT. Completely discharge high voltage (anode) supply of CRT before connecting to tester

1. Set G1 to 50 V, except . . .
 CRTs marked with (@), set G1 to 100 V.
 CRTs marked with (*), set G1 to 70 V.
 CRTs marked with (**), set G1 to 30 V.
 CRTs marked with (@@), 467 & 490 set G1 to 30 V, 470 & 480 set G1 to 20 V.
2. CRTs marked with (#), Red and Green guns interchanged (test Red gun with Green controls, and vice versa).
 CRTs marked with (##), Red and Blue guns interchanged (test Red gun with Blue controls, and vice versa.)
3. Adapters not supplied with tester are available on special order.
4. Prefix and suffix letters were deleted from CRT types, unless otherwise specified (e.g., MV13VAHP22 is tested as 13VAHP22 and 25BP22A is tested as 25BP22, A36JAR50X09 is tested as A36JAR50X, etc.).
5. CRTs with integral convergence assemblies, whose designation terminates with TC01 or TC02, instead of P22, are tested in the same manner (e.g., 19VDKTC01 is tested as 19VDKP22).
6. Unless otherwise noted, test monochrome CRTs (includes green, amber, black & white CRTs, etc., as well as most projection CRTs) on the RED/B&W position.
7. This issue adds over 100 new CRT types using Adapters CR-1 thru CR-45, CR-70, and CR-71.

Notes:

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| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
|-----------|--------|----|-----------|--------|----|----------|--------|----|-----------|--------|----|------------|--------|----|
| 6ABP1 | 6.3 | 29 | 13VAFP22 | 6.3 | 16 | 14BFP22 | 6.3 | 3 | 15TP22 | 6.3 | 3 | 16VAHP22 | 6.3 | 3 |
| 6ABP55 | 6.3 | 29 | 13VAGP22 | 6.3 | 16 | 14VABP22 | 6.3 | 3 | 15UP22 | 6.3 | 3 | 16VAKP22 | 6.3 | 3 |
| 6ABP56 | 6.3 | 29 | 13VAHP22 | 6.3 | 16 | 14VACP22 | 6.3 | 3 | 15VACP22* | 6.3 | 3 | 16VAMP22 | 6.3 | 3 |
| | | | 13VAKP22 | 6.3 | 1 | 14VADP22 | 6.3 | 3 | 15VADP22 | 6.3 | 1 | 16VANP22 | 6.3 | 3 |
| 9VACP22 | 6.3 | 15 | 13VAMP22 | 6.3 | 18 | 14VAEP22 | 6.3 | 3 | 15VAEP22 | 6.3 | 18 | 16VASP22 | 6.3 | 3 |
| 9VBAP22 | 6.3 | 25 | 13VATP22 | 6.3 | 14 | 14VAFP22 | 6.3 | 3 | 15VAFP22 | 6.3 | 1 | 16VATP22 | 6.3 | 3 |
| | | | 13VAUP22 | 6.3 | 18 | 14VAGP22 | 6.3 | 3 | 15VAGP22 | 6.3 | 16 | 16VAUP22 | 6.3 | 3 |
| 10VABP22# | 6.3 | 4 | 13VAVP22 | 6.3 | 16 | 14VAHP22 | 6.3 | 3 | 15VAHP22 | 6.3 | 16 | 16VAWP22 | 6.3 | 4 |
| 10VADP22# | 6.3 | 4 | 13VAWP22 | 6.3 | 16 | 14VAJP22 | 6.3 | 3 | 15VALP22 | 6.3 | 1 | 16VAXP22 | 6.3 | 3 |
| 10VAHP22 | 6.3 | 16 | 13VAYP22 | 6.3 | 24 | 14VAKP22 | 6.3 | 3 | 15VAMP22 | 6.3 | 1 | 16VBDP22 | 6.3 | 4 |
| 10VLYP22 | 6.3 | 18 | 13VBAP22 | 6.3 | 20 | 14VALP22 | 6.3 | 3 | 15VARP22 | 6.3 | 25 | 16VBEP22 | 6.3 | 3 |
| | | | 13VBEP22 | 6.3 | 25 | 14VAMP22 | 6.3 | 3 | 15VASP22 | 6.3 | 16 | 16VBFP22 | 6.3 | 3 |
| 11SP221 | 3.8 | 12 | 13VBFP22 | 6.3 | 25 | 14VANP22 | 6.3 | 3 | 15VATP22 | 6.3 | 23 | 16VBGP22 | 6.3 | 3 |
| 11WP221 | 3.8 | 12 | 13VBGP22 | 6.3 | 16 | 14VAQP22 | 6.3 | 3 | 15VAWP22 | 6.3 | 25 | 16VBHP22 | 6.3 | 3 |
| | | | 13VBHP22 | 6.3 | 25 | | | | 15VAYP22 | 6.3 | 24 | 16VBMP22 | 6.3 | 4 |
| 12DCP22 | 6.3 | 3 | 13VBJP22 | 6.3 | 24 | 15ABP22 | 6.3 | 3 | 15VAZP22* | 6.3 | 25 | 16VBSP22 | 6.3 | 4 |
| 12VADP22 | 6.3 | 3 | 13VBLP22 | 6.3 | 23 | 15ACP22 | 6.3 | 3 | 15WP22 | 6.3 | 3 | 16VEMP22 # | 6.3 | 4 |
| 12VAHP22 | 6.3 | 3 | 13VBMP22 | 6.3 | 20 | 15AEP22 | 6.3 | 3 | 15XP22 | 6.3 | 3 | 16VEP22 | 6.3 | 3 |
| 12VAJP22 | 6.3 | 3 | 13VBNP22* | 6.3 | 20 | 15AFP22 | 6.3 | 3 | 15YP22 | 6.3 | 4 | | | |
| 12VALP22 | 6.3 | 3 | 13VBRP22 | 6.3 | 25 | 15AGP22 | 6.3 | 3 | 15ZP22 | 6.3 | 3 | 17EJP22 | 6.3 | 2 |
| 12VARP22 | 6.3 | 3 | 13VBSP22 | 6.3 | 24 | 15AHP22 | 6.3 | 3 | | | | 17ENP22 | 6.3 | 2 |
| 12VASP22 | 6.3 | 3 | 13VBTP22 | 6.3 | 16 | 15AJP22 | 6.3 | 3 | 16CBP22 | 6.3 | 3 | 17ETP22 | 6.3 | 3 |
| 12VATP22 | 6.3 | 3 | 13VBUP22 | 6.3 | 25 | 15AP22 | 6.3 | 3 | 16CDP22 | 6.3 | 3 | 17EVP22 | 6.3 | 3 |
| 12VBEP22 | 6.3 | 3 | 13VBWP22 | 6.3 | 20 | 15FP22 | 6.3 | 3 | 16CSP22 | 6.3 | 3 | 17EXP22 | 6.3 | 4 |
| | | | 13VCAP22 | 6.3 | 25 | 15KP22 | 6.3 | 3 | 16CYP22 | 6.3 | 3 | 17EZP22 | 6.3 | 3 |
| 13BEP22 | 6.3 | 18 | 13VCBP22 | 6.3 | 25 | 15LP22 | 6.3 | 3 | 16DAP22 | 6.3 | 3 | 17FAP22 | 6.3 | 3 |
| 13GP22 | 6.3 | 3 | | | | 15MP22 | 6.3 | 4 | 16VABP22 | 6.3 | 3 | 17FBP22 | 6.3 | 3 |
| 13JP22 | 6.3 | 3 | 14AFP22 | 6.3 | 3 | 15NP22 | 6.3 | 3 | 16VACP22 | 6.3 | 3 | 17FEP22 | 6.3 | 3 |
| 13LP22 | 6.3 | 3 | 14AQP22* | 6.3 | 3 | 15QP22 | 6.3 | 3 | 16VADP22 | 6.3 | 3 | 17FGP22 | 6.3 | 3 |
| 13MP22 | 6.3 | 3 | 14BCP22 | 6.3 | 2 | 15RP22 | 6.3 | 3 | 16VAEP22 | 6.3 | 3 | 17FHP22 | 6.3 | 3 |
| 13VAEP22 | 6.3 | 3 | 14BEP22 | 6.3 | 3 | 15SP22 | 6.3 | 3 | 16VAFP22 | 6.3 | 3 | 17FJP22 | 6.3 | 4 |

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17FKP22 — 19VAZP22

| Type | Heater | CR |
|----------|--------|----|----------|--------|----|----------|--------|----|----------|--------|----|----------|--------|----|
| 17FKP22 | 6.3 | 3 | 17VBQP22 | 6.3 | 16 | 18VBEP22 | 6.3 | 3 | 19HCP22 | 6.3 | 3 | 19JVNP22 | 6.3 | 22 |
| 17FVP22* | 6.3 | 3 | 17VBRP22 | 6.3 | 16 | 18VBF22 | 6.3 | 3 | 19HDP22 | 6.3 | 3 | 19JVP22 | 6.3 | 3 |
| 17JP22 | 6.3 | 4 | 17VBS22 | 6.3 | 16 | 18VBP22 | 6.3 | 3 | 19HFP22 | 6.3 | 3 | 19JWP22 | 6.3 | 3 |
| 17VABP22 | 6.3 | 3 | 17VBTP22 | 6.3 | 24 | 18VBHP22 | 6.3 | 3 | 19HJP22 | 6.3 | 3 | 19JXP22 | 6.3 | 1 |
| 17VACP22 | 6.3 | 3 | 17VBUP22 | 6.3 | 16 | 18VBJP22 | 6.3 | 3 | 19HKP22 | 6.3 | 3 | 19JYP22 | 6.3 | 3 |
| 17VADP22 | 6.3 | 3 | 17VBWP22 | 6.3 | 16 | 18VBKP22 | 6.3 | 3 | 19HLP22 | 6.3 | 3 | 19JZP22 | 6.3 | 3 |
| 17VAEP22 | 6.3 | 3 | 17VBXP22 | 6.3 | 16 | 18VBMP22 | 6.3 | 3 | 19HMP22 | 6.3 | 3 | 19KAP22 | 6.3 | 3 |
| 17VAFP22 | 6.3 | 3 | 17VBYP22 | 6.3 | 24 | 18VBNP22 | 6.3 | 3 | 19HNP22 | 6.3 | 3 | 19KBP22 | 6.3 | 3 |
| 17VAGP22 | 6.3 | 3 | 17VBZP22 | 6.3 | 24 | 18VBRP22 | 6.3 | 3 | 19HQ22 | 6.3 | 3 | 19KCP22 | 6.3 | 3 |
| 17VAHP22 | 6.3 | 27 | 17VCDP22 | 6.3 | 16 | 18VBS22 | 6.3 | 3 | 19HRP22 | 6.3 | 3 | 19KDP22 | 6.3 | 3 |
| 17VAJP22 | 6.3 | 3 | | | | 18VBT22 | 6.3 | 3 | 19HSP22 | 6.3 | 3 | 19KEP22 | 6.3 | 3 |
| 17VAKP22 | 6.3 | 3 | 18VABP22 | 6.3 | 3 | 18VBUP22 | 6.3 | 3 | 19HTP22 | 6.3 | 3 | 19KFP22 | 6.3 | 3 |
| 17VALP22 | 6.3 | 3 | 18VACP22 | 6.3 | 3 | 18VBWP22 | 6.3 | 3 | 19HVP22 | 6.3 | 3 | 19KGP22 | 6.3 | 3 |
| 17VAMP22 | 6.3 | 1 | 18VADP22 | 6.3 | 3 | 18VBXP22 | 6.3 | 3 | 19HWP22 | 6.3 | 3 | 19KHP22 | 6.3 | 3 |
| 17VANP22 | 6.3 | 1 | 18VAEP22 | 6.3 | 3 | 18VBP22 | 6.3 | 3 | 19HX22 | 6.3 | 3 | 19KJP22 | 6.3 | 3 |
| 17VAQP22 | 6.3 | 16 | 18VAFP22 | 6.3 | 3 | 18VDMP22 | 6.3 | 3 | 19HYP22 | 6.3 | 3 | 19KLP22 | 6.3 | 3 |
| 17VARP22 | 6.3 | 3 | 18VAGP22 | 6.3 | 3 | 19CD1000 | 6.3 | 3 | 19JAP22 | 6.3 | 3 | 19VABP22 | 6.3 | 2 |
| 17VASP22 | 6.3 | 3 | 18VAHP22 | 6.3 | 3 | 19CHP22 | 6.3 | 3 | 19JBP22 | 6.3 | 3 | 19VACP22 | 6.3 | 2 |
| 17VATP22 | 6.3 | 1 | 18VAJP22 | 6.3 | 3 | 19CJP22 | 6.3 | 3 | 19JCP22 | 6.3 | 3 | 19VADP22 | 6.3 | 14 |
| 17VAUP22 | 6.3 | 3 | 18VAKP22 | 6.3 | 3 | 19EWP22 | 6.3 | 3 | 19JDP22 | 6.3 | 3 | 19VAEP22 | 6.3 | 3 |
| 17VAWP22 | 6.3 | 3 | 18VALP22 | 6.3 | 3 | 19EXP22 | 6.3 | 3 | 19JEP22 | 6.3 | 3 | 19VAFP22 | 6.3 | 3 |
| 17VAXP22 | 6.3 | 16 | 18VAMP22 | 6.3 | 3 | 19EYP22 | 6.3 | 3 | 19JFP22 | 6.3 | 3 | 19VAGP22 | 6.3 | 3 |
| 17VAYP22 | 6.3 | 18 | 18VANP22 | 6.3 | 1 | 19FMP22 | 6.3 | 3 | 19JGP22 | 6.3 | 3 | 19VAJP22 | 6.3 | 3 |
| 17VAZP22 | 6.3 | 18 | 18VAQP22 | 6.3 | 3 | 19FXP22 | 6.3 | 3 | 19JHP22 | 6.3 | 3 | 19VAKP22 | 6.3 | 3 |
| 17VBAP22 | 6.3 | 16 | 18VARP22 | 6.3 | 3 | 19GDP22 | 6.3 | 3 | 19JKP22 | 6.3 | 3 | 19VAMP22 | 6.3 | 3 |
| 17VBCP22 | 6.3 | 16 | 18VASP22 | 6.3 | 3 | 19GLP22 | 6.3 | 3 | 19JLP22 | 6.3 | 3 | 19VANP22 | 6.3 | 3 |
| 17VBOP22 | 6.3 | 18 | 18VATP22 | 6.3 | 3 | 19GSP22 | 6.3 | 3 | 19JMP22* | 6.3 | 3 | 19VAQP22 | 6.3 | 3 |
| 17VBGP22 | 6.3 | 16 | 18VAWP22 | 6.3 | 3 | 19GVP22 | 6.3 | 3 | 19JNP22 | 6.3 | 3 | 19VATP22 | 6.3 | 3 |
| 17VBHP22 | 6.3 | 16 | 18VAXP22 | 6.3 | 3 | 19GWP22 | 6.3 | 3 | 19JQP22 | 6.3 | 3 | 19VAUP22 | 6.3 | 3 |
| 17VBJP22 | 6.3 | 1 | 18VAZP22 | 6.3 | 3 | 19GXP22 | 6.3 | 3 | 19JRP22 | 6.3 | 1 | 19VAWP22 | 6.3 | 3 |
| 17VBLP22 | 6.3 | 18 | 18VBAP22 | 6.3 | 3 | 19GY22 | 6.3 | 3 | 19JSP22 | 6.3 | 3 | 19VAXP22 | 6.3 | 3 |
| 17VBMP22 | 6.3 | 24 | 18VBCP22 | 6.3 | 3 | 19GZ22 | 6.3 | 3 | 19JTP22* | 6.3 | 23 | 19VAYP22 | 6.3 | 3 |
| 17VBNP22 | 6.3 | 20 | 18VBDP22 | 6.3 | 3 | 19HBP22 | 6.3 | 3 | 19JUP22* | 6.3 | 23 | 19VAZP22 | 6.3 | 3 |

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
|-----------|--------|----|----------|--------|----|----------|--------|----|------------|--------|----|----------|--------|----|
| 19VBAP22 | 6.3 | 3 | 19VDMP22 | 6.3 | 3 | 19VFLP22 | 6.3 | 1 | 19VJFP22 | 6.3 | 23 | 19VKZP22 | 6.3 | 16 |
| 19VBCP22 | 6.3 | 3 | 19VDNP22 | 6.3 | 3 | 19VFM22 | 6.3 | 1 | 19VJKP22 | 6.3 | 23 | 19VLAP22 | 6.3 | 3 |
| 19VBDP22 | 6.3 | 3 | 19VDQP22 | 6.3 | 3 | 19VFP22 | 6.3 | 3 | 19VJLP22 | 6.3 | 23 | 19VLBP22 | 6.3 | 25 |
| 19VBFP22 | 6.3 | 3 | 19VDRP22 | 6.3 | 1 | 19VFRP22 | 6.3 | 1 | 19VJMP22 | 6.3 | 23 | 19VLC22 | 6.3 | 25 |
| 19VBGP22 | 6.3 | 3 | 19VDS22 | 6.3 | 3 | 19VFS22 | 6.3 | 3 | 19VJNP22 | 6.3 | 20 | 19VLD22 | 6.3 | 23 |
| 19VBHP22 | 6.3 | 3 | 19VDT22 | 6.3 | 3 | 19VFX22 | 6.3 | 16 | 19VJP22 | 6.3 | 24 | 19VLE22 | 6.3 | 25 |
| 19VBJP22 | 6.3 | 3 | 19VDUP22 | 6.3 | 3 | 19VGB22 | 6.3 | 1 | 19VJQP22 | 6.3 | 25 | 19VLP22 | 6.3 | 23 |
| 19VBKP22* | 6.3 | 3 | 19VDWP22 | 6.3 | 3 | 19VGP22 | 6.3 | 20 | 19VJRP22 | 6.3 | 20 | 19VLH22 | 6.3 | 25 |
| 19VBLP22 | 6.3 | 1 | 19VDXP22 | 6.3 | 3 | 19VGK22 | 6.3 | 1 | 19VJSP22 | 6.3 | 3 | 19VLJP22 | 6.3 | 23 |
| 19VBQP22 | 6.3 | 3 | 19VDYP22 | 6.3 | 3 | 19VGL22 | 6.3 | 16 | 19VJTP22 | 6.3 | 23 | 19VLNP22 | 6.3 | 24 |
| 19VBFP22 | 6.3 | 3 | 19VDZP22 | 6.3 | 3 | 19VGM22 | 6.3 | 1 | 19VJUP22 | 6.3 | 23 | 19VLQP22 | 6.3 | 20 |
| 19VBSP22 | 6.3 | 3 | 19VEAP22 | 6.3 | 3 | 19VGN22 | 6.3 | 16 | 19VJVP22* | 6.3 | 23 | 19VLR22 | 6.3 | 22 |
| 19VBUP22 | 6.3 | 3 | 19VEBP22 | 6.3 | 3 | 19VGQ22 | 6.3 | 1 | 19VJWP22 | 6.3 | 24 | 19VLS22 | 6.3 | 25 |
| 19VBWP22 | 6.3 | 3 | 19VECP22 | 6.3 | 3 | 19VGR22 | 6.3 | 16 | 19VJXP22 | 6.3 | 25 | 19VLT22 | 6.3 | 23 |
| 19VCAP22 | 6.3 | 3 | 19VEDP22 | 6.3 | 3 | 19VGT22 | 6.3 | 16 | 19VJYP22 | 6.3 | 25 | 19VLUP22 | 6.3 | 24 |
| 19VCBP22 | 6.3 | 3 | 19VEFP22 | 6.3 | 3 | 19VGW22 | 6.3 | 1 | 19VKDP22 | 6.3 | 23 | 19VLWP22 | 6.3 | 23 |
| 19VCDP22* | 6.3 | 16 | 19VEGP22 | 6.3 | 3 | 19VGZ22 | 6.3 | 20 | 19VKEP22 | 6.3 | 23 | 19VLXP22 | 6.3 | 23 |
| 19VCEP22 | 6.3 | 3 | 19VEHP22 | 6.3 | 3 | 19VHP22 | 6.3 | 3 | 19VKFP22 | 6.3 | 24 | 19VLY22 | 6.3 | 25 |
| 19VCFP22 | 6.3 | 3 | 19VEJP22 | 6.3 | 18 | 19VHCP22 | 6.3 | 3 | 19VKGP22 | 6.3 | 24 | 19VLZ22 | 6.3 | 23 |
| 19VCNP22 | 6.3 | 3 | 19VEKP22 | 6.3 | 3 | 19VHDP22 | 6.3 | 1 | 19VKHP22 | 6.3 | 16 | 19VMAP22 | 6.3 | 23 |
| 19VCQP22 | 6.3 | 3 | 19VELP22 | 6.3 | 3 | 19VHFP22 | 6.3 | 18 | 19VKJP22 | 6.3 | 16 | 19VMBP22 | 6.3 | 23 |
| 19VCRP22 | 6.3 | 3 | 19VEQP22 | 6.3 | 1 | 19VHJP22 | 6.3 | 3 | 19VKKP22 | 6.3 | 16 | 19VMP22 | 6.3 | 23 |
| 19VCS22 | 6.3 | 3 | 19VES22 | 6.3 | 3 | 19VHNP22 | 6.3 | 16 | 19VKLP22 | 6.3 | 16 | 19VMDP22 | 6.3 | 20 |
| 19VCTP22 | 6.3 | 3 | 19VETP22 | 6.3 | 3 | 19VHSP22 | 6.3 | 20 | 19VKMP22 | 6.3 | 23 | 19VMEP22 | 6.3 | 20 |
| 19VCWP22 | 6.3 | 1 | 19VEUP22 | 6.3 | 3 | 19VHWP22 | 6.3 | 22 | 19VKNP22 | 6.3 | 3 | 19VMFP22 | 6.3 | 23 |
| 19VXCP22 | 6.3 | 3 | 19VEWP22 | 6.3 | 3 | 19VHP22 | 6.3 | 25 | 19VKP22* | 6.3 | 24 | 19VMGP22 | 6.3 | 23 |
| 19VCYP22 | 6.3 | 3 | 19VEZP22 | 6.3 | 3 | 19VHX22 | 6.3 | 16 | 19VKRP22 | 6.3 | 3 | 19VMHP22 | 6.3 | 23 |
| 19VDBP22 | 6.3 | 27 | 19VFAP22 | 6.3 | 3 | 19VHY22 | 6.3 | 24 | 19VKS22 | 6.3 | 23 | 19VMJP22 | 6.3 | 23 |
| 19VDCP22 | 6.3 | 16 | 19VFBP22 | 6.3 | 16 | 19VHZ22 | 6.3 | 25 | 19VKT22 | 6.3 | 3 | 19VMKP22 | 6.3 | 23 |
| 19VDFP22 | 6.3 | 3 | 19VFCP22 | 6.3 | 20 | 19VIB22 | 6.3 | 25 | 19VKUP22 | 6.3 | 23 | 19VMLP22 | 6.3 | 23 |
| 19VDJP22 | 6.3 | 24 | 19VFGP22 | 6.3 | 16 | 19VIBP22 | 6.3 | 25 | 19VKWP22 | 6.3 | 25 | 19VMNP22 | 6.3 | 23 |
| 19VDKP22 | 6.3 | 1 | 19VFKP22 | 6.3 | 3 | 19VJCP22 | 6.3 | 25 | 19VKXP22 | 6.3 | 20 | 19VMP22 | 6.3 | 23 |
| 19VDLP22 | 6.3 | 1 | | | | 19VJDP22 | 6.3 | 20 | 19VKYP22## | 6.3 | 28 | 19VMRP22 | 6.3 | 23 |

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19VBAP22 — 19VMRP22

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19VMSP22 — 23VCRP22

| Type | Heater | CR |
|----------|--------|----|----------|--------|----|----------|--------|----|----------|--------|----|----------|--------|----|
| 19VMSP22 | 6.3 | 23 | 21FBP22 | 6.3 | 2 | 21VBDP22 | 6.3 | 3 | 22EP22 | 6.3 | 2 | 23VAYP22 | 6.3 | 3 |
| 19VMTP22 | 6.3 | 25 | 21FJP22 | 6.3 | 2 | 21VBEP22 | 6.3 | 3 | 22GP22 | 6.3 | 3 | 23VAZP22 | 6.3 | 3 |
| 19VMYP22 | 6.3 | 23 | 21FKP22 | 6.3 | 2 | 21VBFP22 | 6.3 | 3 | 22JP22 | 6.3 | 3 | 23VBAP22 | 6.3 | 3 |
| 19VMZP22 | 6.3 | 23 | 21GFP22 | 6.3 | 3 | 21VBGP22 | 6.3 | 3 | 22KP22 | 6.3 | 3 | 23VBCP22 | 6.3 | 3 |
| 19VNAP22 | 6.3 | 23 | 21GLP22 | 6.3 | 3 | 21VBHP22 | 6.3 | 3 | 22LP22 | 6.3 | 3 | 23VBDP22 | 6.3 | 3 |
| 19VNBP22 | 6.3 | 23 | 21GNP22 | 6.3 | 3 | 21VBJP22 | 6.3 | 3 | 22QP22 | 6.3 | 3 | 23VBEP22 | 6.3 | 3 |
| 19VNCP22 | 6.3 | 23 | 21GRP22 | 6.3 | 3 | 21VBKP22 | 6.3 | 3 | 22RP22 | 6.3 | 3 | 23VBF22 | 6.3 | 3 |
| 19VNDP22 | 6.3 | 23 | 21GUP22 | 6.3 | 2 | 21VBMP22 | 6.3 | 16 | 22SP22 | 6.3 | 3 | 23VBGP22 | 6.3 | 3 |
| 19VNEP22 | 6.3 | 23 | 21GVP22 | 6.3 | 2 | 21VBNP22 | 6.3 | 20 | 22UP22 | 6.3 | 3 | 23VBHP22 | 6.3 | 3 |
| 19VNF22 | 6.3 | 20 | 21GWP22 | 6.3 | 3 | 21VBQP22 | 6.3 | 20 | 22VP22 | 6.3 | 3 | 23VBJP22 | 6.3 | 3 |
| 19VNGP22 | 6.3 | 23 | 21GXP22 | 6.3 | 2 | 21Y22 | 6.3 | 3 | 22WP22 | 6.3 | 3 | 23VBKP22 | 6.3 | 3 |
| 19VNJP22 | 6.3 | 23 | 21GYP22 | 6.3 | 2 | | | | 22XP22 | 6.3 | 3 | 23VBLP22 | 6.3 | 3 |
| 19VP22 | 6.3 | 3 | 21GZP22 | 6.3 | 2 | 22ABP22 | 6.3 | 3 | 22YP22 | 6.3 | 3 | 23VBMP22 | 6.3 | 3 |
| | | | 21HAP22 | 6.3 | 2 | 22ACP22 | 6.3 | 3 | | | | 23VBNP22 | 6.3 | 3 |
| 20VABP22 | 6.3 | 3 | 21HBP22 | 6.3 | 3 | 22ADP22 | 6.3 | 3 | 23BALP22 | 6.3 | 3 | 23VBRP22 | 6.3 | 3 |
| 20VACP22 | 6.3 | 3 | 21VABP22 | 6.3 | 3 | 22AEP22 | 6.3 | 3 | 23BP22 | 6.3 | 3 | 23VBSP22 | 6.3 | 3 |
| 20VADP22 | 6.3 | 3 | 21VACP22 | 6.3 | 3 | 22AGP22 | 6.3 | 3 | 23EGP22 | 6.3 | 3 | 23VBTP22 | 6.3 | 3 |
| 20VAEP22 | 6.3 | 3 | 21VADP22 | 6.3 | 3 | 22AHP22 | 6.3 | 3 | 23VABP22 | 6.3 | 3 | 23VBUP22 | 6.3 | 3 |
| 20VAFP22 | 6.3 | 3 | 21VAEP22 | 6.3 | 3 | 22AJP22 | 6.3 | 3 | 23VACP22 | 6.3 | 3 | 23VBWP22 | 6.3 | 3 |
| 20VAGP22 | 6.3 | 3 | 21VAFP22 | 6.3 | 3 | 22ALP22 | 6.3 | 3 | 23VADP22 | 6.3 | 3 | 23VBXP22 | 6.3 | 3 |
| 20VAHP22 | 6.3 | 3 | 21VAJP22 | 6.3 | 3 | 22AMP22 | 6.3 | 3 | 23VAEP22 | 6.3 | 3 | 23VBY22 | 6.3 | 3 |
| 20VAJP22 | 6.3 | 3 | 21VAKP22 | 6.3 | 3 | 22ANP22 | 6.3 | 3 | 23VAHP22 | 6.3 | 3 | 23V22 | 6.3 | 3 |
| 20VAKP22 | 6.3 | 2 | 21VALP22 | 6.3 | 3 | 22AQP22 | 6.3 | 3 | 23VAJP22 | 6.3 | 3 | 23V22 | 6.3 | 3 |
| 20VALP22 | 6.3 | 3 | 21VAMP22 | 6.3 | 3 | 22ARP22 | 6.3 | 3 | 23VALP22 | 6.3 | 3 | 23V22 | 6.3 | 3 |
| 20VAMP22 | 6.3 | 3 | 21VAQP22 | 6.3 | 3 | 22ASP22 | 6.3 | 3 | 23VAMP22 | 6.3 | 3 | 23V22 | 6.3 | 3 |
| 20VANP22 | 6.3 | 3 | 21VARP22 | 6.3 | 3 | 22ATP22 | 6.3 | 3 | 23VANP22 | 6.3 | 3 | 23V22 | 6.3 | 3 |
| 20VARP22 | 6.3 | 3 | 21VAUP22 | 6.3 | 3 | 22AVP22 | 6.3 | 3 | 23VAQP22 | 6.3 | 3 | 23V22 | 6.3 | 3 |
| 20VASP22 | 6.3 | 3 | 21VAWP22 | 6.3 | 3 | 22AWP22 | 6.3 | 3 | 23VARP22 | 6.3 | 3 | 23V22 | 6.3 | 3 |
| 20VAUP22 | 6.3 | 3 | 21VAXP22 | 6.3 | 3 | 22AXP22 | 6.3 | 3 | 23VASP22 | 6.3 | 3 | 23V22 | 6.3 | 3 |
| | | | 21VAYP22 | 6.3 | 3 | 22AYP22 | 6.3 | 3 | 23VATP22 | 6.3 | 3 | 23V22 | 6.3 | 3 |
| 21AXP22 | 6.3 | 2 | 21VAZP22 | 6.3 | 3 | 22AZP22 | 6.3 | 3 | 23VAUP22 | 6.3 | 3 | 23V22 | 6.3 | 3 |
| 21CYP22 | 6.3 | 2 | 21VBAP22 | 6.3 | 3 | 22BCP22 | 6.3 | 3 | 23VAWP22 | 6.3 | 3 | 23V22 | 6.3 | 3 |
| 21EP22 | 6.3 | 2 | 21VBCP22 | 6.3 | 3 | 22BGP22 | 6.3 | 3 | 23VAXP22 | 6.3 | 3 | 23V22 | 6.3 | 20 |

| Type | Heater | CR |
|----------|--------|----|----------|--------|----|----------|--------|----|----------|--------|----|----------|--------|----|
| 23VCZP22 | 6.3 | 3 | 25BGP22 | 6.3 | 3 | 25VALP22 | 6.3 | 3 | 25VCBP22 | 6.3 | 3 | 25VDTP22 | 6.3 | 3 |
| 23VRP22 | 6.3 | 3 | 25BHP22 | 6.3 | 3 | 25VAMP22 | 6.3 | 3 | 25VCDP22 | 6.3 | 3 | 25VDUP22 | 6.3 | 3 |
| 23VTP22 | 6.3 | 3 | 25BJP22 | 6.3 | 3 | 25VAP22 | 6.3 | 3 | 25VCEP22 | 6.3 | 3 | 25VDWP22 | 6.3 | 3 |
| 23VBFP22 | 6.3 | 3 | 25BKP22 | 6.3 | 3 | 25VAQP22 | 6.3 | 3 | 25VCFP22 | 6.3 | 3 | 25VDXP22 | 6.3 | 3 |
| | | | 25BLP22 | 6.3 | 3 | 25VARP22 | 6.3 | 3 | 25VCGP22 | 6.3 | 3 | 25VDYP22 | 6.3 | 3 |
| 24VABP22 | 6.3 | 21 | 25BMP22 | 6.3 | 3 | 25VASP22 | 6.3 | 3 | 25VCHP22 | 6.3 | 3 | 25VDZP22 | 6.3 | 1 |
| | | | 25BNP22 | 6.3 | 3 | 25VATP22 | 6.3 | 3 | 25VCJP22 | 6.3 | 3 | 25VEBP22 | 6.3 | 3 |
| 25ABP22 | 6.3 | 3 | 25BP22 | 6.3 | 3 | 25VAUP22 | 6.3 | 3 | 25VCKP22 | 6.3 | 3 | 25VECP22 | 6.3 | 3 |
| 25ACP22 | 6.3 | 3 | 25BRP22 | 6.3 | 3 | 25VAWP22 | 6.3 | 3 | 25VCLP22 | 6.3 | 3 | 25VEDP22 | 6.3 | 3 |
| 25ADP22 | 6.3 | 3 | 25BSP22 | 6.3 | 3 | 25VAXP22 | 6.3 | 3 | 25VCM22 | 6.3 | 3 | 25VEFP22 | 6.3 | 3 |
| 25AEP22 | 6.3 | 3 | 25BTP22 | 6.3 | 3 | 25VAYP22 | 6.3 | 3 | 25VCNP22 | 6.3 | 3 | 25VEGP22 | 6.3 | 3 |
| 25AFP22 | 6.3 | 3 | 25BVP22 | 6.3 | 3 | 25VAZP22 | 6.3 | 3 | 25VCQP22 | 6.3 | 3 | 25VEHP22 | 6.3 | 3 |
| 25AGP22 | 6.3 | 3 | 25BWP22 | 6.3 | 3 | 25VBAP22 | 6.3 | 3 | 25VCRP22 | 6.3 | 3 | 25VEJP22 | 6.3 | 3 |
| 25AHP22 | 6.3 | 3 | 25BXP22 | 6.3 | 3 | 25VBCP22 | 6.3 | 3 | 25V22 | 6.3 | 3 | 25VEKP22 | 6.3 | 16 |
| 25AJP22 | 6.3 | 3 | 25BYP22 | 6.3 | 3 | 25VBDP22 | 6.3 | 3 | 25VCTP22 | 6.3 | 3 | 25VEMP22 | 6.3 | 22 |
| 25AKP22 | 6.3 | 3 | 25BZP22 | 6.3 | 3 | 25VBEP22 | 6.3 | 3 | 25VCUP22 | 6.3 | 3 | 25VENP22 | 6.3 | 3 |
| 25ALP22 | 6.3 | 3 | 25CAP22 | 6.3 | 3 | 25VBGP22 | 6.3 | 3 | 25CVWP22 | 6.3 | 3 | 25VEQP22 | 6.3 | 22 |
| 25AMP22 | 6.3 | 3 | 25CBP22 | 6.3 | 3 | 25VBHP22 | 6.3 | 3 | 25VCXP22 | 6.3 | 3 | 25VERP22 | 6.3 | 3 |
| 25ANP22 | 6.3 | 3 | 25CP22 | 6.3 | 3 | 25VBJP22 | 6.3 | 3 | 25VCYP22 | 6.3 | 3 | 25VESP22 | 6.3 | 22 |
| 25AP22 | 6.3 | 3 | 25FP22 | 6.3 | 3 | 25VBKP22 | 6.3 | 3 | 25VCZP22 | 6.3 | 3 | 25VETP22 | 6.3 | 20 |
| 25AQP22 | 6.3 | 3 | 25GP22 | 6.3 | 3 | 25VBLP22 | 6.3 | 3 | 25VDAP22 | 6.3 | 3 | 25VEUP22 | 6.3 | 20 |
| 25ASP22 | 6.3 | 3 | 25LP22 | 6.3 | 3 | 25VBMP22 | 6.3 | 3 | 25VDBP22 | 6.3 | 3 | 25VEWP22 | 6.3 | 20 |
| 25ATP22 | 6.3 | 3 | 25RP22 | 6.3 | 3 | 25VBNP22 | 6.3 | 3 | 25VDCP22 | 6.3 | 3 | 25VEXP22 | 6.3 | 3 |
| 25AUP22 | 6.3 | 3 | 25SP22 | 6.3 | 3 | 25VBQP22 | 6.3 | 3 | 25VDEP22 | 6.3 | 3 | 25VEYP22 | 6.3 | 24 |
| 25AVP22 | 6.3 | 3 | 25UP22 | 6.3 | 3 | 25VBRP22 | 6.3 | 3 | 25VDFP22 | 6.3 | 3 | 25VEZP22 | 6.3 | 3 |
| 25AWP22 | 6.3 | 3 | 25VABP22 | 6.3 | 3 | 25V22 | 6.3 | 3 | 25VDGP22 | 6.3 | 3 | 25VFAP22 | 6.3 | 3 |
| 25AXP22 | 6.3 | 3 | 25VACP22 | 6.3 | 3 | 25VBJP22 | 6.3 | 3 | 25VDHP22 | 6.3 | 3 | 25VFBP22 | 6.3 | 20 |
| 25AYP22 | 6.3 | 3 | 25VADP22 | 6.3 | 3 | 25VBUP22 | 6.3 | 3 | 25VDJP22 | 6.3 | 3 | 25VFCP22 | 6.3 | 20 |
| 25AZP22 | 6.3 | 3 | 25VAEP22 | 6.3 | 3 | 25VB22 | 6.3 | 3 | 25VDKP22 | 6.3 | 3 | 25VFEP22 | 6.3 | 24 |
| 25BAP22 | 6.3 | 3 | 25VAFP22 | 6.3 | 3 | 25VBXP22 | 6.3 | 3 | 25VDM22 | 6.3 | 3 | 25VFGP22 | 6.3 | 3 |
| 25BCP22 | 6.3 | 3 | 25VAGP22 | 6.3 | 3 | 25VBYP22 | 6.3 | 3 | 25VDNP22 | 6.3 | 3 | 25VFHP22 | 6.3 | 20 |
| 25BDP22 | 6.3 | 3 | 25VAJP22 | 6.3 | 3 | 25VBZP22 | 6.3 | 3 | 25VDRP22 | 6.3 | 3 | 25VFJP22 | 6.3 | 24 |
| 25BFP22 | 6.3 | 3 | 25VAKP22 | 6.3 | 3 | 25VCAP22 | 6.3 | 3 | 25V22 | 6.3 | 3 | 25VFKP22 | 6.3 | 20 |

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23VCZP22 — 25VFKP22

6 COLOR

See Notes Inside Cover

25VFLP22 — 180DKB22 (G)

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
|----------|--------|----|-------------|--------|----|---------------|--------|----|--------------|--------|----|--------------|--------|----|
| 25VFLP22 | 6.3 | 3 | 25VHFP22 | 6.3 | 20 | 140AXB22 | 2.8 | 25 | 180ADB22-R | 6.3 | 39 | 180CJB22 (R) | 6.3 | 26 |
| 25VFMP22 | 6.3 | 22 | 25VHGP22 | 6.3 | 22 | 140BYB22 | 6.0 | 32 | 180AVB22 (B) | 6.3 | 34 | 180CKB22 (B) | 6.3 | 34 |
| 25VFNP22 | 6.3 | 24 | 25VHJP22 | 6.3 | 22 | 140DXB22 | 6.3 | 33 | 180AVB22 (G) | 6.3 | 34 | 180CKB22 (G) | 6.3 | 34 |
| 25VFQP22 | 6.3 | 23 | 25VHKP22 | 6.3 | 24 | | | | 180AVB22 (R) | 6.3 | 34 | 180CKB22 (R) | 6.3 | 34 |
| 25Vfsp22 | 6.3 | 24 | 25VHLP22 | 6.3 | 20 | 150AYB22 | 3.3 | 33 | 180AXB22 (B) | 6.3 | 34 | 180CLB22 (B) | 6.3 | 34 |
| 25VFTP22 | 6.3 | 22 | 25VHMP22 | 6.3 | 22 | 150AZB22 | 3.3 | 33 | 180AXB22 (G) | 6.3 | 34 | 180CLB22 (G) | 6.3 | 34 |
| 25VFXP22 | 6.3 | 22 | 25VHNP22 | 6.3 | 22 | 150BMB22 | 6.0 | 32 | 180AXB22 (R) | 6.3 | 34 | 180CLB22 (R) | 6.3 | 34 |
| 25VFYP22 | 6.3 | 22 | 25VHQP22 | 6.3 | 22 | 150BX22 | 6.3 | 33 | 180BRB22 (B) | 6.3 | 34 | 180CSB22 (B) | 6.3 | 34 |
| 25VFZP22 | 6.3 | 24 | 25VHRP22 | 6.3 | 20 | 150CHB22 | 6.0 | 32 | 180BRB22 (G) | 6.3 | 34 | 180CSB22 (G) | 6.3 | 34 |
| 25VGAP22 | 6.3 | 24 | 25VHSP22 | 6.3 | 24 | | | | 180BRB22 (R) | 6.3 | 34 | 180CSB22 (R) | 6.3 | 34 |
| 25VGBP22 | 6.3 | 3 | 25VHTP22 | 6.3 | 20 | 160CB22 | 6.0 | 32 | 180BSB22 (B) | 6.3 | 34 | 180CSB22 (B) | 6.3 | 34 |
| 25VGDP22 | 6.3 | 24 | 25VHUP22 | 6.3 | 24 | 160DB22 | 6.0 | 32 | 180BSB22 (G) | 6.3 | 34 | 180CZB22 (G) | 6.3 | 34 |
| 25VGEP22 | 6.3 | 20 | 25VP22 | 6.3 | 3 | 160FB33 | 6.3 | 33 | 180BSB22 (R) | 6.3 | 34 | 180CZB22 (R) | 6.3 | 34 |
| 25VGHP22 | 6.3 | 20 | 25WP22 | 6.3 | 3 | | | | 180BTB22 (B) | 6.3 | 34 | 180DAB22 (B) | 6.3 | 34 |
| 25VGJP22 | 6.3 | 20 | 25XP22 | 6.3 | 3 | 170ACB22 (B)* | 6.3 | 34 | 180BTB22 (G) | 6.3 | 34 | 180DAB22 (G) | 6.3 | 34 |
| 25VGKP22 | 6.3 | 22 | 25YP22 | 6.3 | 3 | 170ACB22 (G)* | 6.4 | 34 | 180BTB22 (R) | 6.3 | 34 | 180DAB22 (R) | 6.3 | 34 |
| 25VGLP22 | 6.3 | 22 | 25ZP22 | 6.3 | 3 | 170ACB22 (R)* | 6.3 | 34 | 180BV22 (B) | 6.3 | 34 | 180DCB22 (B) | 6.3 | 34 |
| 25VGMP22 | 6.3 | 20 | | | | 170VB22 (B) * | 6.3 | 34 | 180BV22 (G) | 6.3 | 34 | 180DCB22 (G) | 6.3 | 34 |
| 25VGNP22 | 6.3 | 20 | 26AP22 | 6.3 | 3 | 170VB22 (G) * | 6.3 | 34 | 180BV22 (R) | 6.3 | 34 | 180DCB22 (R) | 6.3 | 34 |
| 25VGQP22 | 6.3 | 22 | 26DP22 | 6.3 | 3 | 170VB22 (R) * | 6.3 | 34 | 180BWB22 (B) | 6.3 | 26 | 180DEB22 (B) | 6.3 | 34 |
| 25VGRP22 | 6.3 | 24 | 26EP22 | 6.3 | 3 | 170WB22 (B) | 6.3 | 26 | 180BWB22 (G) | 6.3 | 26 | 180DEB22 (G) | 6.3 | 34 |
| 25VGSP22 | 6.3 | 22 | 26FP22 | 6.3 | 3 | 170WB22 (G) | 6.3 | 26 | 180BWB22 (R) | 6.3 | 26 | 180DEB22 (R) | 6.3 | 34 |
| 25VGTP22 | 6.3 | 24 | 26GP22 | 6.3 | 3 | 170WB22 (R) | 6.3 | 26 | 180BYB22 (B) | 6.3 | 34 | 180DFB22 (B) | 6.3 | 34 |
| 25VGUP22 | 6.3 | 24 | 26HP22 | 6.3 | 3 | 170ZB22 (B)* | 6.3 | 34 | 180BYB22 (G) | 6.3 | 34 | 180DFB22 (G) | 6.3 | 34 |
| 25VGWP22 | 6.3 | 24 | 26KP22 | 6.3 | 3 | 170ZB22 (G)* | 6.3 | 34 | 180BYB22 (R) | 6.3 | 34 | 180DFB22 (R) | 6.3 | 34 |
| 25VGXP22 | 6.3 | 23 | | | | 170ZB22 (R)* | 6.3 | 34 | 180CGB22 (B) | 6.3 | 26 | 180DHB22 (B) | 6.3 | 34 |
| 25VGYP22 | 6.3 | 23 | 37GDA85X | 6.3 | 31 | | | | 180CGB22 (G) | 6.3 | 26 | 180DHB22 (G) | 6.3 | 34 |
| 25VGZP22 | 6.3 | 20 | 37GDA86X | 6.3 | 31 | 180ACB22-B | 6.3 | 26 | 180CGB22 (R) | 6.3 | 26 | 180DHB22 (R) | 6.3 | 34 |
| 25VHAP22 | 6.3 | 22 | 37GDA86X/1E | 6.3 | 31 | 180ACB22-G | 6.3 | 26 | 180CHB22 (B) | 6.3 | 26 | 180DJB22 (B) | 6.3 | 34 |
| 25VHBP22 | 6.3 | 20 | | | | 180ACB22-R | 6.3 | 26 | 180CHB22 (G) | 6.3 | 26 | 180DJB22 (G) | 6.3 | 34 |
| 25VHCP22 | 6.3 | 20 | 85XB22 | 6.0 | 32 | 180ADB22-B | 6.3 | 39 | 180CHB22 (R) | 6.3 | 26 | 180DJB22 (R) | 6.3 | 34 |
| 25VHDP22 | 6.3 | 23 | | | | 180ADB22-GA | 6.3 | 39 | 180CJB22 (B) | 6.3 | 26 | 180DKB22 (B) | 6.3 | 26 |
| 25VHEP22 | 6.3 | 22 | 120AUB22 | 6.3 | 33 | | | | 180CJB22 (G) | 6.3 | 26 | 180DKB22 (G) | 6.3 | 26 |

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
|----------------|--------|----|-----------|--------|----|----------|--------|----|--------------|--------|----|----------|--------|----|
| 180DKB22 (R) | 6.3 | 26 | 180YB22-R | 6.3 | 26 | 270JB22 | 6.3 | 15 | 320AYB22 | 6.3 | 15 | 320LB22 | 6.3 | 3 |
| 180DLB22 (B) * | 6.3 | 34 | 180YB43 | 6.3 | 26 | 270KB22 | 6.3 | 15 | 320BJB22 | 6.3 | 14 | 320NB22 | 6.3 | 3 |
| 180DLB22 (G) * | 6.3 | 34 | | | | 270KCG22 | 6.3 | 3 | 320BMB22 | 6.3 | 25 | 320RB22 | 6.3 | 3 |
| 180DLB22 (R) * | 6.3 | 34 | 200HB22 | 12.6 | 14 | 270LB22 | 6.3 | 15 | 320BSB22 | 6.3 | 28 | 320VB22 | 6.3 | 3 |
| 180DNB22 (B) | 6.3 | 34 | 200KB22 | 12.6 | 14 | 270MB22 | 6.3 | 15 | 320BTB22 | 6.3 | 25 | 320WB22 | 6.3 | 3 |
| 180DNB22 (G) | 6.3 | 34 | 200KBG22 | 6.3 | 3 | 270NB22 | 6.3 | 15 | 320BUB22 | 6.3 | 25 | | | |
| 180DNB22 (R) | 6.3 | 34 | 200LB22 | 6.3 | 14 | 270ORB22 | 6.3 | 15 | 320BWB22 | 6.3 | 25 | 330AB22 | 6.3 | 5 |
| 180DRB22 (B) | 6.3 | 34 | 200RB22 | 6.0 | 42 | 270SB22 | 6.3 | 15 | 320BXB22 | 6.3 | 25 | 330AD22 | 6.3 | 5 |
| 180DRB22 (G) | 6.3 | 34 | 200TB22 | 11.0 | 25 | 270TB22 | 6.3 | 15 | 320CB22 | 6.3 | 3 | 330ADB22 | 6.3 | 40 |
| 180DRB22 (R) | 6.3 | 34 | | | | 270UB22 | 6.3 | 15 | 320CFB22 | 6.3 | 30 | 330CB22 | 6.3 | 5 |
| 180DSB22 (B) | 6.3 | 34 | 220DB22 | 6.3 | 4 | 270VB22 | 6.3 | 25 | 320CGB22 | 6.3 | 41 | 330GB22 | 6.3 | 5 |
| 180DSB22 (G) | 6.3 | 34 | 220HB22 | 6.3 | 24 | 270WB22 | 6.3 | 15 | 320CSB22 | 6.3 | 31 | 330LB22 | 6.3 | 5 |
| 180DSB22 (R) | 6.3 | 34 | | | | | | | 320CXB22 | 6.3 | 23 | 330WB22 | 6.3 | 40 |
| 180DT22(B) | 6.3 | 34 | 250ACB22 | 6.3 | 5 | 290FB22 | 6.3 | 14 | 320CYB22 | 6.3 | 41 | 330YB22 | 6.3 | 5 |
| 180DT22(G) | 6.3 | 34 | 250AFB22 | 6.3 | 25 | 290GB22 | 6.3 | 14 | 320DB22 | 6.3 | 3 | | | |
| 180DT22(R) | 6.3 | 34 | 250AGB22 | 6.3 | 25 | 290HB22 | 6.3 | 14 | 320DCB22 | 6.3 | 23 | 350CB22 | 6.3 | 3 |
| 180DUB22-R * | 6.3 | 34 | 250AKB22 | 12.0 | 5 | 290KB22 | 6.3 | 42 | 320DEB22 | 6.3 | 23 | 350DB22 | 6.3 | 3 |
| 180DUB22-G * | 6.3 | 34 | 250AMB22 | 6.3 | 33 | | | | 320DFB22 | 6.3 | 23 | | | |
| 180DUB22-B * | 6.3 | 34 | 250ARB22 | 6.3 | 23 | 310DGB22 | 6.3 | 18 | 320DGB22 | 6.3 | 23 | 370AB22 | 6.3 | 3 |
| 180DWB22-R ** | 6.3 | 34 | 250ATB22 | 6.3 | 31 | 310FGB22 | 6.3 | 3 | 320DHB22 | 6.3 | 23 | 370ACB22 | 6.3 | 3 |
| 180DWB22-B ** | 6.3 | 34 | 250MB22 | 6.3 | 3 | 310WB22 | 6.3 | 15 | 320DJB22 | 6.3 | 23 | 370AEB22 | 6.3 | 3 |
| 180DWB22-G ** | 6.3 | 34 | 250NB22 | 6.3 | 5 | | | | 320DKB22 | 6.3 | 23 | 370AFB22 | 6.3 | 3 |
| 180DXB22-R ** | 6.3 | 34 | 250RB22 | 6.3 | 3 | 320ACB22 | 6.3 | 3 | 320DMB22 | 6.3 | 23 | 370AGB22 | 6.3 | 3 |
| 180DXB22-G ** | 6.3 | 34 | 250TB22 | 6.3 | 3 | 320ADB22 | 6.3 | 3 | 320DTB22 (B) | 6.3 | 26 | 370AKB22 | 6.3 | 3 |
| 180DXB22-B ** | 6.3 | 34 | 250XB22 | 12.0 | 14 | 320AEB22 | 6.3 | 3 | 320DTB22 (G) | 6.3 | 26 | 370ALB22 | 6.3 | 3 |
| 180RB22-B | 6.3 | 26 | | | | 320AGB22 | 6.3 | 3 | 320DTB22 (R) | 6.3 | 26 | 370AMB22 | 6.3 | 14 |
| 180RB22-G | 6.3 | 26 | 270AEB22 | 6.3 | 31 | 320AHB22 | 6.3 | 3 | 320EB22 | 6.3 | 3 | 370ANB22 | 6.3 | 15 |
| 180RB22-R | 6.3 | 26 | 270AKB22 | 6.3 | 31 | 320AJB22 | 6.3 | 13 | 320GB22 | 6.3 | 3 | 370ARB22 | 6.3 | 15 |
| 180TB22 # | 6.3 | 3 | 270ALB22 | 6.3 | 31 | 320AKB22 | 6.3 | 3 | 320HB22 | 6.3 | 3 | 370AUB22 | 6.3 | 15 |
| 180WB22-B | 6.3 | 39 | 270AJB22 | 6.3 | 31 | 320ARB22 | 6.3 | 25 | 320HIB22 | 6.3 | 3 | 370AVB22 | 6.3 | 15 |
| 180WB22-G | 6.3 | 39 | 270ALB22 | 6.3 | 31 | 320AVB22 | 6.3 | 15 | 320JB22 | 6.3 | 3 | 370AWB22 | 6.3 | 3 |
| 180WB22-R | 6.3 | 39 | 270AMB22 | 6.3 | 31 | 320AWB22 | 6.3 | 25 | 320JIB22 | 6.3 | 3 | 370AXB22 | 6.3 | 14 |
| 180YB22-B | 6.3 | 26 | 270EB22 | 6.3 | 3 | 320AXB22 | 6.3 | 25 | 320KB22 | 6.3 | 3 | 370AYB22 | 6.3 | 3 |

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See Notes Inside Cover

180DKB22 (R) — 370AYB22

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See Notes Inside Cover

370BCB22 — 420AFB22

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
|-------------|--------|----|----------|--------|----|----------|--------|----|----------|--------|----|-----------|--------|----|
| 370BCB22 | 6.3 | 3 | 370DKB22 | 6.3 | 18 | 370GKB22 | 6.3 | 23 | 370LB22 | 6.3 | 3 | 370VAGP22 | 6.3 | 16 |
| 370DB22 | 6.3 | 15 | 370DLB22 | 6.3 | 15 | 370GUB22 | 6.3 | 23 | 370LEB22 | 6.3 | 24 | 370VB22 | 6.3 | 15 |
| 370FB22 | 6.3 | 15 | 370DMB22 | 6.3 | 15 | 370GYB22 | 6.3 | 23 | 370LGB22 | 6.3 | 31 | 370WB22 | 6.3 | 15 |
| 370GB22 | 6.3 | 3 | 370DNB22 | 6.3 | 25 | 370HAB22 | 6.3 | 33 | 370LHB22 | 6.3 | 31 | 370ZB22 | 6.3 | 3 |
| 370H22 | 6.3 | 27 | 370DRB22 | 6.3 | 25 | 370HB22 | 6.3 | 3 | 370LJB22 | 6.3 | 23 | | | |
| 370LB22 | 6.3 | 14 | 370DSB22 | 6.3 | 27 | 370HEB22 | 6.3 | 23 | 370LMB22 | 6.3 | 41 | 400ACB22 | 6.3 | 3 |
| 370NB22 | 6.3 | 3 | 370DTB22 | 6.3 | 27 | 370HFB22 | 6.3 | 23 | 370LXB22 | 6.3 | 31 | 400DB22 | 6.3 | 3 |
| 370RB22 | 6.3 | 13 | 370DUB22 | 6.3 | 27 | 370HKB22 | 6.3 | 25 | 370MB22 | 6.3 | 3 | 400JB22 | 6.3 | 3 |
| 370UB22 | 6.3 | 3 | 370DYB22 | 6.3 | 3 | 370HRB22 | 6.3 | 23 | 370MCB22 | 6.3 | 23 | 400MB22 | 6.3 | 3 |
| 370BV1BK1A | 6.3 | 31 | 370DZB22 | 6.3 | 14 | 370HUB22 | 6.3 | 18 | 370MDB22 | 6.3 | 23 | 400NB22 | 6.3 | 3 |
| 370BV1BK1S | 6.3 | 31 | 370EB22 | 6.3 | 3 | 370HYB22 | 6.3 | 41 | 370MEB22 | 6.3 | 23 | 400RB22 | 6.3 | 3 |
| 370BVBK1U | 6.3 | 31 | 370ECB22 | 6.3 | 25 | 370HZB22 | 6.3 | 33 | 370MKB22 | 6.3 | 41 | 400CLB22 | 6.3 | 3 |
| 370VB1U7E | 6.3 | 31 | 370EFB22 | 6.3 | 14 | 370JB22 | 6.3 | 3 | 370MVB22 | 6.3 | 30 | 400CNB22 | 6.3 | 3 |
| 370VB22 | 6.3 | 3 | 370EGB22 | 6.3 | 25 | 370JFB22 | 6.3 | 25 | 370MWB22 | 6.3 | 23 | 400CUB22 | 6.3 | 3 |
| 370BVBK1UTE | 6.3 | 31 | 370EHB22 | 6.3 | 25 | 370JKB22 | 6.3 | 25 | 370MXB22 | 6.3 | 23 | 400CVB22 | 6.3 | 3 |
| 370BVK1UST | 6.3 | 31 | 370EJB22 | 6.3 | 25 | 370JMB22 | 6.3 | 31 | 370MYB22 | 6.3 | 23 | 400DAB22 | 6.3 | 14 |
| 370BYB22 | 6.3 | 18 | 370ELB22 | 6.3 | 27 | 370JNB22 | 6.3 | 42 | 370NAB22 | 6.3 | 31 | 400DFB22 | 6.3 | 3 |
| 370BZB22 | 6.3 | 25 | 370EMB22 | 6.3 | 27 | 370JRB22 | 6.3 | 42 | 370NB22 | 6.3 | 3 | 400K22 | 6.3 | 3 |
| 370CAB22 | 6.3 | 14 | 370ERB22 | 6.3 | 14 | 370JSB22 | 6.3 | 23 | 370NCB22 | 6.3 | 31 | 400DMB22 | 6.3 | 3 |
| 370CB22 | 6.3 | 3 | 370ESB22 | 6.3 | 28 | 370JTB22 | 6.3 | 3 | 370NEB22 | 6.3 | 31 | 400DNB22 | 6.3 | 5 |
| 370CFB22 | 6.3 | 14 | 370ETB22 | 6.3 | 15 | 370JWB22 | 6.3 | 31 | 370NFB22 | 6.3 | 31 | 400DWB22 | 6.3 | 5 |
| 370CGB22 | 6.3 | 14 | 370FB22 | 6.3 | 3 | 370JXB22 | 6.3 | 25 | 370NMB22 | 6.3 | 23 | 400DYB22 | 6.3 | 5 |
| 370CHB22 | 6.3 | 14 | 370FCB22 | 6.3 | 25 | 370JYB22 | 6.3 | 23 | 370NSB22 | 6.3 | 41 | 400EB22 | 6.3 | 2 |
| 370CKB22 | 6.3 | 3 | 370FGB22 | 6.3 | 3 | 370JZB22 | 6.3 | 23 | 370NVB22 | 6.3 | 31 | 400EDB22 | 6.3 | 5 |
| 370CNB22 | 6.3 | 3 | 370FHB22 | 6.3 | 25 | 370KB22 | 6.3 | 3 | 370NXB22 | 6.3 | 23 | 400EHB22 | 6.3 | 5 |
| 370CRB22 | 6.3 | 25 | 370FJB22 | 6.3 | 25 | 370KHB22 | 6.3 | 31 | 370ORB22 | 6.3 | 3 | 400JB22 | 6.3 | 3 |
| 370CSB22 | 6.3 | 14 | 370FLB22 | 6.3 | 25 | 370KLB22 | 6.3 | 30 | 370RDB22 | 6.3 | 23 | 400KB22 | 6.3 | 3 |
| 370CUB22 | 6.3 | 14 | 370FNB22 | 6.3 | 25 | 370KNB22 | 6.3 | 31 | 370RJB22 | 6.3 | 31 | 400MB22 | 6.3 | 3 |
| 370CVB22 | 6.3 | 3 | 370FVB22 | 6.3 | 28 | 370KRB22 | 6.3 | 31 | 370RKB22 | 6.3 | 23 | | | |
| 370DEB22 | 6.3 | 27 | 370FXB22 | 6.3 | 25 | 370KSB22 | 6.3 | 31 | 370SB22 | 6.3 | 3 | 420AB22 | 6.3 | 3 |
| 370DFB22 | 6.3 | 14 | 370FZB22 | 6.3 | 3 | 370KTB22 | 6.3 | 41 | 370TB22 | 6.3 | 3 | 420ACB22 | 6.3 | 3 |
| 370DGB22 | 6.3 | 15 | 370GCB22 | 6.3 | 23 | 370KUB22 | 6.3 | 30 | 370UB22 | 6.3 | 3 | 420ADB22 | 6.3 | 15 |
| 370DJB22 | 6.3 | 25 | 370GHB22 | 6.3 | 30 | 370LAB22 | 6.3 | 41 | 370UNB22 | 6.3 | 3 | 420AFB22 | 6.3 | 14 |

| Type | Heater | CR |
|----------|--------|----|----------|--------|----|----------|--------|----|----------|--------|----|----------|--------|----|
| 420AGB22 | 6.3 | 25 | 420CEB22 | 6.3 | 25 | 420FTB22 | 6.3 | 31 | 440AZB22 | 6.3 | 3 | 470CAB22 | 6.3 | 3 |
| 420AHB22 | 6.3 | 13 | 420CFB22 | 6.3 | 27 | 420FYB22 | 6.3 | 31 | 440BCB22 | 6.3 | 3 | 470CDB22 | 6.3 | 3 |
| 420AJB22 | 6.3 | 3 | 420CGB22 | 6.3 | 14 | 420FZB22 | 6.3 | 31 | 440DB22 | 6.3 | 3 | 470CEB22 | 6.3 | 3 |
| 420AKB22 | 6.3 | 15 | 420CHB22 | 6.3 | 15 | 420GAB22 | 6.3 | 31 | 440EB22 | 6.3 | 3 | 470CFB22 | 6.3 | 3 |
| 420ALB22 | 6.3 | 15 | 420CSB22 | 6.3 | 25 | 420GB22 | 6.3 | 3 | 440FB22 | 6.3 | 3 | 470CJB22 | 6.3 | 3 |
| 420AMB22 | 6.3 | 13 | 420CTB22 | 6.3 | 15 | 420GFB22 | 6.3 | 23 | 440HB22 | 6.3 | 3 | 470CKB22 | 6.3 | 3 |
| 420ARB22 | 6.3 | 25 | 420CUB22 | 6.3 | 28 | 420GMB22 | 6.3 | 23 | 440KB22 | 6.3 | 3 | 470CLB22 | 6.3 | 3 |
| 420ASB22 | 6.3 | 14 | 420CYB22 | 6.3 | 25 | 420GTB22 | 6.3 | 23 | 440LB22 | 6.3 | 3 | 470CMB22 | 6.3 | 3 |
| 420ATB22 | 6.3 | 14 | 420CZB22 | 6.3 | 25 | 420GUB22 | 6.3 | 31 | 440NB22 | 6.3 | 3 | 470CNB22 | 6.3 | 27 |
| 420AUB22 | 6.3 | 25 | 420DB22 | 6.3 | 3 | 420GWB22 | 6.3 | 23 | 440OB22 | 6.3 | 3 | 470CTB22 | 6.3 | 3 |
| 420AVB22 | 6.3 | 14 | 420DCB22 | 6.3 | 25 | 420HB22 | 6.3 | 3 | 440CLB22 | 6.3 | 3 | 470CWB22 | 6.3 | 3 |
| 420AWB22 | 6.3 | 14 | 420DEB22 | 6.3 | 14 | 420JB22 | 6.3 | 3 | 470ADB22 | 6.3 | 19 | 470CYB22 | 6.3 | 3 |
| 420AZB22 | 6.3 | 14 | 420DFB22 | 6.3 | 3 | 420KB22 | 6.3 | 3 | 470ALB22 | 6.3 | 15 | 470CZB22 | 6.3 | 14 |
| 420BAB22 | 6.3 | 14 | 420DGB22 | 6.3 | 23 | 420KLB22 | 6.3 | 5 | 470AYB22 | 6.3 | 25 | 470DCB22 | 6.3 | 3 |
| 420BCB22 | 6.3 | 14 | 420DKB22 | 6.3 | 25 | 420LB22 | 6.3 | 3 | 470BB22 | 6.3 | 3 | 470DEB22 | 6.3 | 14 |
| 420BEB22 | 6.3 | 14 | 420DRB22 | 6.3 | 23 | 420MB22 | 6.3 | 3 | 470EB22 | 6.3 | 3 | 470DFB22 | 6.3 | 3 |
| 420BGB22 | 6.3 | 27 | 420DVB22 | 6.3 | 23 | 420NB22 | 6.3 | 3 | 470FB22 | 6.3 | 3 | 470DGB22 | 6.3 | 3 |
| 420H22 | 6.3 | 15 | 420DZB22 | 6.3 | 41 | 420RB22 | 6.3 | 3 | 470GB22 | 6.3 | 3 | 470DHB22 | 6.3 | 3 |
| 420JB22 | 6.3 | 15 | 420EB22 | 6.3 | 3 | 420SB22 | 6.3 | 3 | 470HB22 | 6.3 | 3 | 470DIB22 | 6.3 | 3 |
| 420K22 | 6.3 | 25 | 420ECB22 | 6.3 | 23 | 420VB22 | 6.3 | 14 | 470IB22 | 6.3 | 3 | 470DKB22 | 6.3 | 3 |
| 420LB22 | 6.3 | 18 | 420EFB22 | 6.3 | 23 | 420V22 | 6.3 | 27 | 470JB22 | 6.3 | 3 | 470DLB22 | 6.3 | 5 |
| 420MB22 | 6.3 | 15 | 420ERB22 | 6.3 | 23 | 420WB22 | 6.3 | 3 | 470KB22 | 6.3 | 3 | 470DMB22 | 6.3 | 3 |
| 420NB22P | 6.3 | 15 | 420ESB22 | 6.3 | 18 | 420XB22 | 6.3 | 14 | 470LB22 | 6.3 | 3 | 470DNB22 | 6.3 | 5 |
| 420RB22P | 6.3 | 18 | 420ETB22 | 6.3 | 18 | 420YB22 | 6.3 | 3 | 470MB22 | 6.3 | 3 | 470DTB22 | 6.3 | 3 |
| 420SB22 | 6.3 | 25 | 420EWB22 | 6.3 | 30 | | | | 470NB22 | 6.3 | 3 | 470DUB22 | 6.3 | 3 |
| 420TB22 | 6.3 | 14 | 420EZB22 | 6.3 | 23 | 430CB22 | 6.3 | 2 | 470RB22 | 6.3 | 3 | 470DXB22 | 6.3 | 27 |
| 420UB22 | 6.3 | 27 | 420FAB22 | 6.3 | 25 | 430FB22 | 6.3 | 2 | 470SB22 | 6.3 | 3 | 470DYB22 | 6.3 | 5 |
| 420VB22 | 6.3 | 27 | 420FB22 | 6.3 | 3 | | | | 470TB22 | 6.3 | 3 | 470DZB22 | 6.3 | 3 |
| 420WB22 | 6.3 | 27 | 420F22 | 6.3 | 15 | 440AJB22 | 6.3 | 3 | 470UB22 | 6.3 | 3 | 470EAB22 | 6.3 | 19 |
| 420BZB22 | 6.3 | 25 | 420FJB22 | 6.3 | 25 | 440AKB22 | 6.3 | 3 | 470VB22 | 6.3 | 3 | 470EAB22 | 6.3 | 19 |
| 420CAB22 | 6.3 | 14 | 420FKB22 | 6.3 | 30 | 440ALB22 | 6.3 | 3 | 470WB22 | 6.3 | 3 | 470ECB22 | 6.3 | 14 |
| 420CB22 | 6.3 | 3 | 420FRB22 | 6.3 | 30 | 440ASB22 | 6.3 | 3 | 470XB22 | 6.3 | 3 | 470EDB22 | 6.3 | 19 |
| 420CDB22 | 6.3 | 14 | 420FSB22 | 6.3 | 31 | 440AXB22 | 6.3 | 3 | 470YB22 | 6.3 | 3 | 470EFB22 | 6.3 | 25 |
| | | | | | | | | | 470ZB22 | 6.3 | 3 | 470EHB22 | 6.3 | 14 |

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See Notes Inside Cover

420AGB22 — 470EHB22

10 COLOR

See Notes Inside Cover

470EJB22 — 490DB22

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
|-----------|--------|----|----------|--------|----|----------|--------|----|----------|--------|----|----------|--------|----|
| 470EJB22 | 6.3 | 13 | 470GZB22 | 6.3 | 15 | 470KUB22 | 6.3 | 25 | 490AB22 | 6.3 | 3 | 490BNB22 | 6.3 | 3 |
| 470ELB22 | 6.3 | 19 | 470HAB22 | 6.3 | 25 | 470KXB22 | 6.3 | 5 | 490ACB22 | 6.3 | 3 | 490BRB22 | 6.3 | 3 |
| 470EMB22 | 6.3 | 3 | 470HCB22 | 6.3 | 15 | 470KZB22 | 6.3 | 5 | 490ADB22 | 6.3 | 3 | 490BSB22 | 6.3 | 3 |
| 470ERB22 | 6.3 | 19 | 470HDB22 | 6.3 | 15 | 470LAB22 | 6.3 | 25 | 490AEB22 | 6.3 | 3 | 490BTB22 | 6.3 | 3 |
| 470ESB22 | 6.3 | 14 | 470HEB22 | 6.3 | 15 | 470LGB22 | 6.3 | 25 | 490AFB22 | 6.3 | 3 | 490BUB22 | 6.3 | 3 |
| 470ETB22 | 6.3 | 19 | 470HFB22 | 6.3 | 18 | 470LJB22 | 6.3 | 30 | 490AGB22 | 6.3 | 3 | 490BVB22 | 6.3 | 3 |
| 470EVB22 | 6.3 | 25 | 470HFB22 | 6.3 | 25 | 470LKB22 | 6.3 | 30 | 490AHB22 | 6.3 | 3 | 490BWB22 | 6.3 | 3 |
| 470EXB22 | 6.3 | 25 | 470HJB22 | 6.3 | 15 | 470LRB22 | 6.3 | 23 | 490AIB22 | 6.3 | 3 | 490BXB22 | 6.3 | 3 |
| 470EYB22 | 6.3 | 13 | 470HLB22 | 6.3 | 15 | 470LVB22 | 6.3 | 25 | 490AKB22 | 6.3 | 3 | 490BYB22 | 6.3 | 3 |
| 470EZB22 | 6.3 | 25 | 470HMB22 | 6.3 | 27 | 470LWB22 | 6.3 | 30 | 490ALB22 | 6.3 | 3 | 490BZB22 | 6.3 | 3 |
| 470FAB22 | 6.3 | 19 | 470HRB22 | 6.3 | 25 | 470LXB22 | 6.3 | 18 | 490AMB22 | 6.3 | 3 | 490CAB22 | 6.3 | 3 |
| 470FCB22 | 6.3 | 15 | 470HSB22 | 6.3 | 14 | 470LXB22 | 6.3 | 25 | 490ANB22 | 6.3 | 3 | 490CB22 | 6.3 | 3 |
| 470FEB22 | 6.3 | 14 | 470HTB22 | 6.3 | 18 | 470LZB22 | 6.3 | 23 | 490ARB22 | 6.3 | 3 | 490CBG22 | 6.3 | 3 |
| 470FGB22 | 6.3 | 14 | 470HTB22 | 6.3 | 25 | 470MCB22 | 6.3 | 25 | 490ASB22 | 6.3 | 3 | 490CDB22 | 6.3 | 3 |
| 470FJB22 | 6.3 | 18 | 470HUB22 | 6.3 | 27 | 470MDB22 | 6.3 | 25 | 490ATB22 | 6.3 | 3 | 490CEB22 | 6.3 | 3 |
| 470FJB22 | 6.3 | 25 | 470HWB22 | 6.3 | 27 | 470MFB22 | 6.3 | 25 | 490AUB22 | 6.3 | 3 | 490CFB22 | 6.3 | 3 |
| 470FLB22 | 6.3 | 13 | 470HXB22 | 6.3 | 15 | 470MGB22 | 6.3 | 23 | 490AVB22 | 6.3 | 3 | 490CHB22 | 6.3 | 3 |
| 470FRB22 | 6.3 | 14 | 470JAB22 | 6.3 | 14 | 470MJB22 | 6.3 | 25 | 490AWB22 | 6.3 | 3 | 490CJB22 | 6.3 | 3 |
| 470FTB22P | 6.3 | 15 | 470JHB22 | 6.3 | 14 | 470MSB22 | 6.3 | 23 | 490AXB22 | 6.3 | 3 | 490CKB22 | 6.3 | 3 |
| 470FWB22 | 6.3 | 5 | 470JNB22 | 6.3 | 14 | 470MTB22 | 6.3 | 23 | 490AYB22 | 6.3 | 3 | 490CLB22 | 6.3 | 3 |
| 470FXB22 | 6.3 | 15 | 470JSB22 | 6.3 | 14 | 470MWB22 | 6.3 | 30 | 490AZB22 | 6.3 | 3 | 490CMB22 | 6.3 | 3 |
| 470FZB22 | 6.3 | 15 | 470JUB22 | 6.3 | 19 | 470NAB22 | 6.3 | 25 | 490BAB22 | 6.3 | 3 | 490CNB22 | 6.3 | 3 |
| 470GAB22P | 6.3 | 15 | 470JVB22 | 6.3 | 25 | 470NB22 | 6.3 | 3 | 490BBB22 | 6.3 | 3 | 490CRB22 | 6.3 | 3 |
| 470GCB22P | 6.3 | 15 | 470JWB22 | 6.3 | 25 | 470NKB22 | 6.3 | 23 | 490BCB22 | 6.3 | 3 | 490CSB22 | 6.3 | 3 |
| 470GEB22 | 6.3 | 25 | 470JXB22 | 6.3 | 14 | 470NTB22 | 6.3 | 30 | 490BDB22 | 6.3 | 3 | 490CTB22 | 6.3 | 3 |
| 470GHB22 | 6.3 | 25 | 470JYB22 | 6.3 | 14 | 470NVB22 | 6.3 | 31 | 490BEB22 | 6.3 | 3 | 490CUB22 | 6.3 | 3 |
| 470GLB22 | 6.3 | 19 | 470JZB22 | 6.3 | 27 | 470NWB22 | 6.3 | 31 | 490BFB22 | 6.3 | 3 | 490CVB22 | 6.3 | 3 |
| 470GMB22 | 6.3 | 14 | 470KAB22 | 6.3 | 14 | 470RCB22 | 6.3 | 24 | 490BGB22 | 6.3 | 3 | 490CWB22 | 6.3 | 3 |
| 470GNB22 | 6.3 | 14 | 470KCB22 | 6.3 | 14 | 470RDB22 | 6.3 | 31 | 490BHB22 | 6.3 | 3 | 490CXB22 | 6.3 | 3 |
| 470GRB22 | 6.3 | 14 | 470KDB22 | 6.3 | 14 | 470RGB22 | 6.3 | 23 | 490BJB22 | 6.3 | 3 | 490CYB22 | 6.3 | 3 |
| 470GVB22 | 6.3 | 14 | 470KGB22 | 6.3 | 14 | 470RWB22 | 6.3 | 31 | 490BKB22 | 6.3 | 3 | 490CZB22 | 6.3 | 3 |
| 470GYB22 | 6.3 | 18 | 470KLB22 | 6.3 | 5 | | | | 490BLB22 | 6.3 | 3 | 490DAB22 | 6.3 | 3 |
| 470GYB22 | 6.3 | 25 | 470KRB22 | 6.3 | 25 | 480AB22 | 6.3 | 14 | 490BMB22 | 6.3 | 3 | 490DB22 | 6.3 | 3 |

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
|-----------|--------|----|-----------|--------|----|----------|--------|----|----------|--------|----|----------|--------|----|
| 490DBF22 | 6.3 | 3 | 510ABCB22 | 6.3 | 25 | 510AUB22 | 6.3 | 3 | 510CJB22 | 6.3 | 27 | 510ECB22 | 6.3 | 3 |
| 490DCB22 | 6.3 | 3 | 510ABEB22 | 6.3 | 41 | 510AVB22 | 6.3 | 3 | 510CKB22 | 6.3 | 3 | 510EDB22 | 6.3 | 3 |
| 490DEB22 | 6.3 | 3 | 510ABFB22 | 6.3 | 41 | 510AWB22 | 6.3 | 3 | 510CLB22 | 6.3 | 3 | 510EFB22 | 6.3 | 14 |
| 490DGB22 | 6.3 | 3 | 510ABHB22 | 6.3 | 23 | 510AXB22 | 6.3 | 3 | 510CMB22 | 6.3 | 3 | 510ELB22 | 6.3 | 3 |
| 490DHB22 | 6.3 | 3 | 510ABMB22 | 6.3 | 23 | 510AYB22 | 6.3 | 3 | 510CNB22 | 6.3 | 3 | 510EMB22 | 6.3 | 14 |
| 490DJB22 | 6.3 | 3 | 510ABVB22 | 6.3 | 41 | 510AZB22 | 6.3 | 3 | 510CRB22 | 6.3 | 3 | 510ENB22 | 6.3 | 3 |
| 490DKB22 | 6.3 | 3 | 510ABWB22 | 6.3 | 31 | 510BAB22 | 6.3 | 3 | 510CSB22 | 6.3 | 3 | 510ERB22 | 6.3 | 3 |
| 490DLB22 | 6.3 | 3 | 510ABYB22 | 6.3 | 23 | 510BCB22 | 6.3 | 3 | 510CTB22 | 6.3 | 3 | 510ESB22 | 6.3 | 3 |
| 490DNB22 | 6.3 | 3 | 510ACAB22 | 6.3 | 30 | 510BDB22 | 6.3 | 3 | 510CUB22 | 6.3 | 3 | 510ETB22 | 6.3 | 3 |
| 490DVB22 | 6.3 | 18 | 510ACB22 | 6.3 | 3 | 510BEB22 | 6.3 | 3 | 510CVB22 | 6.3 | 3 | 510EUB22 | 6.3 | 19 |
| 490EB22 | 6.3 | 3 | 510ACDB22 | 6.3 | 23 | 510BFB22 | 6.3 | 3 | 510CWB22 | 6.3 | 3 | 510EVB22 | 6.3 | 14 |
| 490FB22 | 6.3 | 3 | 510ACEB22 | 6.3 | 23 | 510BGB22 | 6.3 | 3 | 510CXB22 | 6.3 | 3 | 510EWB22 | 6.3 | 14 |
| 490GB22 | 6.3 | 3 | 510ACGB22 | 6.3 | 23 | 510BHB22 | 6.3 | 3 | 510CYB22 | 6.3 | 3 | 510EXB22 | 6.3 | 3 |
| 490HB22 | 6.3 | 3 | 510ACXB22 | 6.3 | 23 | 510BJB22 | 6.3 | 3 | 510CZB22 | 6.3 | 3 | 510EYB22 | 6.3 | 14 |
| 490JB22 | 6.3 | 3 | 510ACYB22 | 6.3 | 23 | 510BLB22 | 6.3 | 14 | 510DAB22 | 6.3 | 3 | 510FAB22 | 6.3 | 14 |
| 490KCB22 | 6.3 | 3 | 510ADB22 | 6.3 | 3 | 510BMB22 | 6.3 | 3 | 510DB22 | 6.3 | 3 | 510FBB22 | 6.3 | 3 |
| 490LB22 | 6.3 | 3 | 510ADFB22 | 6.3 | 31 | 510BNB22 | 6.3 | 3 | 510DCB22 | 6.3 | 3 | 510FCB22 | 6.3 | 19 |
| 490MB22 | 6.3 | 3 | 510ADWB22 | 6.3 | 24 | 510BRB22 | 6.3 | 3 | 510DEB22 | 6.3 | 3 | 510FDB22 | 6.3 | 19 |
| 490NB22 | 6.3 | 3 | 510ADXB22 | 6.3 | 24 | 510BTB22 | 6.3 | 3 | 510DFB22 | 6.3 | 3 | 510FEB22 | 6.3 | 14 |
| 490RB22 | 6.3 | 3 | 510AEB22 | 6.3 | 23 | 510BUB22 | 6.3 | 3 | 510DJB22 | 6.3 | 3 | 510FLB22 | 6.3 | 13 |
| 490SB22 | 6.3 | 3 | 510AEB22 | 6.3 | 3 | 510BVB22 | 6.3 | 3 | 510DKB22 | 6.3 | 3 | 510FMB22 | 6.3 | 25 |
| 490TB22 | 6.3 | 3 | 510AECB22 | 6.3 | 23 | 510BWB22 | 6.3 | 3 | 510DLB22 | 6.3 | 3 | 510FNB22 | 6.3 | 25 |
| 490UB22 | 6.3 | 3 | 510AFB22 | 6.3 | 3 | 510BXB22 | 6.3 | 3 | 510DMB22 | 6.3 | 19 | 510FSB22 | 6.3 | 3 |
| 490VB22 | 6.3 | 3 | 510AGB22 | 6.3 | 3 | 510BXB22 | 6.3 | 3 | 510DNB22 | 6.3 | 3 | 510FTB22 | 6.3 | 19 |
| 490WB22 | 6.3 | 3 | 510AHB22 | 6.3 | 3 | 510BYB22 | 6.3 | 3 | 510DRB22 | 6.3 | 3 | 510FUB22 | 6.3 | 14 |
| 490XB22 | 6.3 | 3 | 510AJB22 | 6.3 | 3 | 510BZB22 | 6.3 | 3 | 510DSB22 | 6.3 | 3 | 510FVB22 | 6.3 | 14 |
| 490YB22 | 6.3 | 3 | 510AKB22 | 6.3 | 3 | 510CAB22 | 6.3 | 3 | 510DTB22 | 6.3 | 14 | 510FWB22 | 6.3 | 1 |
| 490ZB22 | 6.3 | 3 | 510ALB22 | 6.3 | 3 | 510CBB22 | 6.3 | 3 | 510DUB22 | 6.3 | 3 | 510FXB22 | 6.3 | 1 |
| | | | 510AMB22 | 6.3 | 3 | 510CDB22 | 6.3 | 3 | 510DVB22 | 6.3 | 3 | 510FYB22 | 6.3 | 25 |
| 500ELB22 | 6.3 | 3 | 510ANB22 | 6.3 | 3 | 510CEB22 | 6.3 | 3 | 510DXB22 | 6.3 | 27 | 510FZB22 | 6.3 | 15 |
| | | | 510ARB22 | 6.3 | 3 | 510CFB22 | 6.3 | 14 | 510DZB22 | 6.3 | 3 | 510GB22 | 6.3 | 3 |
| 510AB22 | 6.3 | 3 | 510ASB22 | 6.3 | 3 | 510CGB22 | 6.3 | 3 | 510EAB22 | 6.3 | 3 | 510GCB22 | 6.3 | 14 |
| 510ABAB22 | 6.3 | 23 | 510ATB22 | 6.3 | 3 | 510CHB22 | 6.3 | 3 | 510EB22 | 6.3 | 3 | 510GEB22 | 6.3 | 19 |

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See Notes Inside Cover

490DBF22 — 510GEB22

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See Notes Inside Cover

510GHB22 — 510YSB22

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
|----------|--------|----|-----------|--------|----|------------|--------|----|----------|--------|----|----------|--------|----|
| 510GHB22 | 6.3 | 25 | 510QKB22 | 6.3 | 15 | 510LUB22 | 6.3 | 27 | 510RB22 | 6.3 | 3 | 510UDB22 | 6.3 | 23 |
| 510GJB22 | 6.3 | 14 | 510JLB22 | 6.3 | 15 | 510LXB22 | 6.3 | 25 | 510RCB22 | 6.3 | 14 | 510UEB22 | 6.3 | 23 |
| 510GKB22 | 6.3 | 23 | 510JSB22 | 6.3 | 25 | 510LYB22 | 6.3 | 25 | 510RDB22 | 6.3 | 14 | 510UFB22 | 6.3 | 23 |
| 510GLB22 | 6.3 | 13 | 510JUB22 | 6.3 | 25 | 510LZB22 | 6.3 | 15 | 510REB22 | 6.3 | 27 | 510UGB22 | 6.3 | 14 |
| 510GMB22 | 6.3 | 18 | 510JVB22 | 6.3 | 25 | 510MAB22 | 6.3 | 27 | 510RJB22 | 6.3 | 25 | 510UJB22 | 6.3 | 23 |
| 510GNB22 | 6.3 | 25 | 510JYB22 | 6.3 | 14 | 510MCB22 | 6.3 | 14 | 510RKB22 | 6.3 | 18 | 510UKB22 | 6.3 | 25 |
| 510GSB22 | 6.3 | 14 | 510JZB22 | 6.3 | 25 | 510MDB22TC | 6.3 | 18 | 510RMB22 | 6.3 | 18 | 510UTB22 | 6.3 | 23 |
| 510GTB22 | 6.3 | 18 | 510KAB22 | 6.3 | 14 | 510MEB22 | 6.3 | 14 | 510RSB22 | 6.3 | 25 | 510UWB22 | 6.3 | 41 |
| 510GXB22 | 6.3 | 3 | 510KB22 | 6.3 | 3 | 510MHB22 | 6.3 | 23 | 510RUB22 | 6.3 | 25 | 510UXB22 | 6.3 | 25 |
| 510GYB22 | 6.3 | 25 | 510KCB22 | 6.3 | 19 | 510MJB22 | 6.3 | 15 | 510RVB22 | 6.3 | 18 | 510UZB22 | 6.3 | 23 |
| 510GZB22 | 6.3 | 25 | 510KDB22 | 6.3 | 18 | 510MKB22 | 6.3 | 18 | 510RWB22 | 6.3 | 14 | 510VB22 | 6.3 | 3 |
| 510HAB22 | 6.3 | 25 | 510KEB22 | 6.3 | 25 | 510MRB22 | 6.3 | 14 | 510RZB22 | 6.3 | 25 | 510VCB22 | 6.3 | 3 |
| 510HB22 | 6.3 | 3 | 510KGB22 | 6.3 | 14 | 510MSB22 | 6.3 | 14 | 510SB22 | 6.3 | 3 | 510VEB22 | 6.3 | 30 |
| 510HCB22 | 6.3 | 3 | 510KHB22 | 6.3 | 25 | 510MTB22 | 6.3 | 18 | 510SCB22 | 6.3 | 25 | 510VJB22 | 6.3 | 23 |
| 510HFB22 | 6.3 | 18 | 510KJB22 | 6.3 | 25 | 510MVB22 | 6.3 | 15 | 510SFB22 | 6.3 | 25 | 510VSB22 | 6.3 | 23 |
| 510HFB22 | 6.3 | 18 | 510KLB22 | 6.3 | 15 | 510MWB22 | 6.3 | 14 | 510SGB22 | 6.3 | 18 | 510VWB22 | 6.3 | 23 |
| 510HGB22 | 6.3 | 14 | 510KTB22 | 6.3 | 14 | 510MZB22 | 6.3 | 25 | 510SJB22 | 6.3 | 28 | 510VXB22 | 6.3 | 25 |
| 510HJB22 | 6.3 | 15 | 510KWB22 | 6.3 | 25 | 510NAB22 | 6.3 | 14 | 510SKB22 | 6.3 | 23 | 510WB22 | 6.3 | 3 |
| 510HJB22 | 6.3 | 15 | 510KYB22 | 6.3 | 15 | 510NB22 | 6.3 | 3 | 510SLB22 | 6.3 | 23 | 510WEB22 | 6.3 | 23 |
| 510HKB22 | 6.3 | 3 | 510KZB22 | 6.3 | 15 | 510NDB22 | 6.3 | 14 | 510TB22 | 6.3 | 3 | 510WHB22 | 6.3 | 23 |
| 510HMB22 | 6.3 | 14 | 510LAB22 | 6.3 | 15 | 510NEB22 | 6.3 | 14 | 510TDB22 | 6.3 | 25 | 510WJB22 | 6.3 | 23 |
| 510HNB22 | 6.3 | 18 | 510LB22 | 6.3 | 3 | 510NFB22 | 6.3 | 25 | 510TFB22 | 6.3 | 30 | 510WNB22 | 6.3 | 23 |
| 510HRB22 | 6.3 | 25 | 510LCB22 | 6.3 | 25 | 510NHB22 | 6.3 | 14 | 510TGB22 | 6.3 | 30 | 510WXB22 | 6.3 | 30 |
| 510HSB22 | 6.3 | 25 | 510LDB22 | 6.3 | 15 | 510NJB22 | 6.3 | 25 | 510THB22 | 6.3 | 3 | 510XB22 | 6.3 | 3 |
| 510HWB22 | 6.3 | 25 | 510LEB22 | 6.3 | 15 | 510NLB22 | 6.3 | 25 | 510TLB22 | 6.3 | 20 | 510XDB22 | 6.3 | 23 |
| 510HYB22 | 6.3 | 3 | 510LFB22 | 6.3 | 15 | 510NRB22 | 6.3 | 14 | 510TMB22 | 6.3 | 18 | 510XJB22 | 6.3 | 23 |
| 510JB22 | 6.3 | 3 | 510LGB22 | 6.3 | 18 | 510NSB22 | 6.3 | 14 | 510TNB22 | 6.3 | 30 | 510XRB22 | 6.3 | 41 |
| 510JCB22 | 6.3 | 14 | 510LHB22 | 6.3 | 25 | 510NUB22 | 6.3 | 14 | 510TRB22 | 6.3 | 3 | 510XSB22 | 6.3 | 41 |
| 510JDB22 | 6.3 | 19 | 510LKB22 | 6.3 | 19 | 510NVB22 | 6.3 | 3 | 510TSB22 | 6.3 | 23 | 510XTB22 | 6.3 | 23 |
| 510JEB22 | 6.3 | 15 | 510LNB22 | 6.3 | 25 | 510NWB22 | 6.3 | 3 | 510TUB22 | 6.3 | 25 | 510XUB22 | 6.3 | 25 |
| 510JFB22 | 6.3 | 15 | 510LRB22 | 6.3 | 14 | 510NXB22 | 6.3 | 14 | 510TXB22 | 6.3 | 30 | 510XVB22 | 6.3 | 23 |
| 510JGB22 | 6.3 | 25 | 510LSB22P | 6.3 | 19 | 510NYB22 | 6.3 | 15 | 510UB22 | 6.3 | 3 | 510YB22 | 6.3 | 3 |
| 510JHB22 | 6.3 | 25 | 510LTB22P | 6.3 | 18 | 510NZB22 | 6.3 | 30 | 510UCB22 | 6.3 | 23 | 510YSB22 | 6.3 | 24 |

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
|----------|--------|----|----------|--------|----|----------|--------|----|-----------|--------|----|-----------|--------|----|
| 510YUB22 | 6.3 | 23 | 560AVB22 | 6.3 | 18 | 560DAB22 | 6.3 | 25 | 560VB22 | 6.3 | 19 | 670GBB22 | 6.3 | 19 |
| 510YWB22 | 6.3 | 31 | 560AWB22 | 6.3 | 15 | 560DB22 | 6.3 | 3 | 560XB22 | 6.3 | 3 | 670KBB22 | 6.3 | 25 |
| 510YXB22 | 6.3 | 31 | 560AXB22 | 6.3 | 3 | 560DCB22 | 6.3 | 18 | 560XC22 | 6.3 | 21 | 670LBB22 | 6.3 | 18 |
| 510ZAB22 | 6.3 | 24 | 560AYB22 | 6.3 | 14 | 560DEB22 | 6.3 | 23 | 560ZB22 | 6.3 | 19 | 670MBB22 | 6.3 | 18 |
| 510ZB22 | 6.3 | 3 | 560BAB22 | 6.3 | 3 | 560DHB22 | 6.3 | 19 | | | | 670NBB22 | 6.3 | 18 |
| 510ZEB22 | 6.3 | 23 | 560CB22 | 6.3 | 3 | 560DJB22 | 6.3 | 23 | 570AB22 | 6.3 | 17 | 670SBB22 | 6.3 | 18 |
| 510ZTB22 | 6.3 | 30 | 560FB22 | 6.3 | 19 | 560DLB22 | 6.3 | 23 | 570DB22 | 6.3 | 5 | 670TBB22 | 6.3 | 23 |
| | | | 560GB22 | 6.3 | 19 | 560DSB22 | 6.3 | 23 | 570EB22 | 6.3 | 5 | 670YBB22 | 6.3 | 23 |
| 520HB22 | 6.3 | 17 | 560HBB22 | 6.3 | 19 | 560DUB22 | 6.3 | 3 | 570JB22 | 6.3 | 5 | 670CAB22 | 6.3 | 23 |
| 520KB22 | 6.3 | 5 | 560JBB22 | 6.3 | 15 | 560DVB22 | 6.3 | 23 | | | | 670CB22 | 6.3 | 19 |
| 520KTB22 | 6.3 | 5 | 560KBB22 | 6.3 | 14 | 560DYB22 | 6.3 | 23 | 660AB22 | 6.3 | 21 | 670CDB22 | 6.3 | 23 |
| 520RB22 | 6.3 | 36 | 560LBB22 | 6.3 | 25 | 560EB22 | 6.3 | 14 | 660CB22 | 6.3 | 21 | 670CNB22 | 6.3 | 23 |
| 520SB22 | 6.3 | 36 | 560MBB22 | 6.3 | 19 | 560EGB22 | 6.3 | 23 | | | | 670CRB22 | 6.3 | 44 |
| 520XB22 | 6.3 | 36 | 560RBB22 | 6.3 | 14 | 560EMB22 | 6.3 | 30 | 670ACB22 | 6.3 | 19 | 670CUB22 | 6.3 | 3 |
| | | | 560SBB22 | 6.3 | 18 | 560ETB22 | 6.3 | 24 | 670ADB22 | 6.3 | 19 | 670CWB22 | 6.3 | 24 |
| 550AB22 | 6.3 | 3 | 560TBB22 | 6.3 | 18 | 560EYB22 | 6.3 | 24 | 670AEB22 | 6.3 | 19 | 670CZB22 | 6.3 | 24 |
| 550CB22 | 6.3 | 3 | 560UBB22 | 6.3 | 14 | 560EZB22 | 6.3 | 21 | 670AFB22A | 6.3 | 19 | 670DB22 | 6.3 | 19 |
| 550EB22 | 6.3 | 3 | 560VBB22 | 6.3 | 27 | 560FRB22 | 6.3 | 23 | 670AGB22 | 6.3 | 19 | 670DEB22 | 6.3 | 23 |
| 550FB22 | 6.3 | 3 | 560WBB22 | 6.3 | 14 | 560FUB22 | 6.3 | 18 | 670AKB22 | 6.3 | 27 | 670DHB22 | 6.3 | 3 |
| 550GB22 | 6.3 | 3 | 560XBB22 | 6.3 | 19 | 560FWB22 | 6.3 | 31 | 670ALB22 | 6.3 | 14 | 670DNB22 | 6.3 | 24 |
| | | | 560YBB22 | 6.3 | 15 | 560FZB22 | 6.3 | 24 | 670AMB22 | 6.3 | 19 | 670EAB22 | 6.3 | 23 |
| 560AB22 | 6.3 | 3 | 560ZBB22 | 6.3 | 15 | 560GDB22 | 6.3 | 23 | 670ANB22 | 6.3 | 19 | 670EB22 | 6.3 | 19 |
| 560ACB22 | 6.3 | 14 | 560CB22 | 6.3 | 3 | 560GEB22 | 6.3 | 23 | 670ARB22 | 6.3 | 19 | 670ECB22 | 6.3 | 23 |
| 560ADB22 | 6.3 | 19 | 560CFB22 | 6.3 | 14 | 560HB22 | 6.3 | 19 | 670ASB22 | 6.3 | 19 | 670EKB22 | 6.3 | 23 |
| 560AFB22 | 6.3 | 3 | 560CGB22 | 6.3 | 25 | 560JB22 | 6.3 | 19 | 670ATB22 | 6.3 | 14 | 670EKB22A | 6.3 | 23 |
| 560AGB22 | 6.3 | 18 | 560CHB22 | 6.3 | 14 | 560KB22 | 6.3 | 3 | 670AVB22 | 6.3 | 14 | 670EMB22 | 6.3 | 23 |
| 560AJB22 | 6.3 | 14 | 560CLB22 | 6.3 | 25 | 560LB22 | 6.3 | 19 | 670AWB22 | 6.3 | 14 | 670EYB22 | 6.3 | 23 |
| 560AKB22 | 6.3 | 19 | 560CMB22 | 6.3 | 18 | 560MB22 | 6.3 | 19 | 670AXB22 | 6.3 | 18 | 670FB22 | 6.3 | 19 |
| 560AMB22 | 6.3 | 27 | 560CNB22 | 6.3 | 18 | 560NB22 | 6.3 | 3 | 670AYB22 | 6.3 | 14 | 670GB22 | 6.3 | 19 |
| 560ARB22 | 6.3 | 3 | 560CSB22 | 6.3 | 18 | 560RB22 | 6.3 | 3 | 670AZB22 | 6.3 | 14 | 670HBB22 | 6.3 | 19 |
| 560ASB22 | 6.3 | 3 | 560CWB22 | 6.3 | 18 | 560SB22 | 6.3 | 19 | 670B22 | 6.3 | 25 | 670JBB22 | 6.3 | 19 |
| 560ATB22 | 6.3 | 14 | 560CXB22 | 6.3 | 21 | 560TB22 | 6.3 | 19 | 670BCB22 | 6.3 | 25 | 670KBB22 | 6.3 | 19 |
| 560AUB22 | 6.3 | 14 | 560CZB22 | 6.3 | 18 | 560UB22 | 6.3 | 19 | 670BDB22 | 6.3 | 27 | 670LBB22 | 6.3 | 19 |
| | | | | | | | | | 670BB22 | 6.3 | 19 | | | |

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510YUB22 — 670LB22

14 COLOR

See Notes Inside Cover

670MB22 — 522025-022

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
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| 670MB22 | 6.3 | 19 | 1891P22 | 6.3 | 3 | | | | | | | | | |
| 670NB22 | 6.3 | 19 | 1895P22 | 6.3 | 3 | | | | | | | | | |
| 670RB22 | 6.3 | 19 | 1906P22 | 6.3 | 3 | | | | | | | | | |
| 670WB22 | 6.3 | 3 | 1908P22A | 6.3 | 3 | | | | | | | | | |
| 670XB22 | 6.3 | 19 | 1909P22A | 6.3 | 3 | | | | | | | | | |
| 670YB22 | 6.3 | 19 | | | | | | | | | | | | |
| 670ZB22 | 6.3 | 19 | 2701B22 | 6.3 | 31 | | | | | | | | | |
| 680CB22 | 6.3 | 38 | 3701B22 | 6.3 | 25 | | | | | | | | | |
| 680DB22 | 6.3 | 38 | 3702B22 | 6.3 | 31 | | | | | | | | | |
| 680EB22 | 6.3 | 38 | 3707B22 | 6.3 | 27 | | | | | | | | | |
| 680FB22 | 6.3 | 38 | 3708B22 | 6.3 | 23 | | | | | | | | | |
| | | | 3709B22 | 6.3 | 23 | | | | | | | | | |
| 710AB22 | 6.3 | 37 | 3720B22 | 6.3 | 25 | | | | | | | | | |
| | | | 3901B22 | 6.3 | 23 | | | | | | | | | |
| 1819P22 | 6.3 | 2 | | | | | | | | | | | | |
| 1828P22 | 6.3 | 2 | 4201B22 | 6.3 | 25 | | | | | | | | | |
| 1829P22 | 6.3 | 3 | 4702B22 | 6.3 | 25 | | | | | | | | | |
| 1830P22 | 6.3 | 3 | | | | | | | | | | | | |
| 1833P22 | 6.3 | 3 | 5102DB22 | 6.3 | 30 | | | | | | | | | |
| 1834P22 | 6.3 | 3 | 5106B22 | 6.3 | 25 | | | | | | | | | |
| 1835P22 | 6.3 | 3 | 5108B22 | 6.3 | 23 | | | | | | | | | |
| 1836P22 | 6.3 | 3 | 5109B22 | 6.3 | 23 | | | | | | | | | |
| 1837P22 | 6.3 | 2 | 5120B22 | 6.3 | 25 | | | | | | | | | |
| 1838P22 | 6.3 | 3 | | | | | | | | | | | | |
| 1839P22 | 6.3 | 3 | 520257-022 | 6.3 | 3 | | | | | | | | | |
| 1841P22 | 6.3 | 3 | | | | | | | | | | | | |
| 1842P22 | 6.3 | 3 | 522025-022 | 6.3 | 23 | | | | | | | | | |
| 1843P22 | 6.3 | 3 | | | | | | | | | | | | |
| 1845P22 | 6.3 | 3 | | | | | | | | | | | | |
| 1859P22 | 6.3 | 3 | | | | | | | | | | | | |
| 1877P22 | 6.3 | 3 | | | | | | | | | | | | |
| 1879P22 | 6.3 | 3 | | | | | | | | | | | | |

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
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| | | | A22JFR80X | 6.3 | 31 | A29JUN60X | 6.3 | 31 | A33ACD25X | 6.3 | 23 | A34JAJ01X | 6.3 | 31 |
| A13ABQOBM-B | 6.3 | 29 | A22JMB00X | 6.3 | 31 | | | | A33ACD30X | 6.3 | 23 | A34JAN00X | 6.3 | 31 |
| A13ABQOGJ | 6.3 | 29 | A22JWG30X | 6.0 | 31 | | | | A33ACD42X | 6.3 | 23 | A34JAN30X | 6.3 | 31 |
| A13ABQOGJ-G | 6.3 | 29 | A22JWG34X | 6.0 | 31 | A33AAB10X | 6.3 | 24 | A33ACF60X | 6.3 | 25 | A34JAN31X | 6.3 | 31 |
| A13ABQOGT | 6.3 | 29 | A22JWG38X | 6.0 | 31 | A33AAB15X | 6.3 | 24 | A33ACS00X | 6.3 | 31 | A34JAN32X | 6.3 | 31 |
| A13ABQORF-R | 6.3 | 29 | | | | A33AAB16X | 6.3 | 24 | A33ACS01X | 6.3 | 31 | A34JAN40X | 6.3 | 31 |
| A13ABROBM | 6.3 | 29 | A23JAN40X | 6.3 | 31 | A33AAB20X | 6.3 | 23 | A33ADU00X | 6.3 | 23 | A34JAN42X | 6.3 | 31 |
| A13ABROBM-B | 6.3 | 29 | A23JAN56X | 6.3 | 31 | A33AAB30X | 6.3 | 23 | A33ADU65X | 6.3 | 23 | A34JAN51X | 6.3 | 31 |
| A13ABRORF | 6.3 | 29 | A23JAN96X | 6.3 | 31 | A33AAB35X | 6.3 | 23 | A33ADU66X | 6.3 | 23 | A34JAN80X | 6.3 | 31 |
| A13ABRORF-R | 6.3 | 29 | A23JAN99X | 6.3 | 31 | A33AAB36X | 6.3 | 23 | A33ADU75X | 6.3 | 23 | A34JAN90X | 6.3 | 31 |
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| A13JLY00X | 3.3 | 33 | A23JSL24X | 6.3 | 31 | A33AAL01X | 6.3 | 25 | A33ADU92X | 6.3 | 23 | A34JAN92X | 6.3 | 31 |
| | | | A23JTL90X | 6.3 | 31 | A33AAL02X | 6.3 | 25 | A33ADU93X | 6.3 | 23 | A34JAN99X | 6.3 | 31 |
| A14JJD30X | 6.0 | 42 | A23JTL98X | 6.3 | 31 | A33AAL03X | 6.3 | 25 | A33ADU95X | 6.3 | 23 | A34JAP00X | 6.3 | 31 |
| A14JJD60X | 6.0 | 42 | A23JUM60X | 6.3 | 31 | A33AAS40X | 6.3 | 25 | A33ADU96X | 6.3 | 23 | A34JBB00X | 6.3 | 31 |
| A14JJD68X | 6.0 | 32 | A23KJC04X | 6.3 | 31 | A33AAS50X | 6.3 | 25 | A33JKL00X | 6.3 | 24 | A34JBB02X | 6.3 | 31 |
| A14KLL60X | 6.0 | 32 | A23KDK02X | 6.3 | 31 | A33ABD00X | 6.3 | 16 | A33JKL60X | 6.3 | 24 | A34JBB60X | 6.3 | 31 |
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| A14JZC30X | 6.0 | 42 | A23KKB51X | 6.3 | 31 | A33ABE61X | 6.3 | 23 | | | | A34JBH30X | 6.3 | 31 |
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| A18JHC60X | 6.0 | 31 | | | | A33ABL20X | 6.3 | 23 | A34AGH61X | 6.3 | 31 | A34JBH90X | 6.3 | 31 |
| A18JHC90X | 6.0 | 31 | A26JAS01X | 6.3 | 42 | A33ABL30X | 6.3 | 23 | A34AGT11X | 6.3 | 31 | A34JBH99X | 6.3 | 31 |
| A18JPL31X | 6.0 | 31 | A26JAS30X | 6.3 | 42 | A33ABM26X | 6.3 | 23 | A34AGT13X | 6.3 | 31 | A34JBQ00X | 6.3 | 25 |
| | | | A26JAS31X | 6.3 | 42 | A33ABW60X | 6.3 | 25 | A34EAC00X | 6.3 | 31 | A34JBU00X | 6.3 | 36 |
| A20JKU00X | 4.5 | 40 | A26JGZ01X | 6.3 | 31 | A33ABW61X | 6.3 | 25 | A34EAC50X | 6.3 | 31 | A34JBU10X | 6.3 | 36 |
| A20JKU10X | 4.5 | 40 | A26JGZ03X | 6.3 | 31 | A33ABW62X | 6.3 | 25 | A34EAE00X | 6.3 | 31 | A34JBU70X | 6.3 | 36 |
| | | | A26JGZ31X | 6.3 | 31 | A33ACA00X | 6.3 | 23 | A34EAE01X | 6.3 | 31 | A34JCD00X | 6.3 | 31 |
| A22JCM00X | 6.3 | 31 | A26JGZ91X | 6.3 | 31 | A33ACB00X | 6.3 | 23 | A34EAP00X | 6.3 | 31 | A34JCD01X | 6.3 | 31 |
| A22JCM10X | 6.3 | 31 | A26JGZ93X | 6.3 | 31 | A33ACB01X | 6.3 | 23 | A34JAE00X | 6.3 | 31 | A34JCD04X | 6.3 | 31 |
| A22JCN00X | 6.3 | 31 | A26JGZ95X | 6.3 | 31 | A33ACB02X | 6.3 | 23 | A34JAE10X | 6.3 | 31 | A34JCD05X | 6.3 | 31 |
| A22JFR00X | 6.3 | 31 | A26JJE00X | 6.3 | 42 | A33ACB51X | 6.3 | 23 | A34JAE11X | 6.3 | 31 | A34JCD24X | 6.3 | 31 |

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See Notes Inside Cover

A09JEV09X — A34JCD24X

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See Notes Inside Cover

A34JCD30X — A36JSW20X

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
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| A34JCD31X | 6.3 | 31 | A34JLL20X | 6.3 | 31 | A34JRY24X | 6.3 | 31 | A34KCZ24X | 6.3 | 31 | A36JAR00X | 6.3 | 31 |
| A34JCD90X | 6.3 | 31 | A34JLL40X | 6.3 | 31 | A34JSG03X | 6.3 | 31 | A34KFC00XX | 6.3 | 31 | A36JAR01X01 | 6.3 | 31 |
| A34JCD91X | 6.3 | 31 | A34JLL41X | 6.3 | 31 | A34JTB00X | 6.3 | 30 | A34KFC02XX | 6.3 | 31 | A36JAR10X | 6.3 | 31 |
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| A34JDZ00X | 6.3 | 31 | A34JLL73X | 6.3 | 31 | A34JTJ21X | 6.3 | 31 | A34KFC10XX | 6.3 | 31 | A36JAR39X | 6.3 | 31 |
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| A34JFQ40X | 6.3 | 31 | A34JLL99X | 6.3 | 31 | A34JUG00X | 6.3 | 31 | A34KFC62XX | 6.3 | 31 | A36JAR83X | 6.3 | 31 |
| A34JFQ41X | 6.3 | 31 | A34JLN60X | 6.3 | 31 | A34JUG40X | 6.3 | 31 | A34KFC70XX | 6.3 | 31 | A36JAR90 | 6.3 | 31 |
| A34JFQ42X | 6.3 | 31 | A34JLN61X | 6.3 | 31 | A34JVC00X | 6.3 | 23 | A34KFC72XX | 6.3 | 31 | A36JAR91X | 6.3 | 31 |
| A34JFQ90X | 6.3 | 31 | A34JMW20X | 6.3 | 25 | A34JWH05X | 6.3 | 23 | A34KPU02XX | 6.3 | 31 | A36JAR93X | 6.3 | 31 |
| A34JFQ91X | 6.3 | 31 | A34JMW70X | 6.3 | 25 | A34JWH15X | 6.3 | 23 | A34KPU42XX ** | 6.3 | 31 | A36JFT00X | 6.3 | 31 |
| A34JFY00X | 6.3 | 31 | A34JPU60X | 6.3 | 31 | A34JWL00X | 6.3 | 23 | A34KPU920X * | 6.3 | 31 | A36JFT30X | 6.3 | 31 |
| A34JFY50X | 6.3 | 31 | A34JQG00X | 6.3 | 31 | A34JWL40X | 6.3 | 23 | A34KPX10X * | 6.3 | 31 | A36JFT60X | 6.3 | 31 |
| A34JFY80X | 6.3 | 31 | A34JQG90X | 6.3 | 31 | A34JWV60X | 6.3 | 25 | A34KQF60X | 6.3 | 31 | A36JHP00X | 6.3 | 31 |
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| A34JKG60X | 6.3 | 31 | A34JRY00X | 6.3 | 31 | A34KCP02XX | 6.3 | 25 | A36ACG10X | 6.3 | 24 | A36JNS00X | 6.3 | 31 |
| A34JKH00X | 6.3 | 31 | A34JRY01X | 6.3 | 31 | A34KCP12XX | 6.3 | 25 | A36EAE01X | 6.3 | 31 | A36JPA30X | 6.3 | 31 |
| A34JKH30X | 6.3 | 31 | A34JRY04X | 6.3 | 31 | A34KCQ02XX | 6.3 | 23 | A36EAM00X | 6.3 | 31 | A36JSW20X | 6.3 | 31 |

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
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| A36JSW70X | 6.3 | 31 | A38ABE62X | 6.3 | 23 | A38JLL20X | 6.3 | 31 | A41JAR40X | 6.3 | 31 | A43JAN34X | 6.3 | 31 |
| A36JSW90X | 6.3 | 31 | A38ABE63X | 6.3 | 23 | A38JLL40X | 6.3 | 31 | A41JAR41X | 6.3 | 31 | A43JAN35X | 6.3 | 31 |
| A36JUF00X | 6.3 | 31 | A38ABE67X | 6.3 | 23 | A38JLL70X | 6.3 | 31 | A41JAR43X | 6.3 | 31 | A43JAN40X | 6.3 | 31 |
| A36JUF60X | 6.3 | 31 | A38ABL30X | 6.3 | 23 | A38JLL90X | 6.3 | 31 | A41JAR50X | 6.3 | 31 | A43JAN43X | 6.3 | 31 |
| A36KDL02XX | 6.3 | 31 | A38ABW60X | 6.3 | 25 | A38JMW20X | 6.3 | 25 | A41JAR65X | 6.3 | 31 | A43JAN44X | 6.3 | 31 |
| A36KDL07XX | 6.3 | 31 | A38ABW61X | 6.3 | 25 | A38JMW70X | 6.3 | 25 | A41JHP00X | 6.3 | 31 | A43JAN90X | 6.3 | 31 |
| | | | A38ABW62X | 6.3 | 25 | A38JRD30X | 6.3 | 31 | A41JHP90X | 6.3 | 31 | A43JAN93X | 6.3 | 31 |
| A37-161X | 6.3 | 3 | A38ACF60X | 6.3 | 25 | A38JRL00X | 6.3 | 23 | A41JHR00X | 6.3 | 23 | A43JAY00X | 6.3 | 23 |
| A37-420X | 6.3 | 24 | A38EAC00X | 6.3 | 31 | A38JSM00X | 6.3 | 23 | A41JHR90X | 6.3 | 23 | A43JAY02X | 6.3 | 23 |
| A37-471X | 6.3 | 31 | A38EAC50X | 6.3 | 31 | A38JSM03X | 6.3 | 23 | A41KYD040X | 6.3 | 31 | A43JBE50X | 6.3 | 23 |
| A37-550X | 6.3 | 14 | A38EAP00X | 6.3 | 31 | A38JSM23X | 6.3 | 23 | | | | A43JBT01X | 6.3 | 23 |
| A37-552X | 6.3 | 14 | A38JAH23X | 6.3 | 24 | A38JTM90X | 6.3 | 25 | A42-100X | 6.3 | 14 | A43JCD01X | 6.3 | 31 |
| A37-554X | 6.3 | 25 | A38JAH40X | 6.3 | 24 | A38JWA00X * | 6.3 | 23 | A42-161X | 6.3 | 14 | A43JCD05X | 6.3 | 31 |
| A37-570X | 6.3 | 25 | A38JAK70X | 6.3 | 30 | A38JWA30X | 6.3 | 23 | A42-268 | 6.3 | 18 | A43JCD07X | 6.3 | 31 |
| A37-573X | 6.3 | 25 | A38JAN30X | 6.3 | 31 | A38JXL00X | 6.3 | 31 | A42-420X | 6.3 | 24 | A43JCD08X | 6.3 | 31 |
| A37-590X | 6.3 | 23 | A38JAN40X | 6.3 | 31 | A38JYA30X | 6.3 | 31 | A42-426X | 6.3 | 24 | A43JCD95X | 6.3 | 31 |
| A37-591X | 6.3 | 24 | A38JAN80X | 6.3 | 31 | A38KAE30X | 6.3 | 31 | A42-472X | 6.3 | 31 | A43JCE01X | 6.3 | 31 |
| A37-471X | 6.3 | 31 | A38JAN81X | 6.3 | 31 | A38KAE40X | 6.3 | 31 | A42-554X | 6.3 | 14 | A43JCE10X | 6.3 | 31 |
| A37-550X | 6.3 | 14 | A38JAN82X | 6.3 | 31 | A38KDE02XX | 6.3 | 25 | A42-556X | 6.3 | 14 | A43JCT02X | 6.3 | 23 |
| A37-552X | 6.3 | 14 | A38JAN91X | 6.3 | 31 | A38KDE12XX | 6.3 | 25 | A42-570X | 6.3 | 25 | A43JDK00X | 6.3 | 23 |
| A37-554X | 6.3 | 25 | A38JBH05X | 6.3 | 31 | A38KDF02XX | 6.3 | 23 | A42-590X | 6.3 | 23 | A43JDK20X | 6.3 | 23 |
| A37-570X | 6.3 | 25 | A38JBH36X | 6.3 | 31 | A38KDF12XX | 6.3 | 23 | A42-591X | 6.3 | 24 | A43JDS00X | 6.3 | 30 |
| A37-573X | 6.3 | 25 | A38JBH50X | 6.3 | 31 | A38KGE12XX | 6.3 | 24 | A42-592X | 6.3 | 23 | A43JEH05X | 6.3 | 23 |
| A37-590X | 6.3 | 23 | A38JBN90X | 6.3 | 30 | A38KQZ51X | 6.3 | 25 | A42-593X | 6.3 | 24 | A43JGW01X | 6.3 | 23 |
| A37-591X | 6.3 | 24 | A38JCD05X | 6.3 | 31 | A38KPA53X | 6.3 | 23 | | | | A43JFF00X | 6.3 | 23 |
| A37-598X | 6.3 | 23 | A38JCD95X | 6.3 | 31 | A38KUX02XX | 6.3 | 25 | A43AAZ00X | 6.3 | 23 | A43JLL20X | 6.3 | 31 |
| A37-599X | 6.3 | 23 | A38JDB36X | 6.3 | 23 | A38KUY02XX | 6.3 | 23 | A43AAZ21X | 6.3 | 23 | A43JLL40X | 6.3 | 31 |
| | | | A38JEY00X | 6.3 | 31 | | | | A43ACR25X | 6.3 | 23 | A43JLL70X | 6.3 | 31 |
| A38-11X | 6.3 | 3 | A38JFH00X | 6.3 | 31 | A41EAM00X | 6.3 | 31 | A43ACR24X | 6.3 | 23 | A43JLL90X | 6.3 | 31 |
| A38-12X | 6.3 | 3 | A38JFH30X | 6.3 | 31 | A41EAM11X | 6.3 | 31 | A43ADU45X | 6.3 | 23 | A43JLP06X | 6.3 | 23 |
| A38AAB10X | 6.3 | 24 | A38JFH90X | 6.3 | 31 | A41JAR00X | 6.3 | 31 | A43ADU46X | 6.3 | 23 | A43JQF00X | 6.3 | 31 |
| A38ABE60X | 6.3 | 23 | A38JFY05X | 6.3 | 31 | A41JAR01X | 6.3 | 31 | A43JAN30X | 6.3 | 31 | A43JQF60X | 6.3 | 31 |

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See Notes Inside Cover

A36JSW40X — A43JQF60X

18 COLOR

See Notes Inside Cover

A43JQS00X — A48AFN00X

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
|-------------|--------|----|-----------|--------|----|-------------|--------|----|-----------|--------|----|-----------|--------|----|
| A43JQS00X | 6.3 | 23 | A46JAR44X | 6.3 | 31 | A46JJS03X | 6.3 | 31 | A48AAG01X | 6.3 | 23 | A48ABK06X | 6.3 | 31 |
| A43JRE00X | 6.3 | 25 | A46JAR45X | 6.3 | 31 | A46JNT00X | 6.3 | 23 | A48AAG02X | 6.3 | 23 | A48ABK07X | 6.3 | 31 |
| A43JRE08X | 6.3 | 25 | A46JAR50X | 6.3 | 31 | A46JPE90X | 6.3 | 31 | A48AAJ00X | 6.3 | 23 | A48ABS51X | 6.3 | 20 |
| A43JRK00X | 6.3 | 31 | A46JAR60X | 6.3 | 31 | A46JPE96X | 6.3 | 31 | A48AAJ33X | 6.3 | 23 | A48ABS52X | 6.3 | 20 |
| A43JRQ00X | 6.3 | 23 | A46JAR61X | 6.3 | 31 | A46JSF01X | 6.3 | 31 | A48AAK03X | 6.3 | 23 | A48ABT02X | 6.3 | 23 |
| A43JSQ00X | 6.3 | 23 | A46JAR62X | 6.3 | 31 | A46JSW20X | 6.3 | 31 | A48AAK04X | 6.3 | 23 | A48ABT51X | 6.3 | 23 |
| A43JUG00X | 6.3 | 31 | A46JAR83X | 6.3 | 31 | A46JSW70X | 6.3 | 31 | A48AAK05X | 6.3 | 23 | A48ABT52X | 6.3 | 23 |
| A43JUG40X | 6.3 | 31 | A46JAR90X | 6.3 | 31 | A46JUL91X | 6.3 | 31 | A48AAN01X | 6.3 | 23 | A48ABW20X | 6.3 | 25 |
| A43JUK00X | 6.3 | 30 | A46JAR93X | 6.3 | 31 | A46JXM91X * | 6.3 | 31 | A48AAN02X | 6.3 | 23 | A48ABW25X | 6.3 | 25 |
| A43JUK04X | 6.3 | 30 | A46JAR96X | 6.3 | 31 | A46JXW91X | 6.3 | 31 | A48AAP02X | 6.3 | 23 | A48ABW60X | 6.3 | 25 |
| A43JUK08X | 6.3 | 30 | A46JAR97X | 6.3 | 31 | | | | A48AAR00X | 6.3 | 23 | A48ABY00X | 6.3 | 25 |
| A43JXJ01X * | 6.3 | 31 | A46JAR98X | 6.3 | 31 | A47-342X | 6.3 | 3 | A48AAR21X | 6.3 | 23 | A48ACB00X | 6.3 | 23 |
| A43JZG61X | 6.3 | 23 | A46JDL00X | 6.3 | 31 | A47-343X | 6.3 | 3 | A48AAR25X | 6.3 | 23 | A48ACB01X | 6.3 | 23 |
| A43KAR60X | 6.3 | 31 | A46JDL01X | 6.3 | 31 | A47-550X | 6.3 | 14 | A48AAR28X | 6.3 | 23 | A48ACB02X | 6.3 | 23 |
| A43KDG02XX | 6.3 | 25 | A46JDL10X | 6.3 | 31 | A47-552X | 6.3 | 14 | A48AAR29X | 6.3 | 23 | A48ACB12X | 6.3 | 23 |
| A43KDG12XX | 6.3 | 25 | A46JDL30X | 6.3 | 31 | | | | A48AAR30X | 6.3 | 23 | A48ACB24X | 6.3 | 23 |
| A43KDH02XX | 6.3 | 23 | A46JDL60X | 6.3 | 31 | A48AAB00X | 6.3 | 23 | A48AAR50X | 6.3 | 23 | A48ACB25X | 6.3 | 23 |
| A43KDH12XX | 6.3 | 23 | A46JDL61X | 6.3 | 31 | A48AAB10X | 6.3 | 24 | A48AAX01X | 6.3 | 23 | A48ACB32X | 6.3 | 23 |
| A43KGN60X | 6.3 | 31 | A46JED60X | 6.3 | 31 | A48AAB11X | 6.3 | 24 | A48AAX02X | 6.3 | 23 | A48ACB52X | 6.3 | 23 |
| A43KRB81X | 6.3 | 25 | A46JHL00X | 6.3 | 31 | A48AAB12X | 6.3 | 23 | A48AAZ06X | 6.3 | 23 | A48ACD30X | 6.3 | 23 |
| A43KV60X | 6.3 | 23 | A46JHP31X | 6.3 | 31 | A48AAB13X | 6.3 | 23 | A48AAZ26X | 6.3 | 23 | A48ACD35X | 6.3 | 23 |
| A43KVC61X | 6.3 | 23 | A46JHP32X | 6.3 | 31 | A48AAB20X | 6.3 | 23 | A48ABB00X | 6.3 | 20 | A48ACE26X | 6.3 | 23 |
| | | | A46JHP33X | 6.3 | 31 | A48AAB21X | 6.3 | 23 | A48ABE10X | 6.3 | 24 | A48ACE40X | 6.3 | 23 |
| A44-271X | 6.3 | 3 | A46JHP91X | 6.3 | 31 | A48AAB22X | 6.3 | 23 | A48ABE60X | 6.3 | 23 | A48ADE00X | 6.3 | 31 |
| A44JFU00X | 6.3 | 5 | A46JHP92X | 6.3 | 31 | A48AAB26X | 6.3 | 23 | A48ABE65X | 6.3 | 23 | A48ADE01X | 6.3 | 31 |
| A44JFZ00X | 6.3 | 36 | A46JHP93X | 6.3 | 31 | A48AAB27X | 6.3 | 23 | A48ABH20X | 6.3 | 23 | A48ADE22X | 6.3 | 31 |
| A44JFZ10X | 6.3 | 36 | A46JHR00X | 6.3 | 23 | A48AAB30X | 6.3 | 23 | A48ABH26X | 6.3 | 23 | A48ADF00X | 6.3 | 31 |
| | | | A46JHR30X | 6.3 | 23 | A48AAB35X | 6.3 | 23 | A48ABK00X | 6.3 | 31 | A48ADG00X | 6.3 | 23 |
| A46JAR00X | 6.3 | 31 | A46JJU00X | 6.3 | 31 | A48AAB36X | 6.3 | 23 | A48ABK01X | 6.3 | 31 | A48ADU55X | 6.3 | 23 |
| A46JAR33X | 6.3 | 31 | A46JJU60X | 6.3 | 31 | A48AAB37X | 6.3 | 23 | A48ABK02X | 6.3 | 31 | A48ADU56X | 6.3 | 23 |
| A46JAR40X | 6.3 | 31 | A46JJK60X | 6.3 | 31 | A48AAB50X | 6.3 | 23 | A48ABK03X | 6.3 | 31 | A48AEY10X | 6.3 | 31 |
| A46JAR42X | 6.3 | 31 | A46JLL00X | 6.3 | 23 | A48AAB60X | 6.3 | 23 | A48ABK04X | 6.3 | 31 | A48AEY50X | 6.3 | 31 |
| A46JAR43X | 6.3 | 31 | A46JJS01X | 6.3 | 31 | A48AAD10X | 6.3 | 24 | A48ABK05X | 6.3 | 31 | A48AFN00X | 6.3 | 31 |

| Type | Heater | CR | Type | Heater | CR |
|-----------|--------|----|-----------|--------|----|-----------|--------|----|-----------|--------|----|------------|--------|----|
| A48AFN22X | 6.3 | 31 | A48JAN43X | 6.3 | 31 | A48JCL00X | 6.3 | 23 | A48JMX70X | 6.3 | 25 | A48JTN31X | 6.3 | 23 |
| A48AFN35X | 6.3 | 31 | A48JAN44X | 6.3 | 31 | A48JCL22X | 6.3 | 23 | A48JMX90X | 6.3 | 25 | A48JUE68X | 6.3 | 24 |
| A48AFN36X | 6.3 | 31 | A48JAN45X | 6.3 | 31 | A48JCL30X | 6.3 | 23 | A48JNW00X | 6.3 | 23 | A48JUJ20X | 6.3 | 23 |
| A48AFN40X | 6.3 | 31 | A48JAN46X | 6.3 | 31 | A48JDD00X | 6.3 | 31 | A48JNW20X | 6.3 | 23 | A48JVS61X | 6.3 | 23 |
| A48AFN42X | 6.3 | 31 | A48JAN50X | 6.3 | 31 | A48JDD01X | 6.3 | 31 | A48JPZ60X | 6.3 | 23 | A48JWH10X | 6.3 | 23 |
| A48AFN86X | 6.3 | 31 | A48JAN83X | 6.3 | 31 | A48JDD02X | 6.3 | 31 | A48JRK10X | 6.3 | 31 | A48JWH11X | 6.3 | 23 |
| A48AFS04X | 6.3 | 31 | A48JAN90X | 6.3 | 31 | A48JDK00X | 6.3 | 23 | A48JQA60X | 6.3 | 23 | A48JXP01X | 6.3 | 31 |
| A48AFS05X | 6.3 | 31 | A48JAN91X | 6.3 | 31 | A48JDK01X | 6.3 | 23 | A48JQG50X | 6.3 | 31 | A48KAD00X | 6.3 | 23 |
| A48AFZ66X | 6.3 | 23 | A48JAN92X | 6.3 | 31 | A48JDS00X | 6.3 | 30 | A48JQG60X | 6.3 | 31 | A48KAD20X | 6.3 | 23 |
| A48AGD01X | 6.3 | 23 | A48JAQ00X | 6.3 | 31 | A48JEH05X | 6.3 | 23 | A48JQG90X | 6.3 | 31 | A48KCN00X | 6.3 | 31 |
| A48AGD02X | 6.3 | 23 | A48JAU00X | 6.3 | 23 | A48JEX01X | 6.3 | 23 | A48JQG93X | 6.3 | 31 | A48KCN43X | 6.3 | 31 |
| A48AGD10X | 6.3 | 23 | A48JAZ70X | 6.3 | 30 | A48JEX03X | 6.3 | 23 | A48JQH00X | 6.3 | 31 | A48KCN45X | 6.3 | 31 |
| A48AGD11X | 6.3 | 23 | A48JAZ90X | 6.3 | 30 | A48JFH00X | 6.3 | 31 | A48JQH30X | 6.3 | 31 | A48KCR02XX | 6.3 | 25 |
| A48AGD12X | 6.3 | 23 | A48JBE30X | 6.3 | 23 | A48JGR36X | 6.3 | 24 | A48JQH40X | 6.3 | 31 | A48KCR12XX | 6.3 | 25 |
| A48AGJ60X | 6.3 | 23 | A48JBE39X | 6.3 | 23 | A48JGR40X | 6.3 | 23 | A48JQH50X | 6.3 | 31 | A48KCS02XX | 6.3 | 23 |
| A48AGJ61X | 6.3 | 23 | A48JBH00X | 6.3 | 31 | A48JGR43X | 6.3 | 23 | A48JQH60X | 6.3 | 31 | A48KCS12XX | 6.3 | 23 |
| A48AGY13X | 6.3 | 23 | A48JBH36X | 6.3 | 31 | A48JGR46X | 6.3 | 23 | A48JQH90X | 6.3 | 31 | A48KCS60XX | 6.3 | 23 |
| A48EAB00X | 6.3 | 24 | A48JBH40X | 6.3 | 31 | A48JJB90X | 6.3 | 25 | A48JQH93X | 6.3 | 31 | A48KCS70XX | 6.3 | 23 |
| A48EAB01X | 6.3 | 24 | A48JBK00X | 6.3 | 23 | A48JJY01X | 6.3 | 24 | A48JQL60X | 6.3 | 23 | A48KGE10XX | 6.3 | 24 |
| A48EAC00X | 6.3 | 31 | A48JBM05X | 6.3 | 23 | A48JJY51X | 6.3 | 23 | A48JQT00X | 6.3 | 23 | A48KGE12XX | 6.3 | 24 |
| A48EAP00X | 6.3 | 31 | A48JBM26X | 6.3 | 23 | A48JJY61X | 6.3 | 23 | A48JQV60X | 6.3 | 31 | A48KHU60X | 6.3 | 31 |
| A48JAF01X | 6.3 | 23 | A48JBM90X | 6.3 | 23 | A48JJY81X | 6.3 | 23 | A48JRV20X | 6.3 | 23 | A48KJH60X | 6.3 | 23 |
| A48JAF11X | 6.3 | 23 | A48JBM95X | 6.3 | 23 | A48JKL00X | 6.3 | 23 | A48JRV40X | 6.3 | 23 | A48KJX000X | 6.3 | 30 |
| A48JAH05X | 6.3 | 23 | A48JBQ10X | 6.3 | 25 | A48JKL08X | 6.3 | 24 | A48JRV70X | 6.3 | 23 | A48KJX004X | 6.3 | 30 |
| A48JAH39X | 6.3 | 23 | A48JBS01X | 6.3 | 23 | A48JKL60X | 6.3 | 23 | A48JRV90X | 6.3 | 23 | A48KKM60X | 6.3 | 31 |
| A48JAH40X | 6.3 | 24 | A48JBV00X | 6.3 | 23 | A48JKL68X | 6.3 | 24 | A48JRV93X | 6.3 | 24 | A48KLD50X | 6.3 | 31 |
| A48JAH59X | 6.3 | 23 | A48JCD05X | 6.3 | 31 | A48JLL20X | 6.3 | 31 | A48JSH11X | 6.3 | 31 | A48KLD52X | 6.3 | 31 |
| A48JAH80X | 6.3 | 23 | A48JCD08X | 6.3 | 31 | A48JLL40X | 6.3 | 31 | A48JSK61X | 6.3 | 23 | A48KLD60X | 6.3 | 31 |
| A48JAK70X | 6.3 | 30 | A48JCD09X | 6.3 | 31 | A48JLL41X | 6.3 | 31 | A48JSN20X | 6.3 | 23 | A48KLD83X | 6.3 | 31 |
| A48JAN33X | 6.3 | 31 | A48JCD29X | 6.3 | 31 | A48JLL70X | 6.3 | 31 | A48JSQ00X | 6.3 | 23 | A48KLD90X | 6.3 | 31 |
| A48JAN34X | 6.3 | 31 | A48JCD95X | 6.3 | 31 | A48JLL90X | 6.3 | 31 | A48JSZ60X | 6.3 | 23 | A48KLD91X | 6.3 | 31 |
| A48JAN35X | 6.3 | 31 | A48JCD98X | 6.3 | 31 | A48JMX20X | 6.3 | 25 | | | | A48KLD92X | 6.3 | 31 |
| A48JAN40X | 6.3 | 31 | A48JCF00X | 6.3 | 31 | A48JMX40X | 6.3 | 25 | A48JTM90X | 6.3 | 25 | A48KLE90X | 6.3 | 31 |

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See Notes Inside Cover

A48AFN22X — A48KLE90X

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See Notes Inside Cover

A48KLG23X — A51EAT01X

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
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| A48KLG23X | 6.3 | 23 | A49-14X | 6.3 | 3 | A51-421X | 6.3 | 24 | A51ACG26X | 6.3 | 23 | A51AEZ51X | 6.3 | 23 |
| A48KMW00XX | 6.3 | 25 | A49-15X | 6.3 | 3 | A51-422X | 6.3 | 24 | A51ACG27X | 6.3 | 23 | A51AFJ02X | 6.3 | 31 |
| A48KMW02XX | 6.3 | 25 | A49-16X | 6.3 | 3 | A51-423X | 6.3 | 24 | A51ACG28X | 6.3 | 23 | A51AFJ03X | 6.3 | 31 |
| A48KMW10XX | 6.3 | 25 | A49-17X | 6.3 | 3 | A51-424X | 6.3 | 23 | A51ACG29X | 6.3 | 23 | A51AFJ32X | 6.3 | 31 |
| A48KMW12XX | 6.3 | 25 | A49-18X | 6.3 | 3 | A51-425X | 6.3 | 23 | A51ACG30X | 6.3 | 23 | A51AFK02X | 6.3 | 23 |
| A48KMX00XX | 6.3 | 23 | A49-120X | 6.3 | 3 | A51-426X | 6.3 | 24 | A51ACG31X | 6.3 | 23 | A51AFK03X | 6.3 | 23 |
| A48KMX02XX | 6.3 | 23 | A49-190X | 6.3 | 3 | A51-427X | 6.3 | 23 | A51ACG32X | 6.3 | 23 | A51AFM10X | 6.3 | 23 |
| A48KMX10XX | 6.3 | 23 | A49-191X | 6.3 | 3 | A51-469X | 6.3 | 31 | A51ACG33X | 6.3 | 23 | A51AFQ00X | 6.3 | 31 |
| A48KMX12XX | 6.3 | 23 | A49-192X | 6.3 | 3 | A51-500X | 6.3 | 21 | A51ACG34X * | 6.3 | 23 | A51AFQ01X | 6.3 | 31 |
| A48KMY10XX | 6.3 | 24 | A49-200X | 6.3 | 3 | A51-510X | 6.3 | 21 | A51ACG50X | 6.3 | 23 | A51AGD00X | 6.3 | 23 |
| A48KMY12XX | 6.3 | 24 | A49JHT00X | 6.3 | 36 | A51-540X | 6.3 | 21 | A51ACG51X | 6.3 | 23 | A51AGD02X | 6.3 | 23 |
| A48KRC81X | 6.3 | 25 | A49JHT50X | 6.3 | 36 | A51-550X | 6.3 | 14 | A51ACG55X | 6.3 | 24 | A51AGD12X | 6.3 | 23 |
| A48KRD82X | 6.3 | 23 | A49JHT70X | 6.3 | 36 | A51-556X | 6.3 | 25 | A51ACG65X | 6.3 | 23 | A51AGD33X | 6.3 | 23 |
| A48KTT60X | 6.3 | 23 | A49LGH40X | 6.3 | 31 | A51-570X | 6.3 | 25 | A51ACT00X | 6.3 | 23 | A51AGK10X | 6.3 | 23 |
| A48KTT61X | 6.3 | 23 | | | | A51-572X | 6.3 | 25 | A51ACT26X | 6.3 | 23 | A51AGK15X * | 6.3 | 23 |
| A48KUV02XX | 6.3 | 23 | A51-110X | 6.3 | 3 | A51-575X | 6.3 | 25 | A51ADL00X | 6.3 | 23 | A51AGP90X | 6.3 | 31 |
| A48KUV020X | 6.3 | 23 | A51-161X | 6.3 | 18 | A51-580X | 6.3 | 23 | A51ADM20X | 6.3 | 23 | A51AGU66X | 6.3 | 23 |
| A48KUV12XX | 6.3 | 23 | A51-168X | 6.3 | 18 | A51-590X | 6.3 | 23 | A51ADM25X | 6.3 | 23 | A51EAF00X | 6.3 | 24 |
| A48KXR92X | 6.3 | 23 | A51-170X | 6.3 | 3 | A51-591X | 6.3 | 24 | A51ADM35X | 6.3 | 23 | A51EAF01X | 6.3 | 24 |
| A48KXR98X | 6.3 | 23 | A51-180X | 6.3 | 3 | A51ABU10X | 6.3 | 24 | A51ADR26X | 6.3 | 23 | A51EAK00X | 6.3 | 23 |
| A48KZL70X | 6.3 | 31 | A51-190X | 6.3 | 14 | A51ABU14X | 6.3 | 23 | A51ADR40X | 6.3 | 23 | A51EAK01X | 6.3 | 23 |
| A48KZL72X | 6.3 | 31 | A51-191X | 6.3 | 14 | A51ABU25X | 6.3 | 23 | A51ADU85X | 6.3 | 23 | A51EAL00X | 6.3 | 23 |
| A48KZL90X | 6.3 | 31 | A51-210X | 6.3 | 18 | A51ABU51X | 6.3 | 23 | A51ADU86X | 6.3 | 23 | A51EAL10X | 6.3 | 24 |
| A48KZL92X | 6.3 | 31 | A51-211X | 6.3 | 25 | A51ABU55X | 6.3 | 24 | A51ADU95X | 6.3 | 23 | A51EAL20X | 6.3 | 23 |
| A48KZX60X | 6.3 | 23 | A51-213X | 6.3 | 15 | A51ACB02X | 6.3 | 23 | A51ADU96X | 6.3 | 23 | A51EAL30X | 6.3 | 23 |
| A48LFV11X * | 6.3 | 23 | A51-214X | 6.3 | 15 | A51ACB12X | 6.3 | 23 | A51ADY00X | 6.3 | 31 | A51EAL55X | 6.3 | 23 |
| A48LGP43X | 6.3 | 23 | A51-215X | 6.3 | 18 | A51ACC10X | 6.3 | 24 | A51ADY01X | 6.3 | 31 | A51EAM00X | 6.3 | 31 |
| A48LGS10X | 6.3 | 31 | A51-230X | 6.3 | 23 | A51ACG10X | 6.3 | 24 | A51ADY02X | 6.3 | 31 | A51EAS00X | 6.3 | 24 |
| A48QAD220X * | 6.3 | 23 | A51-231X | 6.3 | 24 | A51ACG14X | 6.3 | 23 | A51ADY03X | 6.3 | 31 | A51EAS02X | 6.3 | 23 |
| A48QAD320X * | 6.3 | 23 | A51-232X | 6.3 | 24 | A51ACG15X | 6.3 | 23 | A51ADY04X | 6.3 | 31 | A51EAS10X | 6.3 | 24 |
| | | | A51-263X | 6.3 | 18 | A51ACG20X | 6.3 | 23 | A51ADZ00X | 6.3 | 23 | A51EAS12X | 6.3 | 23 |
| A49-11X | 6.3 | 3 | A51-270X | 6.3 | 18 | A51ACG21X | 6.3 | 23 | A51AEZ10X | 6.3 | 23 | A51EAT00X | 6.3 | 24 |
| A49-12X | 6.3 | 3 | A51-420X | 6.3 | 24 | A51ACG25X | 6.3 | 23 | A51AEZ50X | 6.3 | 23 | A51EAT01X | 6.3 | 24 |

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
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| A51EAT11X | 6.3 | 24 | A51JAR43X | 6.3 | 31 | A51JCC31X | 6.3 | 23 | A51JPE30X | 6.3 | 31 | A51JSY63X | 6.3 | 23 |
| A51EAT12X | 6.3 | 23 | A51JAR44X | 6.3 | 31 | A51JCC33X | 6.3 | 23 | A51JPE43X | 6.3 | 31 | A51JSY69X | 6.3 | 24 |
| A51EBD00X | 6.3 | 23 | A51JAR45X | 6.3 | 31 | A51JCC51X | 6.3 | 23 | A51JPE60X | 6.3 | 31 | A51JTA60X | 6.3 | 23 |
| A51EBD10X | 6.3 | 23 | A51JAR46X | 6.3 | 31 | A51JCC61X | 6.3 | 23 | A51JPE90X | 6.3 | 31 | A51JUL91X | 6.3 | 31 |
| A51EBS00X | 6.3 | 23 | A51JAR50X | 6.3 | 31 | A51JCC80X | 6.3 | 23 | A51JPE96X | 6.3 | 31 | A51JVJ31X | 6.3 | 31 |
| A51EBS10X | 6.3 | 23 | A51JAR59X | 6.3 | 31 | A51JCC81X | 6.3 | 23 | A51JPE99X | 6.3 | 31 | A51JVJ91X | 6.3 | 31 |
| A51EBS20X | 6.3 | 23 | A51JAR60X | 6.3 | 31 | A51JCC90X | 6.3 | 23 | A51JQE01X | 6.3 | 23 | A51JVP60X | 6.3 | 31 |
| A51EBS30X | 6.3 | 23 | A51JAR61X | 6.3 | 31 | A51JCC91X | 6.3 | 23 | A51JRF60X | 6.3 | 23 | A51JVP80X | 6.3 | 31 |
| A51EBV00X | 6.3 | 24 | A51JAR62X | 6.3 | 31 | A51JEW00X | 6.3 | 30 | A51JRU30X | 6.3 | 23 | A51JXS61X | 6.3 | 23 |
| A51EBV01X | 6.3 | 24 | A51JAR65X | 6.3 | 31 | A51JFC00X | 6.3 | 23 | A51JRU31X | 6.3 | 23 | A51JXS68X | 6.3 | 23 |
| A51EBV02X | 6.3 | 23 | A51JAR66X | 6.3 | 31 | A51JFC01X | 6.3 | 23 | A51JRU34X | 6.3 | 23 | A51JXS91X | 6.3 | 23 |
| A51EBV10X | 6.3 | 24 | A51JAR67X | 6.3 | 31 | A51JFC09X | 6.3 | 24 | A51JRU40X | 6.3 | 23 | A51JXS95X | 6.3 | 23 |
| A51EBV12X | 6.3 | 23 | A51JAR70X | 6.3 | 31 | A51JFC30X | 6.3 | 23 | A51JRU41X | 6.3 | 23 | A51JXS97X | 6.3 | 23 |
| A51EBV80X | 6.3 | 24 | A51JAR71X | 6.3 | 31 | A51JFC60X | 6.3 | 23 | A51JRU42X | 6.3 | 23 | A51JXS98X | 6.3 | 23 |
| A51EBV82X | 6.3 | 23 | A51JAR72X | 6.3 | 31 | A51JFC61X | 6.3 | 23 | A51JRU46X | 6.3 | 23 | A51JYR10X | 6.3 | 31 |
| A51EBV90X | 6.3 | 24 | A51JAR76X | 6.3 | 31 | A51JFC62X | 6.3 | 23 | A51JRU50X | 6.3 | 23 | A51JZE23X | 6.3 | 23 |
| A51EBV92X | 6.3 | 23 | A51JAR83X | 6.3 | 31 | A51JFC69X | 6.3 | 24 | A51JRU76X | 6.3 | 23 | A51KAK02XX | 6.3 | 23 |
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| A51ECN10X | 6.3 | 24 | A51JAR91X | 6.3 | 31 | A51JFF00X | 6.3 | 23 | A51JRU96X | 6.3 | 23 | A51KAK12XX | 6.3 | 23 |
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| A51ECQ01X | 6.3 | 23 | A51JAR95X | 6.3 | 31 | A51JFF62X | 6.3 | 23 | A51JSW20X | 6.3 | 31 | A51KAS11X | 6.3 | 23 |
| A51ECQ10X | 6.3 | 23 | A51JAR96X | 6.3 | 31 | A51JL00X | 6.3 | 23 | A51JSW40X | 6.3 | 31 | A51KAS21X | 6.3 | 23 |
| A51ECQ11X | 6.3 | 23 | A51JAR97X | 6.3 | 31 | A51JL30X | 6.3 | 23 | A51JSW41X | 6.3 | 31 | A51KAS23X | 6.3 | 23 |
| A51JAR00X | 6.3 | 31 | A51JAR98X | 6.3 | 31 | A51JL90X | 6.3 | 23 | A51JSW42X | 6.3 | 31 | A51KAS31X | 6.3 | 23 |
| A51JAR03X | 6.3 | 31 | A51JAR99X | 6.3 | 31 | A51JL99X | 6.3 | 23 | A51JSW70X | 6.3 | 31 | A51KAS51X | 6.3 | 23 |
| A51JAR10X | 6.3 | 31 | A51JCC01X | 6.3 | 23 | A51JKY04X | 6.3 | 23 | A51JSW90X | 6.3 | 31 | A51KAS53X | 6.3 | 23 |
| A51JAR30X | 6.3 | 31 | A51JCC02XE | 6.3 | 23 | A51JKY34X | 6.3 | 23 | A51JSW91X | 6.3 | 31 | A51KAS61X | 6.3 | 24 |
| A51JAR31X | 6.3 | 31 | A51JCC03X | 6.3 | 23 | A51JKY94X | 6.3 | 23 | A51JSW92X | 6.3 | 31 | A51KAS71X * | 6.3 | 23 |
| A51JAR33X | 6.3 | 31 | A51JCC09X | 6.3 | 23 | A51JML03X | 6.3 | 23 | A51JSX01X | 6.3 | 31 | A51KAS81X | 6.3 | 23 |
| A51JAR34X | 6.3 | 31 | A51JCC11X | 6.3 | 23 | A51JML11X | 6.3 | 23 | A51JSX61X | 6.3 | 31 | A51KAT11X | 6.3 | 23 |
| A51JAR35X | 6.3 | 31 | A51JCC23X | 6.3 | 23 | A51JMLB1X | 6.3 | 23 | A51JSY01X | 6.3 | 23 | A51KDJ02XX | 6.3 | 23 |

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See Notes Inside Cover

A51EAT02X — A51KDJ02XX

22 COLOR

See Notes Inside Cover

A51KEF60X — A59EAU27X

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
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| A51KEQ90X | 6.3 | 23 | A51KQK13X * | 6.3 | 23 | A51KZR90X | 6.3 | 31 | A53JSK61X | 6.3 | 23 | A56-700X | 6.3 | 18 |
| A51KEQ93X | 6.3 | 23 | A51KQK20X | 6.3 | 23 | A51KZR96X | 6.3 | 31 | A53JWJ10X | 6.3 | 23 | A56-701X | 6.3 | 24 |
| A51KES91X | 6.3 | 31 | A51KQK21X | 6.3 | 23 | A51LDG50X | 6.3 | 23 | | | | A56-702X | 6.3 | 24 |
| A51KES161X | 6.3 | 31 | A51KQK30X * | 6.3 | 23 | A51LDX93X* | 6.3 | 23 | A55-13X | 6.3 | 3 | A56-705X | 6.3 | 24 |
| A51KES165X | 6.0 | 31 | A51KRE84X | 6.3 | 23 | A51LEC68K* | 6.3 | 23 | A55-14X | 6.3 | 3 | A56-707X | 6.3 | 24 |
| A51KES167X | 6.0 | 31 | A51KRF83X | 6.3 | 31 | A51LES91X | 6.0 | 23 | A55-15X | 6.3 | 3 | A56-708X | 6.3 | 24 |
| A51KGM90X | 6.3 | 31 | A51KRS30X * | 6.3 | 23 | A51LGA11X | 6.3 | 23 | A55-16X | 6.3 | 3 | A56-711X | 6.3 | 24 |
| A51KGM93X | 6.3 | 31 | A51KRS31X * | 6.3 | 23 | A51LGA21X | 6.3 | 23 | A55-17X | 6.3 | 3 | A56-712X | 6.3 | 24 |
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| A51KGP93X | 6.3 | 31 | A51KRS61X | 6.3 | 23 | A51LGA63X | 6.3 | 23 | A55-19X | 6.3 | 3 | A56-715X | 6.3 | 23 |
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| A51KJA61X | 6.3 | 23 | A51KST40X | 6.3 | 31 | A51LGR90X | 6.3 | 23 | A55-141X | 6.3 | 3 | A56JKZ30X | 6.3 | 23 |
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| A51KJV93X | 6.3 | 31 | A51KSU93X | 6.3 | 31 | | | | A56-120X | 6.3 | 3 | A56JMQ30X | 6.3 | 23 |
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| A51KKP93X | 6.3 | 23 | A51KSU693X | 6.3 | 31 | A53JAH10X | 6.3 | 23 | A56-140X | 6.3 | 3 | | | |
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| A51KKS42XX | 6.3 | 23 | A51KSV43X | 6.3 | 23 | A53JBM05X | 6.3 | 23 | A56-280X | 6.3 | 24 | A59EAF10X | 6.3 | 23 |
| A51KND93X | 6.3 | 31 | A51KSV93X | 6.3 | 23 | A53JBM35X | 6.3 | 23 | A56-410X | 6.3 | 3 | A59EAF11X | 6.3 | 23 |
| A51KNK93X | 6.3 | 31 | A51KSW93X | 6.3 | 23 | A53JBM95X | 6.3 | 23 | A56-420X | 6.3 | 24 | A59EAK00X | 6.3 | 23 |
| A51KPD02XX | 6.3 | 23 | A51KSW593X | 6.3 | 23 | A53JBM97X | 6.3 | 23 | A56-421X | 6.3 | 24 | A59EAK01X | 6.3 | 23 |
| A51KPD12XX | 6.3 | 23 | A51KTQ10X | 6.3 | 23 | A53JBW00X | 6.3 | 5 | A56-426X | 6.3 | 24 | A59EAK71X | 6.3 | 23 |
| A51KPX10X | 6.3 | 31 | A51KVD90X Ver.1 | 6.3 | 23 | A53JBW01X | 6.3 | 5 | A56-500X | 6.3 | 21 | A59EAK220X | 6.3 | 23 |
| A51KQG23X | 6.3 | 23 | A51KVD90X Ver.2 | 6.3 | 24 | A53JBW02X | 6.3 | 5 | A56-510X | 6.3 | 21 | A59EAS00X | 6.3 | 24 |
| A51KQH23X | 6.3 | 23 | A51KVD93X | 6.3 | 24 | A53JCG00X | 6.3 | 5 | A56-540X | 6.3 | 21 | A59EAS02X | 6.3 | 23 |
| A51KQJ23X | 6.3 | 23 | A51KVF40X | 6.3 | 31 | A53JDE50X | 6.3 | 23 | A56-610X | 6.3 | 24 | A59EAU00X | 6.3 | 24 |
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| A51KQN61X* | 6.3 | 23 | A51KXJ12XX | 6.3 | 24 | A53JDH00X | 6.3 | 21 | A56-612X | 6.3 | 18 | A59EAU25X | 6.3 | 24 |
| A51KQN90X | 6.3 | 23 | A51KXR95X* | 6.3 | 23 | A53JHA00X | 6.3 | 24 | A56-613X | 6.3 | 14 | A59EAU27X | 6.3 | 23 |

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
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| A59EAU92X | 6.3 | 23 | A59JMZ193X | 6.3 | 23 | A59KHQ196X | 6.3 | 23 | A59KTN81X * | 6.3 | 23 | A59LDC73X | 6.3 | 23 |
| A59EAU95X | 6.3 | 23 | A59JSA60X | 6.3 | 23 | A59KJS40X | 6.3 | 23 | A59KTN161X | 6.3 | 23 | A59LEB80X * | 6.3 | 23 |
| A59EAU97X | 6.3 | 23 | A59JVQ60X | 6.3 | 23 | A59KLF796X | 6.3 | 23 | A59KTW02XX | 6.3 | 23 | A59LEE070X * | 6.3 | 23 |
| A59ECF00X | 6.3 | 23 | A59JVQ64X | 6.3 | 23 | A59KNY10X | 6.3 | 23 | A59KUB11X | 6.3 | 23 | A59LEE074X * | 6.3 | 23 |
| A59ECF01X | 6.3 | 23 | A59JVQ160X | 6.3 | 23 | A59KNY11X | 6.3 | 23 | A59KUB111X | 6.3 | 23 | A59LFJ53X | 6.3 | 23 |
| A59ECF10X | 6.3 | 23 | A59JVQ260X | 6.3 | 23 | A59KNY12X | 6.3 | 23 | A59KUC11X | 6.3 | 23 | A59LFJ93X | 6.3 | 23 |
| A59ECF11X | 6.3 | 23 | A59JVQ360X | 6.3 | 23 | A59KNY13X | 6.3 | 23 | A59KUC13X | 6.3 | 23 | A59LGV10X | 6.3 | 23 |
| A59ECF20X | 6.3 | 23 | A59JYB11X | 6.3 | 23 | A59KNY31X * | 6.3 | 23 | A59KUC111X | 6.3 | 23 | A59LJX93X | 6.3 | 23 |
| A59ECF30X | 6.3 | 23 | A59JYB33X | 6.3 | 23 | A59KNY33X | 6.3 | 23 | A59KWD96X | 6.3 | 23 | A59QAJ070X * | 6.3 | 23 |
| A59ECF31X | 6.3 | 23 | A59JYB45X | 6.3 | 23 | A59KNY61X | 6.3 | 23 | A59KWM81X | 6.3 | 23 | | | |
| A59ECF40X | 6.3 | 23 | A59JYB48X | 6.3 | 23 | A59KNY111X | 6.3 | 23 | A59KWM86X | 6.3 | 23 | A60KTY161X * | 6.3 | 23 |
| A59ECY13X* | 6.3 | 23 | A59JYB61X | 6.3 | 23 | A59KNY161X | 6.3 | 23 | A59KWM88X * | 6.3 | 23 | A60KTY166X * | 6.3 | 23 |
| A59JZ01X | 6.3 | 23 | A59JYB111X | 6.3 | 23 | A59KNY213X | 6.3 | 23 | A59KWW61X | 6.3 | 23 | A60KTY167X * | 6.3 | 23 |
| A59JZ43X | 6.3 | 23 | A59JYN90X | 6.3 | 23 | A59KPR20X | 6.3 | 23 | A59KWW62X | 6.3 | 23A | A60KTY561X * | 6.3 | 23 |
| A59JZ87X | 6.3 | 23 | A59JYN93X | 6.3 | 23 | A59KPY02XX | 6.3 | 23 | A59KWW80X | 6.3 | 23 | A60KTY566X * | 6.3 | 23 |
| A59JZ181X | 6.3 | 23 | A59JYN96X | 6.3 | 23 | A59KQB50X | 6.3 | 23 | A59KWW380X | 6.3 | 23 | A60KTY567X * | 6.3 | 23 |
| A59JMZ30X | 6.3 | 23 | A59KFS60X | 6.3 | 23 | A59KQB80X | 6.3 | 23 | A59KYL020X * | 6.3 | 23 | | | |
| A59JMZ40X | 6.3 | 23 | A59KFS61X | 6.3 | 23 | A59KQB380X | 6.3 | 23 | A59KYL024X * | 6.3 | 23 | A63-11X | 6.3 | 3 |
| A59JMZ42X | 6.3 | 23 | A59KFS62X | 6.3 | 23 | A59KQB382X | 6.3 | 23 | A59KYL220X | 6.3 | 23 | A63-12X | 6.3 | 3 |
| A59JMZ43X | 6.3 | 23 | A59KFS64X | 6.3 | 23 | A59KTB30X | 6.3 | 23 | A59KYL224X * | 6.3 | 23 | A63-13X | 6.3 | 3 |
| A59JMZ83X | 6.3 | 23 | A59KFS65X | 6.3 | 23 | A59KTB31X | 6.3 | 23 | A59KYL420X * | 6.3 | 23 | A63-15X | 6.3 | 3 |
| A59JMZ90X | 6.3 | 23 | A59KFS67X * | 6.3 | 23 | A59KTB32X | 6.3 | 23 | A59KYL61X | 6.3 | 23 | A63-16X | 6.3 | 3 |
| A59JMZ92X | 6.3 | 23 | A59KFS80X | 6.3 | 23 | A59KTB40X | 6.3 | 23 | A59KZB80X | 6.3 | 23 | A63-17X | 6.3 | 3 |
| A59JMZ93X | 6.3 | 23 | A59KFS81X * | 6.3 | 23 | A59KTB41X | 6.3 | 23 | A59LAJ36X * | 6.3 | 23 | A63-18X | 6.3 | 3 |
| A59JMZ94X | 6.3 | 23 | A59KFS360X | 6.3 | 23 | A59KTB42X | 6.3 | 23 | A59LAJ38X * | 6.3 | 23 | A63-19X | 6.3 | 3 |
| A59JMZ95X | 6.3 | 23 | A59KFS380X | 6.3 | 23 | A59KTB43X | 6.3 | 23 | A59LAM93X | 6.3 | 23 | A63-120X | 6.3 | 3 |
| A59JMZ96X | 6.3 | 23 | A59KFZ11X | 6.3 | 23 | A59KTB80X | 6.3 | 23 | A59LAM96X | 6.3 | 23 | A63-200X | 6.3 | 3 |
| A59JMZ140X | 6.3 | 23 | A59KHN64X | 6.3 | 23 | A59KTB81X | 6.3 | 23 | A59LAS10X @ | 6.3 | 23 | A63-220X | 6.3 | 3 |
| A59JMZ141X | 6.3 | 23 | A59KHQ46X | 6.3 | 23 | A59KTB82X | 6.3 | 23 | A59LAS11X @ | 6.3 | 23 | A63AAD10X | 6.3 | 24 |
| A59JMZ142X | 6.3 | 23 | A59KHQ93X | 6.3 | 23 | A59KTN31X | 6.3 | 23 | A59LAS61X @ | 6.3 | 23 | A63AAM00X | 6.3 | 23 |
| A59JMZ143X | 6.3 | 23 | A59KHQ96X | 6.3 | 23 | A59KTN61X | 6.3 | 23 | A59LAS210X @ | 6.3 | 23 | A63AAM01X | 6.3 | 23 |
| A59JMZ146X | 6.3 | 23 | A59KHQ146X | 6.3 | 23 | A59KTN63X | 6.3 | 23 | A59LCG696X | 6.3 | 23 | A63AAM02X | 6.3 | 23 |

23 COLOR

See Notes Inside Cover

A59EAU90X — A63AAM02X

24 COLOR

See Notes Inside Cover

A63AAM03X — A66ABU38X

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
|-----------|--------|----|-----------|--------|----|------------|--------|----|------------|--------|----|------------|--------|----|
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| A63AAM04X | 6.3 | 23 | A63ABG35X | 6.3 | 24 | A63ADT26X | 6.3 | 23 | A63JGY33X | 6.3 | 23 | A64JVQ280X | 6.3 | 23 |
| A63AAM05X | 6.3 | 23 | A63ABL15X | 6.3 | 24 | A63ADT31X | 6.3 | 23 | A63JGY93X | 6.3 | 23 | A64JYC11X | 6.3 | 23 |
| A63AAM06X | 6.3 | 23 | A63ABP00X | 6.3 | 23 | A63AEH20X | 6.3 | 23 | A63JHF01X | 6.3 | 23 | A64KDC11X | 6.3 | 23 |
| A63AAM07X | 6.3 | 23 | A63ABP05X | 6.3 | 23 | A63AEH21X | 6.3 | 23 | A63JHF80X | 6.3 | 23 | A64KFZ11X | 6.3 | 23 |
| A63AAM08X | 6.3 | 23 | A63ABP10X | 6.3 | 24 | A63AFC20X | 6.3 | 23 | A63JHF81X | 6.3 | 23 | A64KFZ95X | 6.3 | 23 |
| A63AAM09X | 6.3 | 23 | A63ABP11X | 6.3 | 24 | A63AFW20X | 6.3 | 23 | A63JKC00X | 6.3 | 23 | | | |
| A63AAM10X | 6.3 | 23 | A63ABP12X | 6.3 | 24 | A63AFW22X | 6.3 | 23 | A63JLQ90X | 6.3 | 23 | A65-120X | 6.3 | 3 |
| A63AAM11X | 6.3 | 23 | A63ABP13X | 6.3 | 24 | A63AFW40X | 6.3 | 23 | A63JWJ00X | 6.3 | 23 | A65-140X | 6.3 | 3 |
| A63AAM12X | 6.3 | 23 | A63ABP20X | 6.3 | 23 | A63AFW42X | 6.3 | 23 | A63JWJ10X | 6.3 | 23 | | | |
| A63AAM13X | 6.3 | 23 | A63ABP25X | 6.3 | 23 | A63AFW90X | 6.3 | 23 | A63JXQ83X | 6.3 | 45 | A66-120X | 6.3 | 3 |
| A63AAT30X | 6.3 | 24 | A63ABP26X | 6.3 | 23 | A63AFW92X | 6.3 | 23 | A63JXQ85X | 6.3 | 45 | A66-140X | 6.3 | 3 |
| A63AAT31X | 6.3 | 23 | A63ABP50X | 6.3 | 23 | A63AFW122X | 6.3 | 23 | A63JXX91X | 6.3 | 23 | A66-410X | 6.3 | 3 |
| A63AAT32X | 6.3 | 24 | A63ABP51X | 6.3 | 23 | A63AGD00X | 6.3 | 23 | A63JXX93X | 6.3 | 23 | A66-500X | 6.3 | 21 |
| A63AAT36X | 6.3 | 23 | A63ABP55X | 6.3 | 24 | A63AGD01X | 6.3 | 23 | A63KTM80X | 6.3 | 23 | A66-501X | 6.3 | 21 |
| A63AAX00X | 6.3 | 23 | A63ABZ06X | 6.3 | 23 | A63AGD10X | 6.3 | 23 | A63KTM88X | 6.3 | 23 | A66-510X | 6.3 | 21 |
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| A63AAX12X | 6.3 | 23 | A63ABZ60X | 6.3 | 23 | A63JAV00X | 6.3 | 23 | A63LAV11X | 6.3 | 23 | A66AAM01X | 6.3 | 23 |
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| A63AAY02X | 6.3 | 22 | A63ACP27X | 6.3 | 23 | A63JBG80X | 6.3 | 45 | A63LCC11X | 6.3 | 23 | A66ABU00X | 6.3 | 23 |
| A63AAY11X | 6.3 | 22 | A63ACQ00X | 6.3 | 23 | A63JBG82X | 6.3 | 45 | A63LCC61X | 6.3 | 23 | A66ABU05X | 6.3 | 23 |
| A63AAY12X | 6.3 | 22 | A63ACQ01X | 6.3 | 23 | A63JDC05X | 6.3 | 30 | A63LCC211X | 6.3 | 23 | A66ABU10X | 6.3 | 24 |
| A63AAY71X | 6.3 | 22 | A63ADG25X | 6.3 | 23 | A63JDF00X | 6.3 | 23 | | | | A66ABU11X | 6.3 | 24 |
| A63ABF00X | 6.3 | 20 | A63ADG27X | 6.3 | 23 | A63JDF91X | 6.3 | 23 | A64JKB00X | 6.3 | 38 | A66ABU14X | 6.3 | 23 |
| A63ABG02X | 6.3 | 23 | A63ADG31X | 6.3 | 23 | A63JDP20X | 6.3 | 31 | A64JKJ00X | 6.3 | 38 | A66ABU30X | 6.3 | 23 |
| A63ABG05X | 6.3 | 23 | A63ADG32X | 6.3 | 23 | A63JDP35X | 6.3 | 31 | A64JKJ10X | 6.3 | 38 | A66ABU32X | 6.3 | 23 |
| A63ABG20X | 6.3 | 23 | A63ADG35X | 6.3 | 23 | A63JDP36X | 6.3 | 31 | A64JKJ11X | 6.3 | 38 | A66ABU35X | 6.3 | 23 |
| A63ABG25X | 6.3 | 23 | A63ADN26X | 6.3 | 23 | A63JDP37X | 6.3 | 31 | A64JVQ60X | 6.3 | 23 | A66ABU36X | 6.3 | 23 |
| A63ABG26X | 6.3 | 23 | A63ADN40X | 6.3 | 23 | A63JEZ00X | 6.3 | 23 | A64JVQ64X | 6.3 | 23 | A66ABU37X | 6.3 | 23 |
| A63ABG27X | 6.3 | 23 | A63ADT10X | 6.3 | 23 | A63JGC01X | 6.3 | 23 | A64JVQ80X | 6.3 | 23 | A66ABU38X | 6.3 | 23 |

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
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| A66ABU40X | 6.3 | 23 | A66EAF11X | 6.3 | 23 | A66JLH90X | 6.3 | 23 | | | | A67JHG01X | 6.3 | 37 |
| A66ABU50X | 6.3 | 23 | A66EAK00X | 6.3 | 23 | A66JLH91X | 6.3 | 23 | A67-100X | 6.3 | 3 | | | |
| A66ABU51X | 6.3 | 23 | A66EAK21X | 6.3 | 23 | A66JLH92X | 6.3 | 23 | A67-110X | 6.3 | 3 | A68ACC10X | 6.3 | 24 |
| A66ABU52X | 6.3 | 23 | A66EAK22X | 6.3 | 23 | A66JLH96X | 6.3 | 23 | A67-120X | 6.3 | 3 | A68ACC11X | 6.3 | 24 |
| A66ABU55X | 6.3 | 24 | A66EAK50X | 6.3 | 23 | A66JMZ00X | 6.3 | 23 | A67-130X | 6.3 | 3 | A68ACC12X | 6.3 | 24 |
| A66ABU56X | 6.3 | 24 | A66EAK51X | 6.3 | 23 | A66JMZ30X | 6.3 | 23 | A67-140X | 6.3 | 3 | A68ACC14X | 6.3 | 23 |
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| A66ADQ03X | 6.3 | 23 | A66EAS02X | 6.3 | 23 | A66JMZ42X | 6.3 | 23 | A67-250X | 6.3 | 3 | A68ACT07X | 6.3 | 23 |
| A66ADS26X | 6.3 | 23 | A66ECF00X | 6.3 | 23 | A66JMZ43X | 6.3 | 23 | A67-260X | 6.3 | 21 | A68ACT11X | 6.3 | 23 |
| A66ADS40X | 6.3 | 23 | A66ECF01X | 6.3 | 23 | A66JPP01X | 6.3 | 23 | A67-410X | 6.3 | 3 | A68ACT63X | 6.3 | 23 |
| A66ADT14X | 6.3 | 23 | A66ECF10X | 6.3 | 23 | A66JPP11X | 6.3 | 23 | A67-510X | 6.3 | 1 | A68ADT19X | 6.3 | 23 |
| A66ADT16X01 | 6.3 | 23 | A66ECF11X | 6.3 | 23 | A66JPP11XF | 6.3 | 23 | A67-560X | 6.3 | 21 | A68ADT25X | 6.3 | 23 |
| A66ADT18X | 6.3 | 23 | A66ECF20X | 6.3 | 23 | A66JPP01X | 6.3 | 23 | A67-610X | 6.3 | 1 | A68ADT27X | 6.3 | 23 |
| A66ADT19X | 6.3 | 23 | A66ECF30X | 6.3 | 23 | A66JQP70X | 6.3 | 23 | A67-611X | 6.3 | 18 | A68ADT28X | 6.3 | 23 |
| A66ADT20X01 | 6.3 | 23 | A66ECF31X | 6.3 | 23 | A66JQP86X | 6.3 | 23 | A67-612X | 6.3 | 18 | A68ADZ00X | 6.3 | 23 |
| A66ADT22X | 6.3 | 23 | A66ECY13X* | 6.3 | 23 | A66JQP90X | 6.3 | 23 | A67-615X | 6.3 | 14 | A68AEC00X | 6.3 | 23 |
| A66ADT23X | 6.3 | 23 | A66EDN13X | 6.3 | 23 | A66JQP91X | 6.3 | 23 | A67-700X | 6.3 | 24 | A68AEC01X | 6.3 | 23 |
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| A66ADU45X | 6.3 | 23 | A66JKA11X | 6.3 | 23 | A66KAF97X | 6.3 | 23 | A67-707X | 6.3 | 24 | A68AEG12X* | 6.3 | 23 |
| A66ADU46X | 6.3 | 23 | A66JLH50X | 6.3 | 23 | A66KAF98X | 6.3 | 23 | A67-708A | 6.3 | 24 | A68AEG15X* | 6.3 | 23 |
| A66ADU95X | 6.3 | 23 | A66JLH60X | 6.3 | 23 | A66KAV97X | 6.3 | 23 | A67-708X | 6.3 | 24 | A68AEG16X* | 6.3 | 23 |
| A66ADU96X | 6.3 | 23 | A66JLH61X | 6.3 | 23 | A66KEJ30X | 6.3 | 24 | A67-711X | 6.3 | 24 | A68AEG17X* | 6.3 | 23 |
| A66AEK20X | 6.3 | 23 | A66JLH62X | 6.3 | 23 | A66KHP96X | 6.3 | 23 | A67-712X | 6.3 | 24 | A68AEG20X* | 6.3 | 23 |
| A66AEK21X | 6.3 | 23 | A66JLH70X | 6.3 | 23 | A66KHP98X | 6.3 | 23 | A67-713X | 6.3 | 24 | A68AEG21X* | 6.3 | 23 |
| A66AEK25X | 6.3 | 23 | A66JLH71X | 6.3 | 23 | A66KHQ43X | 6.3 | 23 | A67-714X | 6.3 | 24 | A68AEG25X* | 6.3 | 23 |
| A66AFW03X | 6.3 | 23 | A66JLH72X | 6.3 | 23 | A66KHQ46X | 6.3 | 23 | A67-715X | 6.3 | 23 | A68AEG26X* | 6.3 | 23 |
| A66EAF00X | 6.3 | 24 | A66JLH86X | 6.3 | 23 | A66KHW96X | 6.3 | 23 | A67-716X | 6.3 | 24 | A68AEG35X* | 6.3 | 23 |
| A66EAF01X | 6.3 | 24 | A66JLH87X | 6.3 | 23 | A66KHW96X | 6.3 | 23 | A67-717X | 6.3 | 23 | A68AEG36X | 6.3 | 23 |

25 COLOR

See Notes Inside Cover

A66ABU39X — A68AEG36X

26 COLOR

See Notes Inside Cover

A68AER09X — A74JVB370X

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
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| A68AER10X | 6.3 | 23 | A68EAU27X | 6.3 | 23 | A68KFS372X | 6.3 | 23 | A68KRT75X | 6.3 | 23 | A68KZH96X | 6.3 | 23 |
| A68AER14X | 6.3 | 23 | A68EAU90X | 6.3 | 23 | A68KFV60X | 6.3 | 23 | A68KRT370X | 6.3 | 23 | A68KZH696X | 6.3 | 23 |
| A68AER15X | 6.3 | 23 | A68EAU92X | 6.3 | 23 | A68KFV70X | 6.3 | 70 | A68KRT371X | 6.3 | 23 | A68KZN93X | 6.3 | 23 |
| A68AER20X | 6.3 | 23 | A68EAU95X | 6.3 | 24 | A68KFV270X | 6.3 | 70 | A68KRT374X | 6.3 | 23 | A68KZN696X | 6.3 | 23 |
| A68AER35X * | 6.3 | 23 | A68EAU97X | 6.3 | 23 | A68KFZ11X | 6.3 | 23 | A68KSA30X | 6.3 | 23 | A68LAJ70X | 6.3 | 23 |
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| A68AFL00X | 6.3 | 23 | A68JQP93X | 6.3 | 23 | A68KFZ98X | 6.3 | 23 | A68KSB60X | 6.3 | 23 | A68LAM96X * | 6.3 | 23 |
| A68AFW01X | 6.3 | 23 | A68JQP96X | 6.3 | 23 | A68KFZ111X | 6.3 | 23 | A68KSL96X | 6.3 | 23 | A68LAS10X | 6.3 | 23 |
| A68AFW02X | 6.3 | 23 | A68JQP98X | 6.3 | 23 | A68KHN60X | 6.3 | 23 | A68KSM96X | 6.3 | 23 | A68LAS210X | 6.3 | 23 |
| A68AFY01X | 6.3 | 23 | A68JRZ60X | 6.3 | 23 | A68KHP93X | 6.3 | 23 | A68KSM98X | 6.3 | 23 | A68LAU96X | 6.3 | 23 |
| A68AFY02X | 6.3 | 23 | A68JSA60X | 6.3 | 23 | A68KHP96X | 6.3 | 23 | A68KSM696X | 6.3 | 23 | A68LAY40X * | 6.3 | 23 |
| A68AFY91X | 6.3 | 23 | A68JSA62X | 6.3 | 23 | A68KHZ93X | 6.3 | 23 | A68KTB000X | 6.3 | 23 | A68LAY70X * | 6.3 | 23 |
| A68AFZ30X | 6.3 | 23 | A68JSA64X | 6.3 | 23 | A68KHZ96X | 6.3 | 23 | A68KTK10X | 6.3 | 23 | A68LAY370X * | 6.3 | 23 |
| A68AFZ32X | 6.3 | 23 | A68JVQ40X | 6.3 | 23 | A68KJQ10X | 6.3 | 23 | A68KTK11X | 6.3 | 23 | A68LBS696X * | 6.3 | 23 |
| A68AFZ32X | 6.3 | 23 | A68JVQ60X | 6.3 | 23 | A68KJQ11X | 6.3 | 23 | A68KTK12X | 6.3 | 23 | A68LCV10X * | 6.3 | 23 |
| A68AFZ92X | 6.3 | 23 | A68JVQ61X | 6.3 | 23 | A68KJQ12X | 6.3 | 23 | A68KTK13X | 6.3 | 23 | A68LCV210X * | 6.3 | 23 |
| A68AGA20X | 6.3 | 23 | A68JVQ62X | 6.3 | 23 | A68KJQ45X | 6.3 | 23 | A68KTK33X | 6.3 | 23 | A68LEF78X | 6.3 | 23 |
| A68AGA25X @ | 6.3 | 23 | A68JVQ64X | 6.3 | 23 | A68KJQ111X | 6.3 | 23 | A68KTQ2XX | 6.3 | 23 | A68LFP220X * | 6.3 | 23 |
| A68AGD00X | 6.3 | 23 | A68JVQ70X | 6.3 | 23 | A68KJQ96X | 6.3 | 23 | A68KVL74X | 6.3 | 23 | A68LFP224X * | 6.3 | 23 |
| A68AGD01X | 6.3 | 23 | A68JVQ80X | 6.3 | 23 | A68KKN96X | 6.3 | 23 | A68KVM74X | 6.3 | 23 | A68LFP247X * | 6.3 | 23 |
| A68AGD10X | 6.3 | 23 | A68JVQ160X | 6.3 | 23 | A68KKT96X | 6.3 | 23 | A68KVR040X | 6.3 | 23 | A68LJM256X | 6.3 | 23 |
| A68AGL01X | 6.3 | 23 | A68JVQ260X | 6.3 | 23 | A68KLF96X | 6.3 | 23 | A68KYM070X | 6.3 | 23 | A68LJS61X | 6.3 | 23 |
| A68AGL02X | 6.3 | 23 | A68JVQ280X | 6.3 | 23 | A68KLF98X | 6.3 | 23 | A68KYN080X | 6.3 | 23 | A68LKS30X | 6.3 | 23 |
| A68AGN31X | 6.3 | 23 | A68KAF96X | 6.3 | 23 | A68KPS20X | 6.3 | 23 | A68KYN084X * | 6.3 | 23 | | | |
| A68AGN32X | 6.3 | 23 | A68KDC11X | 6.3 | 23 | A68KPZ02XX | 6.3 | 23 | A68KYN090X * | 6.3 | 23 | A70A76JYQ96X | 6.3 | 23 |
| A68AGN33X | 6.3 | 23 | A68KFS60X | 6.3 | 23 | A68KRQ60X | 6.3 | 23 | A68KYN098X * | 6.3 | 23 | A70JYQ97X | 6.3 | 23 |
| A68AGN41X | 6.3 | 23 | A68KFS70X | 6.3 | 23 | A68KRQ80X | 6.3 | 23 | A68KYN680X * | 6.3 | 23 | A70KJY96X | 6.3 | 23 |
| A68AGN42X | 6.3 | 23 | A68KFS71X | 6.3 | 23 | A68KRQ88X | 6.3 | 23 | A68KYN684X * | 6.3 | 23 | | | |
| A68AGN91X | 6.3 | 23 | A68KFS72X | 6.3 | 23 | A68KRT40X | 6.3 | 23 | A68KYN690X * | 6.3 | 23 | A74JVB60X | 6.3 | 23 |
| A68AGN92X | 6.3 | 23 | A68KFS160X | 6.3 | 23 | A68KRT41X | 6.3 | 23 | A68KYN697X * | 6.3 | 23 | A74JVB70X | 6.3 | 23 |
| A68EAU00X | 6.3 | 24 | A68KFS170X | 6.3 | 23 | A68KRT70X | 6.3 | 23 | A68KYW10X | 6.3 | 23 | A74JVB360X | 6.3 | 23 |
| A68EAU02X | 6.3 | 23 | A68KFS260X | 6.3 | 23 | A68KRT71X | 6.3 | 23 | A68KYW11X | 6.3 | 23 | A74JVB370X | 6.3 | 23 |

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
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| A74KTK13X | 6.3 | 23 | A78LKU30X | 6.3 | 23 | A80AEJ16X * | 6.3 | 23 | A89AFF15X @ | 6.3 | 71 | C5M102P22-G | 6.3 | 35 |
| A74KTK47X | 6.3 | 23 | | | A80AFF15X @ | 6.3 | 71 | A89AFX15X @ | 6.3 | 23 | C5M102P22-R | 6.3 | 35 | |
| A74KTK111X | 6.3 | 23 | A79AEJ10X | 6.3 | 23 | A80EBK221X | 6.3 | 23 | A89AGF10X @ | 6.3 | 71 | C5M120P22B | 6.3 | 34 |
| A74KYW13X* | 6.3 | 23 | A79AEJ15X @ | 6.3 | 23 | A80EDB191X | 6.3 | 70 | A89AGF11X @ | 6.3 | 71 | C5M120P22G | 6.3 | 34 |
| | | | A79AEJ16X * | 6.3 | 23 | A80JTS96X | 6.3 | 23 | A89JKA31X | 6.3 | 71 | C5M120P22R | 6.3 | 34 |
| A76JTS50X | 6.3 | 23 | A79AEJ20X | 6.3 | 23 | A80JYQ96X | 6.3 | 23 | A89JKA61X | 6.3 | 71 | | | |
| A76JTS90X | 6.3 | 23 | A79AEJ25X | 6.3 | 23 | A80JZH50X | 6.3 | 23 | A89JKA81X | 6.3 | 23 | C6M40P22-B | 6.3 | 26 |
| A76JTS91X | 6.3 | 23 | A79AEJ26X @ | 6.3 | 71 | A80JZH90X | 6.3 | 23 | A89JKA91X | 6.3 | 23 | C6M40P22-G | 6.3 | 26 |
| A76JTS99X | 6.3 | 23 | A79AET10X | 6.3 | 71 | A80JZH92X | 6.3 | 23 | A89JVU11X | 6.3 | 23 | C6M40P22-R | 6.3 | 26 |
| A76JYQ90X | 6.3 | 23 | A79AEX10X @ | 6.3 | 71 | A80KJY96X | 6.3 | 23 | A89JVU31X | 6.3 | 23 | | | |
| A76JYQ96X | 6.3 | 23 | A79AEX25X @ | 6.3 | 71 | A80KHJ90X | 6.3 | 23 | A89JVU60X | 6.3 | 71 | CE528 | 6.3 | 35 |
| A76JYQ97X | 6.3 | 23 | A79AFX10X * | 6.3 | 23 | A80KJY96X | 6.3 | 23 | A89JVU61X | 6.3 | 71 | CE601-M6P1 | 6.3 | 35 |
| A76JYQ98X | 6.3 | 23 | A79AFX11X * | 6.3 | 23 | A80KJY96X | 6.3 | 23 | A89JVU80X | 6.3 | 71 | CE601-M6P22B | 6.3 | 35 |
| A76JZH90X | 6.3 | 23 | A79AFX15X * | 6.3 | 23 | A80KXQ90X | 6.3 | 23 | A89JVU81X | 6.3 | 71 | CE601-M6P22R | 6.3 | 35 |
| A76KDT90X | 6.3 | 23 | A79AFX16X @ | 6.3 | 23 | A80KXQ690X | 6.3 | 23 | A89JVU91X | 6.3 | 23 | CE656-M6P1 | 6.3 | 35 |
| A76KHJ90X | 6.3 | 23 | A79ECU13X * | 6.3 | 23 | A80LEM50X | 6.3 | 23 | A89JY91X | 6.3 | 23 | CE656-M6P22B | 6.3 | 35 |
| A76KJY96X | 6.3 | 23 | A79ECU33X * | 6.3 | 23 | A80LJF30X | 6.3 | 23 | A89KPP50X | 6.3 | 23 | CE656-M6P22R | 6.3 | 35 |
| A76KJY98X | 6.3 | 23 | A79ECU73X * | 6.3 | 23 | | | A89KPP90X | 6.3 | 23 | CE713 | 6.3 | 35 | |
| | | | A79ECU93X * | 6.3 | 23 | A84KJP70X | 6.3 | 70 | A89KPQ90X | 6.3 | 23 | CE781 | 6.3 | 35 |
| A78JVB30X | 6.3 | 23 | A79EDM93X | 6.3 | 23 | | | A89KQE96X | 6.3 | 23 | CE818 | 6.3 | 35 | |
| A78JVB60X | 6.3 | 23 | A79KGS20X | 6.3 | 23 | A86ECT93X | 6.3 | 71 | A89KQF96X | 6.3 | 23 | CE824 | 6.3 | 35 |
| A78JVB61X | 6.3 | 23 | A79KGS70X | 6.3 | 23 | | | A89LED50X | 6.3 | 23 | CE826 | 6.3 | 35 | |
| A78JVB63X | 6.3 | 23 | A79KGS370X | 6.3 | 23 | A89AEJ10 | 6.3 | 23 | A89LFL50X * | 6.3 | 23 | | | |
| A78JVB70X | 6.3 | 23 | A79KHK70X | 6.3 | 70 | A89AEJ15X * | 6.3 | 23 | A89LFL90X | 6.3 | 23 | CT475 | 6.3 | 14 |
| A78JVB71X | 6.3 | 23 | A79KJP70X | 6.3 | 70 | A89AEJ50X @ | 6.3 | 23 | | | | CT494 | 6.3 | 5 |
| A78JVB170X | 6.3 | 23 | A79KJT70X | 6.3 | 23 | A89AET09X | 6.3 | 71 | AT142NVB22 | 6.3 | 23 | | | |
| A78JVB561X | 6.3 | 23 | A79KJT71X | 6.3 | 23 | A89AET10X | 6.3 | 71 | AT1429LB22 | 6.3 | 23 | E2026 | 6.3 | 3 |
| A78KEH60X | 6.3 | 70 | A79KJT370X | 6.3 | 23 | A89AEX10X * | 6.3 | 71 | AT1429LBL4 | 6.3 | 23 | E2310 | 6.3 | 1 |
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| A78KEH72X | 6.3 | 70 | A79KRR370X | 6.3 | 23 | A89AEX15X @ | 6.3 | 71 | AT20A9TEB22 | 6.3 | 23 | E2336 | 6.3 | 3 |
| A78KWT86X | 6.3 | 70 | A79KXP370X | 6.3 | 70 | A89AFF09 * | 6.3 | 71 | AT202GV82 | 6.3 | 23 | E2369 | 6.3 | 3 |
| A78LCU30X * | 6.3 | 23 | | | A89AFF10X * | 6.3 | 71 | AT2029LEB22 | 6.3 | 23 | E2396 | 6.3 | 19 | |

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See Notes Inside Cover

A74KTK11X — E2396

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E2406 — M23JHU05X

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
|-------|--------|----|--------|--------|----|----------|--------|----|--------------|--------|----|---------------|--------|----|
| E2406 | 6.3 | 15 | E25225 | 6.3 | 15 | E2882 | 6.3 | 23 | E8142 | 6.3 | 23 | M16JLZ00X | 4.5 | 40 |
| E2407 | 6.3 | 19 | E2523 | 6.3 | 15 | E2894 | 6.3 | 23 | E8162B22 | 6.3 | 23 | | | |
| E2418 | 6.3 | 19 | E2532 | 6.3 | 3 | E2908 | 6.3 | 23 | E8170B22* | 6.3 | 23 | M19JX00X | 6.3 | 23 |
| E2422 | 6.3 | 3 | E2534 | 6.3 | 15 | E2924 | 6.3 | 31 | E8183B22 | 6.3 | 23 | M19JX01X | 6.3 | 41 |
| E2426 | 6.3 | 19 | E2535 | 6.3 | 15 | E2940 | 6.3 | 23 | E8194 | 6.3 | 23 | M19JLC00X | 6.3 | 23 |
| E2427 | 6.3 | 19 | E2536 | 6.3 | 15 | E2957 | 6.3 | 31 | E8215B22* | 6.3 | 23 | M19JLC01X | 6.3 | 41 |
| E2434 | 6.3 | 15 | E2537 | 6.3 | 15 | E2963 | 6.3 | 31 | E8234B22 | 6.3 | 23 | M19KET00XX* | 6.3 | 31 |
| E2436 | 6.3 | 15 | E2540 | 6.3 | 18 | E2965 | 6.3 | 31 | E8406 | 6.3 | 26 | M19KET01XX* | 6.3 | 31 |
| E2437 | 6.3 | 19 | E2541 | 6.3 | 18 | E2970 | 6.3 | 31 | E8411 | 6.3 | 26 | M19KET20XX* | 6.3 | 31 |
| E2447 | 6.3 | 15 | E2545 | 6.3 | 15 | E2971 | 6.3 | 23 | E8414 | 6.3 | 26 | M19KET21XX* | 6.3 | 31 |
| E2481 | 6.3 | 18 | E2546 | 6.3 | 15 | E2981 | 6.3 | 23 | | | | | | |
| E2482 | 6.3 | 15 | E2547 | 6.3 | 15 | E2982 | 6.3 | 3 | EP96X16 | 6.3 | 35 | M20JMP10X | 4.5 | 40 |
| E2883 | 6.3 | 15 | E2548 | 6.3 | 3 | E2994 | 6.3 | 23 | EP96X17 | 6.3 | 35 | M20JMP15X | 4.5 | 40 |
| E2484 | 6.3 | 15 | E2552 | 6.3 | 18 | E2995 | 6.3 | 23 | EP96X18 | 6.3 | 35 | | | |
| E2485 | 6.3 | 18 | E2553 | 6.3 | 15 | E6121 | 6.3 | 31 | EP96X19 | 6.3 | 35 | M22JCM00X | 6.3 | 31 |
| E2486 | 6.3 | 18 | E2554 | 6.3 | 15 | E6122 | 6.3 | 31 | EP96X20 | 6.3 | 35 | M22JHD01X | 6.3 | 23 |
| E2487 | 6.3 | 18 | E2557 | 6.3 | 18 | E6123 | 6.3 | 31 | EP96X21 | 6.3 | 35 | M22JMM70X | 6.3 | 23 |
| E2493 | 6.3 | 19 | E2561 | 6.3 | 15 | E6135 | 6.3 | 24 | EP96X24 | 6.3 | 34 | M22JTV72X | 6.3 | 31 |
| E2494 | 6.3 | 19 | E2565 | 6.3 | 18 | E6136 | 6.3 | 24 | EP96X25 | 6.3 | 34 | M22JTV722X | 6.0 | 31 |
| E2495 | 6.3 | 15 | E2574 | 6.3 | 15 | E8001 | 6.3 | 23 | EP96X26 | 6.3 | 34 | | | |
| E2496 | 6.3 | 19 | E2576 | 6.3 | 15 | E8019B22 | 6.3 | 23 | EP96X27 | 6.3 | 35 | M23JAC26XX | 6.3 | 23 |
| E2497 | 6.3 | 19 | E2577 | 6.3 | 15 | E8028 | 6.3 | 23 | EP96X28 | 6.3 | 35 | M23JBA00X | 6.3 | 5 |
| E2498 | 6.3 | 15 | E2579 | 6.3 | 18 | E8032 | 6.3 | 23 | EP96X29 | 6.3 | 35 | M23JB200X | 6.3 | 5 |
| E2499 | 6.3 | 15 | E2581A | 6.3 | 23 | E8046 | 6.3 | 23 | | | | M23JGD00X ** | 6.3 | 31 |
| E2502 | 6.3 | 19 | E2588 | 6.3 | 18 | E8074B22 | 6.3 | 23 | EWX8 | 6.3 | 39 | M23JGD01XX ** | 6.3 | 31 |
| E2503 | 6.3 | 19 | E2590 | 6.3 | 3 | E8075 | 6.3 | 31 | EWX9 | 6.3 | 39 | M23JGD20XX ** | 6.3 | 31 |
| E2505 | 6.3 | 3 | E2593 | 6.3 | 18 | E8077 | 6.3 | 23 | EWX10 | 6.3 | 39 | M23JGD21XX ** | 6.3 | 31 |
| E2507 | 6.3 | 18 | E2667 | 6.3 | 3 | E8092 | 6.3 | 23 | EW96X12 PR-B | 6.3 | 39 | M23JGE00X | 6.3 | 31 |
| E2510 | 6.3 | 15 | E2724 | 6.3 | 3 | E8100 | 6.3 | 23 | EW96X13 PR-G | 6.3 | 39 | M23JGE01XX | 6.3 | 31 |
| E2511 | 6.3 | 15 | E2726 | 6.3 | 3 | E8103 | 6.3 | 23 | EW96X14 PR-R | 6.3 | 39 | M23JGE20XX | 6.3 | 31 |
| E2515 | 6.3 | 15 | E2861 | 6.3 | 3 | E8110 | 6.3 | 23 | | | | M23JGE21XX | 6.3 | 31 |
| E2516 | 6.3 | 15 | E2862 | 6.3 | 23 | E8135 | 6.3 | 23 | M13KNW130X | 6.0 | 31 | M23JHU00X | 6.3 | 36 |
| E2519 | 6.3 | 19 | E2864 | 6.3 | 23 | E8136 | 6.3 | 23 | | | | M23JHU05X | 6.3 | 36 |

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
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| M23JHU10X | 6.3 | 36 | M29JAL00X | 6.3 | 23 | M29JEL20XX | 6.3 | 23 | M29JHY71X | 6.3 | 23 | M29JNU50X | 6.3 | 23 |
| M23JHU15X | 6.3 | 36 | M29JAL01X | 6.3 | 23 | M29JEL21XX | 6.3 | 23 | M29JHY80X | 6.3 | 23 | M29JNV10X | 6.3 | 23 |
| M23JVK10X | 6.3 | 36 | M29JAL10X | 6.3 | 23 | M29JEU11X | 6.3 | 23 | M29JU11X | 6.3 | 23 | M29JNV82X | 6.3 | 23 |
| M23JVK11X | 6.3 | 36 | M29JAL60X | 6.3 | 23 | M29JGF00X | 6.3 | 31 | M29JU60X | 6.3 | 23 | M29JNV83X | 6.3 | 23 |
| M23JVK12X | 6.3 | 36 | M29JAL61X | 6.3 | 23 | M29JGG00X | 6.3 | 31 | M29JU61X | 6.3 | 23 | M29JNZ70X | 6.3 | 23 |
| M23JVK15X | 6.3 | 36 | M29JAL70X | 6.3 | 23 | M29JGX00X | 6.3 | 23 | M29JU70X | 6.3 | 23 | M29JNZ80X | 6.3 | 23 |
| M23JVK16X | 6.3 | 36 | M29JAL71X | 6.3 | 23 | M29JGX10X | 6.3 | 23 | M29JU71X | 6.3 | 23 | M29JPB00X | 6.3 | 23 |
| M23KEY01XX | 6.3 | 23 | M29JAL80X | 6.3 | 23 | M29JGX60X | 6.3 | 23 | M29JW00X | 6.3 | 23 | M29JPB10X | 6.3 | 23 |
| M23KGV23XX | 6.3 | 31 | M29JALB1X | 6.3 | 23 | M29JGX70X | 6.3 | 23 | M29JKD60X | 6.3 | 23 | M29JPB60X | 6.3 | 23 |
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| | | | M29JAM01X | 6.3 | 23 | M29JHJ00X | 6.3 | 23 | M29JKB10X | 6.3 | 23 | M29JPB80X | 6.3 | 23 |
| M24JMJ00X | 6.3 | 31 | M29JAM10X | 6.3 | 23 | M29JHM00X | 6.3 | 23 | M29JLB10X | 6.3 | 23 | M29JPB81X | 6.3 | 23 |
| M24KXB00X | 6.3 | 31 | M29JAM11X | 6.3 | 23 | M29JHM03X | 6.3 | 23 | M29JLB60X | 6.3 | 23 | M29JPB90X | 6.3 | 23 |
| | | | M29JAM60X | 6.3 | 23 | M29JHM10X | 6.3 | 23 | M29JLB61X | 6.3 | 23 | M29JPH33X | 6.3 | 23 |
| M26JET60X | 6.3 | 25 | M29JAM61X | 6.3 | 23 | M29JHM84A | 6.3 | 23 | M29JLB64X | 6.3 | 23 | M29JPK00X | 6.3 | 23 |
| M26JET61X | 6.3 | 25 | M29JAM70X | 6.3 | 23 | M29JHN00X | 6.3 | 23 | M29JLB70X | 6.3 | 23 | M29JPM61X | 6.3 | 23 |
| M26JGX71X | 6.3 | 23 | M29JAM71X | 6.3 | 23 | M29JHN11X | 6.3 | 23 | M29JLB74X | 6.3 | 23 | M29JPM71X | 6.3 | 23 |
| M26JXK30X | 6.3 | 31 | M29JAP11X | 6.3 | 31 | M29JHN50A | 6.3 | 23 | M29JLB84X | 6.3 | 23 | M29JPR00X | 6.3 | 23 |
| M26JXK31X | 6.3 | 31 | M29JAW00X | 6.3 | 23 | M29JHN50X | 6.3 | 23 | M29JLB94X | 6.3 | 23 | M29JPR60X | 6.3 | 23 |
| | | | M29JAW10X | 6.3 | 23 | M29JHN52A | 6.3 | 23 | M29JLX00X | 6.3 | 23 | M29JQC00X | 6.3 | 23 |
| M29AEL10X | 6.3 | 23 | M29JAW11X | 6.3 | 23 | M29JHN54X | 6.3 | 23 | M29JLX70X | 6.3 | 23 | M29JQK00X | 6.3 | 23 |
| M29AEL60X | 6.3 | 23 | M29JAW30X | 6.3 | 23 | M29JHN61X | 6.3 | 23 | M29JMN081X | 6.3 | 23 | M29JUQ00X | 6.3 | 24 |
| M29AEM10X | 6.3 | 23 | M29JAW40X | 6.3 | 23 | M29JHN80A | 6.3 | 23 | M29JMN097X | 6.3 | 23 | M29JUP23XX | 6.3 | 23 |
| M29AEM60X | 6.3 | 23 | M29JAW41X | 6.3 | 23 | M29JHN80D | 6.3 | 23 | M29JMN81X | 6.3 | 23 | M29JUQ23XX | 6.3 | 23 |
| M29JAA00X | 6.3 | 23 | M29JAX60X | 6.3 | 23 | M29JHN80X | 6.3 | 23 | M29JMN82X | 6.3 | 23 | M29JUP23XX | 6.3 | 23 |
| M29JAA01X | 6.3 | 41 | M29JCA00X | 6.3 | 23 | M29JHN81D | 6.3 | 23 | M29JMN83X | 6.3 | 23 | M29KBN81X | 6.3 | 23 |
| M29JAA21X | 6.3 | 41 | M29JCA30X | 6.3 | 23 | M29JHN81X | 6.3 | 23 | M29JNA00D * | 6.3 | 23 | M29KDD00X | 6.3 | 23 |
| M29JAB00X | 6.3 | 23 | M29JCA40X | 6.3 | 23 | M29JHN91X | 6.3 | 23 | M29JNA00X * | 6.3 | 23 | M29KDD00XB * | 6.3 | 23 |
| M29JAC00X | 6.3 | 23 | M29JCA50X | 6.3 | 23 | M29JHY00X | 6.3 | 23 | M29JNA10X * | 6.3 | 23 | M29KDD00XE * | 6.3 | 23 |
| M29JAC23X | 6.3 | 23 | M29JCA52A | 6.3 | 23 | M29JHY10X | 6.3 | 23 | M29JNA80X * | 6.3 | 23 | M29KDR00XX * | 6.3 | 23 |
| M29JAD01X | 6.3 | 31 | M29JDQ55X | 6.3 | 30 | M29JHY11X | 6.3 | 23 | M29JNA80XB * | 6.3 | 23 | M29KDS10XX | 6.3 | 23 |
| M29JAD31X | 6.3 | 31 | M29JEL00XX | 6.3 | 23 | M29JHY60X | 6.3 | 23 | M29JNE00X | 6.3 | 23 | M29KEY00XX | 6.3 | 23 |
| M29JAD32X | 6.3 | 31 | M29JEL01XX | 6.3 | 23 | M29JHY70X | 6.3 | 23 | M29JNM50X | 6.3 | 24 | M29KEY20XX | 6.3 | 23 |

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See Notes Inside Cover

M23JHU10X — M29KEY20XX

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See Notes Inside Cover

M29KEY21XX — M34JEG13X

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
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| M29KEY21XX | 6.3 | 23 | M30LCE20XX ** | 6.3 | 23 | M34EAQ00X | 6.3 | 23 | M34JJBK11X | 6.3 | 23 | M34JDJ00X | 6.3 | 23 |
| M29KFL00XX | 6.3 | 23 | M30LCE23XX ** | 6.3 | 23 | M34EAQ10X | 6.3 | 23 | M34JJBK13X | 6.3 | 23 | M34JDJ01B | 6.3 | 23 |
| M29KFL01XX | 6.3 | 23 | M30LCE30XX ** | 6.3 | 23 | M34ECL00X | 6.3 | 23 | M34JBL09X | 6.3 | 30 | M34JDJ01X | 6.3 | 23 |
| M29KFL20XX | 6.3 | 23 | M30LCE33XX ** | 6.3 | 23 | M34ECL01X | 6.3 | 23 | M34JBL20X | 6.3 | 30 | M34JDJ03B | 6.3 | 23 |
| M29KFL21XX | 6.3 | 23 | | | M34ECL02X | 6.3 | 23 | M34JBL50X | 6.3 | 23 | M34JDJ03X | 6.3 | 23 | |
| M29KFR00XX | 6.3 | 23 | M33AAA22X | 6.3 | 23 | M34ECL10X | 6.3 | 23 | M34JBL60X | 6.3 | 30 | M34JDJ30B | 6.3 | 23 |
| M29KFR01XX | 6.3 | 23 | M33AAA52X | 6.3 | 23 | M34ECL11X | 6.3 | 23 | M34JBL69X | 6.3 | 30 | M34JDJ30X | 6.3 | 23 |
| M29KFR30XXX | 6.3 | 23 | M33AAW00X | 6.3 | 23 | M34ECL12X | 6.3 | 23 | M34JCA01X * | 6.3 | 23 | M34JDJ40B | 6.3 | 23 |
| M29KFR31XX | 6.3 | 23 | M33AAW46X | 6.3 | 23 | M34ECL20X | 6.3 | 23 | M34JCA03A * | 6.3 | 23 | M34JDJ40X | 6.3 | 23 |
| M29KJY00X * | 6.3 | 23 | M33AAW56X | 6.3 | 23 | M34ECL21X | 6.3 | 23 | M34JCA03D * | 6.3 | 23 | M34JDJ60X | 6.3 | 23 |
| M29KMN26XX | 6.3 | 23 | M33ACD42Y | 6.3 | 23 | M34ECL22X | 6.3 | 23 | M34JCA03X | 6.3 | 23 | M34JDJ70B | 6.3 | 23 |
| M29KMN36XX | 6.3 | 23 | M33ACLO2D | 6.3 | 23 | M34JAA04X | 6.3 | 23 | M34JCA04X * | 6.3 | 23 | M34JDJ70X | 6.3 | 23 |
| M29KNG20XX | 6.3 | 23 | M33ACLO2X | 6.3 | 23 | M34JAA05X | 6.3 | 41 | M34JCA11D | 6.3 | 23 | M34JDJ73B | 6.3 | 23 |
| M29KNL26XX * | 6.3 | 23 | M33ACL22D | 6.3 | 23 | M34JAC03X | 6.3 | 23 | M34JCA11X39 * | 6.3 | 23 | M34JDJ73X | 6.3 | 23 |
| M29KQC00X | 6.3 | 23 | M33ACL22X | 6.3 | 23 | M34JAC12X | 6.3 | 41 | M34JCA11X47 | 6.3 | 23 | M34JDJ80X | 6.3 | 23 |
| M29KRG52X | 6.3 | 23 | M33ACL42D | 6.3 | 23 | M34JAC23X | 6.3 | 23 | M34JCA11XB12 ** | 6.3 | 23 | M34JDM03X | 6.3 | 23 |
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| | | | M33ACL52D | 6.3 | 23 | M34JAL10X | 6.3 | 23 | M34JCA13X | 6.3 | 23 | M34JDR55X | 6.3 | 23 |
| | | | M33ACL52X | 6.3 | 23 | M34JAL70X | 6.3 | 23 | M34JCA30A | 6.3 | 23 | M34JDT01X | 6.3 | 23 |
| M30JBC10X | 6.3 | 5 | M33ACL62D | 6.3 | 23 | M34JAM00X | 6.3 | 23 | M34JCA30X | 6.3 | 23 | M34JDU03X | 6.3 | 23 |
| M30JBC15X | 6.3 | 5 | M33ACL62X | 6.3 | 23 | M34JAM10X | 6.3 | 23 | M34JCA32X | 6.3 | 23 | M34JDU13X | 6.3 | 23 |
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| M30KER11XX | 6.3 | 23 | M33ACN40X | 6.3 | 23 | M34JAW03X | 6.3 | 23 | M34JCA34A | 6.3 | 23 | M34JDV12X | 6.3 | 23 |
| M30KEF20XX | 6.3 | 23 | | | M34JAW13X | 6.3 | 23 | M34JCA40X | 6.3 | 23 | M34JDV13X | 6.3 | 23 | |
| M30KEF21XX | 6.3 | 23 | M34AFA60X | 6.3 | 23 | M34JAW33X | 6.3 | 23 | M34JCA41X | 6.3 | 23 | M34JEF01X | 6.3 | 23 |
| M30KGG10XX | 6.3 | 23 | M34AFA61X | 6.3 | 23 | M34JAW41XB | 6.3 | 23 | M34JCA50X | 6.3 | 23 | M34JEF037X | 6.3 | 23 |
| M30KGG11XX | 6.3 | 23 | M34AFB60X | 6.3 | 23 | M34JAW43X | 6.3 | 23 | M34JCA40X | 6.3 | 23 | M34JEF11X | 6.3 | 23 |
| M30KGG20XX | 6.3 | 23 | M34AFB61X | 6.3 | 23 | M34JBF05X | 6.3 | 23 | M34JCA41X | 6.3 | 23 | M34JEF71X | 6.3 | 23 |
| M30KGG21XX | 6.3 | 23 | M34AFG21X | 6.3 | 23 | M34JBF11X | 6.3 | 23 | M34JCA50X | 6.3 | 23 | M34JEF80X | 6.3 | 23 |
| M30KPF23XX ** | 6.3 | 23 | M34AFG71X | 6.3 | 23 | M34JBF00X | 6.3 | 23 | M34JCA50X | 6.3 | 23 | M34JEF87X | 6.3 | 23 |
| M30KPG23XX ** | 6.3 | 23 | M34AGC60X | 6.3 | 23 | M34JBJK00X | 6.3 | 23 | M34JCA50X | 6.3 | 23 | M34JEG13X | 6.3 | 23 |
| M30KTS23XX ** | 6.3 | 23 | M34AGC70X | 6.3 | 23 | M34JBJK10X | 6.3 | 23 | M34JCA50X | 6.3 | 23 | | | |

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
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| M34JEJ00X | 6.3 | 3 | M34JES01X | 6.3 | 23 | M34JLR03X | 6.3 | 23 | M34JPC25X | 6.3 | 23 | M34JVT22X | 6.3 | 23 |
| M34JEK00X ** | 6.3 | 23 | M34JES09X | 6.3 | 23 | M34JLS16X | 6.3 | 23 | M34JPM80X | 6.3 | 23 | M34JVX80X | 6.3 | 23 |
| M34JEK01XX ** | 6.3 | 23 | M34JFA09X | 6.3 | 30 | M34JLS39X | 6.3 | 23 | M34JPR00X | 6.3 | 23 | M34JVX84X | 6.3 | 23 |
| M34JEK03XX ** | 6.3 | 23 | M34JFD11X | 6.3 | 23 | M34JLS56X | 6.3 | 23 | M34JPR61X | 6.3 | 23 | M34JWH05X | 6.3 | 23 |
| M34JEK04XX ** | 6.3 | 23 | M34JFE11X | 6.3 | 23 | M34JLW00X | 6.3 | 23 | M34JPR70X | 6.3 | 23 | M34JWK73X | 6.3 | 23 |
| M34JEK10XX ** | 6.3 | 23 | M34JFE40X | 6.3 | 23 | M34JLW01X | 6.3 | 23 | M34JPS00X | 6.3 | 23 | M34JWZ00X | 6.3 | 23 |
| M34JEK11XX ** | 6.3 | 23 | M34JFG03X | 6.3 | 23 | M34JLW03X | 6.3 | 23 | M34JPS70X | 6.3 | 23 | M34JWZ10X | 6.3 | 23 |
| M34JEK20XX ** | 6.3 | 23 | M34JFM21DD | 6.3 | 23 | M34JLW40X | 6.3 | 23 | M34JPS77X | 6.3 | 23 | M34JXC00X | 6.3 | 23 |
| M34JEK21XX ** | 6.3 | 23 | M34JFM22X | 6.3 | 23 | M34JLW80X | 6.3 | 23 | M34JPS80X | 6.3 | 23 | M34JYD56X | 6.3 | 23 |
| M34JEK23XX ** | 6.3 | 23 | M34JFS01X | 6.3 | 23 | M34JMA00XX | 6.3 | 23 | M34JPS82X | 6.3 | 23 | M34JYT70X | 6.3 | 23 |
| M34JEK24XX ** | 6.3 | 23 | M34JGH00X | 6.3 | 23 | M34JMA03X | 6.3 | 23 | M34JPS87X | 6.3 | 23 | M34JYT77X | 6.3 | 23 |
| M34JEK30XX ** | 6.3 | 23 | M34JGQ56X | 6.3 | 23 | M34JMA10X | 6.3 | 23 | M34JPS87X | 6.3 | 23 | M34JYU87X | 6.3 | 23 |
| M34JEK31XX ** | 6.3 | 23 | M34JGS11X | 6.3 | 23 | M34JME00XX | 6.3 | 23 | M34JPU13X | 6.3 | 31 | M34JZN22XX | 6.3 | 41 |
| M34JEL00X | 6.3 | 23 | M34JGT10X | 6.3 | 23 | M34JME03X | 6.3 | 23 | M34JQC03X | 6.3 | 23 | M34JZP80X | 6.3 | 23 |
| M34JEL01XX | 6.3 | 23 | M34JGT60X | 6.3 | 23 | M34JME10X | 6.3 | 23 | M34JRT05X | 6.3 | 23 | M34JZT80X | 6.3 | 23 |
| M34JEL10XX | 6.3 | 23 | M34JGT62X | 6.3 | 23 | M34JMN00X | 6.3 | 23 | M34JRW00X | 6.3 | 23 | M34JZU30X | 6.3 | 23 |
| M34JEL11XX | 6.3 | 23 | M34JGT70X | 6.3 | 23 | M34JMN02X | 6.3 | 23 | M34JRW01X | 6.3 | 23 | M34JZU33X | 6.3 | 23 |
| M34JEL20XX | 6.3 | 23 | M34JHS20X | 6.3 | 36 | M34JMN62X | 6.3 | 23 | M34JRW20X | 6.3 | 23 | M34JZU80X | 6.3 | 23 |
| M34JEL21XX | 6.3 | 23 | M34JHS21X | 6.3 | 36 | M34JMN70X | 6.3 | 23 | M34JRW30X | 6.3 | 23 | M34KAM00X | 6.3 | 23 |
| M34JEL30XX | 6.3 | 23 | M34JHV51X | 6.3 | 41 | M34JMN72X | 6.3 | 23 | M34JRW30X | 6.3 | 23 | M34KBE10X * | 6.3 | 36 |
| M34JEL31XX | 6.3 | 23 | M34JHZ01X | 6.3 | 23 | M34JMN92X | 6.3 | 23 | M34JRW33X | 6.3 | 23 | M34KBE20X | 6.3 | 36 |
| M34JEM00X | 6.3 | 23 | M34JJC25X | 6.3 | 23 | M34JNC03DF | 6.3 | 23 | M34JSC12X | 6.3 | 23 | M34KBE21X | 6.3 | 36 |
| M34JEM20XX | 6.3 | 23 | M34JJV22D | 6.3 | 23 | M34JND12X | 6.3 | 23 | M34JTC00X | 6.3 | 23 | M34KBE30X | 6.3 | 36 |
| M34JEM21XX | 6.3 | 23 | M34JKD10X | 6.3 | 23 | M34JNG13X | 6.3 | 23 | M34JTD00X | 6.3 | 23 | M34KBE31X | 6.3 | 36 |
| M34JEM30XX | 6.3 | 23 | M34JKD60X | 6.3 | 23 | M34JNP00X | 6.3 | 23 | M34JTE03X | 6.3 | 23 | M34KBG23XX | 6.3 | 23 |
| M34JEM31XX | 6.3 | 23 | M34JKD70X | 6.3 | 23 | M34JNP10X | 6.3 | 23 | M34JTT10X | 6.3 | 23 | M34KBV082X | 6.3 | 23 |
| M34JEN00X | 6.3 | 23 | M34JKD77X | 6.3 | 23 | M34JNP80X | 6.3 | 23 | M34JTW90X | 6.3 | 23 | M34KBV50X | 6.3 | 23 |
| M34JEN20XX | 6.3 | 23 | M34JKD80X | 6.3 | 23 | M34JNP89X | 6.3 | 23 | M34JTY60X | 6.3 | 31 | M34KBV70DM | 6.3 | 23 |
| M34JEN21XX | 6.3 | 23 | M34JKD82X | 6.3 | 23 | M34JNP93X | 6.3 | 23 | M34JUB30X | 6.3 | 23 | M34KBV70X | 6.3 | 23 |
| M34JEN30XX | 6.3 | 23 | M34JKD87X | 6.3 | 23 | M34JNQ10X | 6.3 | 36 | M34JUN23XX | 6.3 | 23 | M34KBV80X | 6.3 | 23 |
| M34JEN31XX | 6.3 | 23 | M34JKD90X | 6.3 | 23 | M34JNQ11X * | 6.3 | 36 | M34JUP23XX | 6.3 | 23 | M34KBW83X | 6.3 | 23 |
| M34JEN80X | 6.3 | 23 | M34JKS02DD | 6.3 | 23 | M34JNQ15X | 6.3 | 36 | M34JUQ23XX | 6.3 | 23 | M34KCH10X | 6.3 | 23 |

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See Notes Inside Cover

M34JEG58X — M34KCH10X

32 COLOR

See Notes Inside Cover

M34KCH13X — M36JVM23X

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
|---------------|--------|----|--------------|--------|----|--------------|--------|----|---------------|--------|----|--------------|--------|----|
| M34KCH13X | 6.3 | 23 | M34KFP30XX * | 6.3 | 23 | M34KLT23XX | 6.3 | 23 | M34KUM52X | 6.3 | 23 | M34LAF10XX | 6.3 | 23 |
| M34KCX00X | 6.3 | 70 | M34KFQ11XX | 6.3 | 23 | M34KLU23XX | 6.3 | 23 | M34KUN35X ** | 6.3 | 23 | M34LAP00X | 6.3 | 23 |
| M34KDD00X | 6.3 | 23 | M34KFT00X | 6.3 | 23 | M34KLV23XX | 6.3 | 23 | M34KUN62X | 6.3 | 23 | M34LBY003X * | 6.3 | 23 |
| M34KDD50X | 6.3 | 23 | M34KFT03X | 6.3 | 23 | M34KLW23XX | 6.3 | 23 | M34KUP35X ** | 6.3 | 23 | M34LBY203X * | 6.3 | 23 |
| M34KDD80X | 6.3 | 23 | M34KGD080X | 6.3 | 23 | M34KLX23XX | 6.3 | 23 | M34KUP82X | 6.3 | 23 | M34LCX203X @ | 6.3 | 23 |
| M34KDD83X | 6.3 | 23 | M34KGD392X | 6.3 | 23 | M34KMJ21XX | 6.3 | 23 | M34KUQ02X | 6.3 | 23 | | | |
| M34KDM11XX * | 6.3 | 23 | M34KGD30X | 6.3 | 23 | M34KMM20XX | 6.3 | 23 | M34KUQ35X ** | 6.3 | 23 | M36AEB00XX | 6.3 | 23 |
| M34KDN10XX * | 6.3 | 23 | M34KH00X | 6.3 | 23 | M34KMM22XX | 6.3 | 23 | M34KVB282X | 6.3 | 23 | M36AEB22XX | 6.3 | 23 |
| M34KDN20XX * | 6.3 | 23 | M34KH00X | 6.3 | 23 | M34KMQ00X | 6.3 | 23 | M34KVB282XE | 6.3 | 23 | M36AEB46XX | 6.3 | 23 |
| M34KDN21XX ** | 6.3 | 23 | M34KHY00X | 6.3 | 23 | M34KNE20XX | 6.3 | 23 | M34KVP10XX | 6.3 | 23 | M36AEB98XX | 6.3 | 23 |
| M34KDP10XX * | 6.3 | 23 | M34KJB21XX | 6.3 | 23 | M34KNE20XX | 6.3 | 23 | M34KVQ10XX * | 6.3 | 23 | M36AEB99XX | 6.3 | 23 |
| M34KDP20XX * | 6.3 | 23 | M34KJB21XX | 6.3 | 23 | M34KNJ20XX | 6.3 | 23 | M34KVR10XX * | 6.3 | 23 | M36AES60X | 6.3 | 23 |
| M34KDP20XX * | 6.3 | 23 | M34KJB30XX | 6.3 | 23 | M34KNM20XX | 6.3 | 23 | M34KVS10XX * | 6.3 | 23 | M36AEW11XX | 6.3 | 70 |
| M34KDP20XX * | 6.3 | 23 | M34KJB31XX | 6.3 | 23 | M34KNZ20XX | 6.3 | 23 | M34KVS25XX * | 6.3 | 23 | M36JCA00X | 6.3 | 23 |
| M34KDR10XX @ | 6.3 | 23 | M34KJC21XX | 6.3 | 23 | M34KNZ564X | 6.0 | 23 | M34KVT10XX * | 6.3 | 23 | M36JGB01X | 6.3 | 31 |
| M34KDS10XX * | 6.3 | 23 | M34KJC21XX | 6.3 | 23 | M34KQA20XX | 6.3 | 23 | M34KVU10XX * | 6.3 | 23 | M36JGK00X | 6.3 | 23 |
| M34KDS20XX * | 6.3 | 23 | M34KJC30XX | 6.3 | 23 | M34KQA22XX | 6.3 | 23 | M34KWH35X | 6.3 | 23 | M36JGK30X | 6.3 | 23 |
| M34KDU00XX | 6.3 | 23 | M34KJC31XX | 6.3 | 23 | M34KQA22XX | 6.3 | 23 | M34KWJ45X | 6.3 | 23 | M36JGK90X | 6.3 | 23 |
| M34KDU01XX | 6.3 | 23 | M34KJD20XX | 6.3 | 23 | M34KQA22XX | 6.3 | 23 | M34KWK52X | 6.3 | 23 | M36JGL00X | 6.3 | 23 |
| M34KDU10XX | 6.3 | 23 | M34KJD23XX | 6.3 | 23 | M34KQA22XX | 6.3 | 23 | M34KWW00XX** | 6.3 | 23 | M36JGL30X | 6.3 | 23 |
| M34KDU11XX | 6.3 | 23 | M34KJD26XX | 6.3 | 23 | M34KRH32X | 6.3 | 23 | M34KWW10X * | 6.3 | 23 | M36JGL80X | 6.3 | 23 |
| M34KDV00XX | 6.3 | 23 | M34KJE21XX | 6.3 | 23 | M34KRH35X ** | 6.3 | 23 | M34KWW20XX * | 6.3 | 23 | M36JGL90X | 6.3 | 23 |
| M34KDV01XX | 6.3 | 23 | M34KJE23XX | 6.3 | 23 | M34KRJ42X | 6.3 | 23 | M34KWW30XX * | 6.3 | 23 | M36JJC00X | 6.3 | 31 |
| M34KDV10XX | 6.3 | 23 | M34KJE26XX | 6.3 | 23 | M34KRJ52X | 6.3 | 23 | M34KXG10X ** | 6.3 | 23 | M36JJC60X | 6.3 | 31 |
| M34KDV11XX | 6.3 | 23 | M34KJL00XX | 6.3 | 23 | M34KRL62X | 6.3 | 23 | M34KXG20X ** | 6.3 | 23 | M36JJC20X | 6.3 | 23 |
| M34KDW00XX | 6.3 | 23 | M34KJL05XX | 6.3 | 23 | M34KRM82X | 6.3 | 23 | M34KXG30X ** | 6.3 | 23 | M36JSB70X | 6.3 | 31 |
| M34KDW01XX | 6.3 | 23 | M34KJL05XX | 6.3 | 23 | M34KRN02X | 6.3 | 23 | M34KXG40X ** | 6.3 | 23 | M36JYU00XX | 6.3 | 23 |
| M34KDW10XX | 6.3 | 23 | M34KKE00X | 6.3 | 23 | M34KSE22XX | 6.3 | 23 | M34KYS05XX * | 6.3 | 23 | M36JYU01XX | 6.3 | 23 |
| M34KDW11XX | 6.3 | 23 | M34KLC23XX * | 6.3 | 23 | M34KSE23XX | 6.3 | 23 | M34KZM10XX ** | 6.3 | 25 | M36JYU20XX | 6.3 | 23 |
| M34KDW11XX | 6.3 | 23 | M34KLC23XX * | 6.3 | 23 | M34KSP23XX | 6.3 | 23 | M34KZM20XX ** | 6.3 | 23 | M36JYU21XX | 6.3 | 23 |
| M34KDY80X | 6.3 | 23 | M34KLP20XX | 6.3 | 23 | M34KSP23XX | 6.3 | 23 | M34KZM22XX | 6.3 | 23 | M36JVE90X | 6.3 | 23 |
| M34KDZ30X | 6.3 | 23 | M34KLP21XX | 6.3 | 23 | M34KUL42X | 6.3 | 23 | M34KZM30XX ** | 6.3 | 23 | M36JVL23XX | 6.3 | 23 |
| M34KFF80X | 6.3 | 23 | M34KLP22XX | 6.3 | 23 | M34KUL35X ** | 6.3 | 23 | M34KZM40XX ** | 6.3 | 23 | M36JVM23XX | 6.3 | 23 |
| M34KFG00X | 6.3 | 23 | M34KLP23XX | 6.3 | 23 | M34KUL42X | 6.3 | 23 | | | | | | |
| M34KFL21XX | 6.3 | 23 | M34KLS23XX | 6.3 | 23 | M34KUM35X ** | 6.3 | 23 | | | | | | |

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
|-------------|--------|----|---------------|--------|----|---------------|--------|----|----------------|--------|----|---------------|--------|----|
| M36JVN13XX | 6.3 | 23 | M36KGF21XX | 6.3 | 23 | M36KNV26XX ** | 6.3 | 23 | M36KVW26XP ** | 6.3 | 23 | M36LHX07XX ** | 6.3 | 23 |
| M36JVN23XX | 6.3 | 23 | M36KGT50X | 6.3 | 23 | M36KPA21XX ** | 6.3 | 23 | M36KVX26XX ** | 6.3 | 23 | M36LHX23XX ** | 6.3 | 23 |
| M36JWY00XX | 6.3 | 23 | M36KGT350X | 6.3 | 23 | M36KPB20XX ** | 6.3 | 23 | M36KVY23XX ** | 6.3 | 23 | M36LHX27XX ** | 6.3 | 23 |
| M36JWY01XX | 6.3 | 23 | M36KH189X | 6.3 | 23 | M36KPB26XX ** | 6.3 | 23 | M36KVY26XP ** | 6.3 | 23 | M36LJB100X | 6.3 | 23 |
| M36JWY02XX | 6.3 | 23 | M36KHC189X | 6.3 | 23 | M36KPC000X | 6.0 | 23 | M36KVY26XX ** | 6.3 | 23 | M36LJB108XX | 6.3 | 23 |
| M36JWY03XX | 6.3 | 23 | M36KJ50X | 6.3 | 23 | M36KPC030X | 6.0 | 23 | M36KWR32X | 6.3 | 23 | M36QAM35X | 6.3 | 23 |
| M36JWY20XX | 6.3 | 23 | M36KJ50X | 6.3 | 23 | M36KPC040X | 6.0 | 23 | M36KXU000XX | 6.3 | 23 | | | |
| M36JWY21XX | 6.3 | 23 | M36KKW24XX ** | 6.3 | 23 | M36KPC189X | 6.3 | 23 | M36KXU110XX ** | 6.3 | 23 | M37-102X | 6.3 | 30 |
| M36JWY22XX | 6.3 | 23 | M36KKW26XX ** | 6.3 | 23 | M36KPC189X | 6.3 | 23 | M36KXU140XX ** | 6.3 | 23 | M37-120X | 6.3 | 24 |
| M36JWY23XX | 6.3 | 23 | M36KKY20XX ** | 6.3 | 23 | M36KPC189X | 6.3 | 23 | M36KYF22XX | 6.3 | 23 | | | |
| M36JWY23XX | 6.3 | 23 | M36KKY23XX ** | 6.3 | 23 | M36KPC26XX | 6.3 | 23 | M36KYF23XX | 6.3 | 23 | M38JAB00X | 6.3 | 23 |
| M36JYW89X | 6.3 | 23 | M36KJY26XX ** | 6.3 | 23 | M36KPL26XX | 6.3 | 23 | M36KYG22XX | 6.3 | 23 | M38JAB51X | 6.3 | 41 |
| M36JYX89X | 6.3 | 23 | M36KLH50X | 6.3 | 23 | M36KPM26XX | 6.3 | 23 | M36KYG23XX | 6.3 | 23 | M38JAC51X* | 6.3 | 41 |
| M36JYX89X | 6.3 | 23 | M36KLH80X | 6.3 | 23 | M36KPN23XX ** | 6.3 | 23 | M36KZC23XX @@ | 6.3 | 23 | M38JEK00XX | 6.3 | 23 |
| M36KAW00X * | 6.3 | 23 | M36KLH180X | 6.3 | 23 | M36KPN26XX | 6.3 | 23 | M36KZC26XX @@ | 6.3 | 23 | M38JEK01XX | 6.3 | 23 |
| M36KBQ00XX | 6.3 | 23 | M36KLH560X | 6.3 | 23 | M36KPN27XX ** | 6.3 | 23 | M36KZD23XX ** | 6.3 | 23 | M38JEK30XX | 6.3 | 23 |
| M36KBQ01XX | 6.3 | 23 | M36KLH680X | 6.3 | 23 | M36KRY23XX ** | 6.3 | 23 | M36KZD26XX ** | 6.3 | 23 | M38JEK31XX | 6.3 | 23 |
| M36KBQ02XX | 6.3 | 23 | M36KLJ50X | 6.3 | 23 | M36KR23XX ** | 6.3 | 23 | M36KZF000X | 6.3 | 23 | M38JFJ35X | 6.3 | 23 |
| M36KBQ03XX | 6.3 | 23 | M36KLJ50X | 6.3 | 23 | M36KSC23XX | 6.3 | 23 | M36LBL503X | 6.3 | 23 | M38JFJ36X | 6.3 | 23 |
| M36KBQ20XX | 6.3 | 23 | M36KLY23XX | 6.3 | 23 | M36KSC24XX | 6.3 | 23 | M36LBL703X | 6.3 | 23 | M38JFJ37X | 6.3 | 23 |
| M36KBQ21XX | 6.3 | 23 | M36KLZ23XX | 6.3 | 23 | M36KSD23XX | 6.3 | 23 | M36LBL803X | 6.3 | 23 | M38JFJ39X | 6.3 | 23 |
| M36KBQ22XX | 6.3 | 23 | M36KMA23XX | 6.3 | 23 | M36KSD24XX | 6.3 | 23 | M36LDN100X | 6.3 | 23 | M38JFJ47X | 6.3 | 23 |
| M36KBQ23XX | 6.3 | 23 | M36KMB23XX | 6.3 | 23 | M36KTR26XX | 6.3 | 23 | M36LDP100X | 6.3 | 23 | M38JFJ49X | 6.3 | 23 |
| M36KBR00XX | 6.3 | 23 | M36KMC23XX | 6.3 | 23 | M36KU1189XH | 6.3 | 23 | M36LE731X | 6.0 | 23 | M38JFJ57X | 6.3 | 23 |
| M36KBR01XX | 6.3 | 23 | M36KMD23XX | 6.3 | 23 | M36KUH189XH | 6.3 | 23 | M36LFA180X | 6.3 | 31 | M38JFJ67X | 6.3 | 23 |
| M36KBR21XX | 6.3 | 23 | M36KME23XX | 6.3 | 23 | M36KUL35X ** | 6.3 | 23 | M36LF2000X | 6.3 | 70 | M38JGN00X | 6.3 | 23 |
| M36KE00XX | 6.3 | 23 | M36KME80XX | 6.3 | 23 | M36KUM35X ** | 6.3 | 23 | M36LGE23XX ** | 6.3 | 51 | M38JGN01X | 6.3 | 23 |
| M36KE01XX | 6.3 | 23 | M36KMF23XX | 6.3 | 23 | M36KUN35X ** | 6.3 | 23 | M36LGF106XX ** | 6.3 | 31 | M38JLT00X | 6.3 | 23 |
| M36KE20XX | 6.3 | 23 | M36KMH26XX | 6.3 | 23 | M36KUP35X ** | 6.3 | 23 | M36LGF107XX ** | 6.3 | 31 | M38JLT01X | 6.3 | 23 |
| M36KE21XX | 6.3 | 23 | M36KMM26XX | 6.3 | 23 | M36KUT23XX | 6.3 | 23 | M36LGG106XX ** | 6.3 | 31 | M38JLT71X | 6.3 | 23 |
| M36KEN26XX | 6.3 | 23 | M36KML50XB | 6.3 | 23 | M36KUT27XX ** | 6.3 | 23 | M36LGG107XX ** | 6.3 | 31 | | | |
| M36KGF20XX | 6.3 | 23 | M36KMT350XB | 6.3 | 23 | M36KU023XX | 6.3 | 23 | | | | | | |
| | | | M36KMU250XB | 6.3 | 23 | M36KUW23XX | 6.3 | 23 | | | | | | |
| | | | M36KNT26XX | 6.3 | 23 | | | | | | | | | |
| | | | M36KNU26XX | 6.3 | 23 | | | | | | | | | |

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See Notes Inside Cover

M36JVN13XX — M38JLU37X

34 COLOR

See Notes Inside Cover

M38JLU39X — M48JBY02X

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
|------------|--------|----|---------------|--------|----|---------------|--------|----|---------------|--------|----|---------------|--------|----|
| M38JLU39X | 6.3 | 23 | M41KBH00XX | 6.3 | 71 | M41KSH25XX ** | 6.3 | 23 | M41KXL26XX | 6.3 | 23 | M41LHN00X | 6.0 | 70 |
| M38JLU47X | 6.3 | 23 | M41KED00XX * | 6.3 | 23 | M41KSJ23XX ** | 6.3 | 23 | M41KXN23XX | 6.3 | 23 | M41LHY03XX | 6.3 | 70 |
| M38JLU49X | 6.3 | 23 | M41KED01XX * | 6.3 | 23 | M41KSJ24XX ** | 6.3 | 23 | M41KXN26XX | 6.3 | 23 | M41LHY07XX ** | 6.3 | 70 |
| M38JLU57X | 6.3 | 23 | M41KED10XX * | 6.3 | 23 | M41KSJ25XX ** | 6.3 | 23 | M41KXN23XX | 6.3 | 23 | M41LHY13XX ** | 6.3 | 70 |
| M38JLU59X | 6.3 | 23 | M41KED11XX * | 6.3 | 23 | M41KSQ26XX ** | 6.3 | 23 | M41KXN26XX | 6.3 | 23 | M41LHY17XX ** | 6.3 | 70 |
| M38JLU67X | 6.3 | 23 | M41KEN10XX ** | 6.3 | 23 | M41KSX180X | 6.3 | 70 | M41KXU000X | 6.3 | 70 | M41LHY23XX ** | 6.3 | 70 |
| M38JLU69X | 6.3 | 23 | M41KEN11XX ** | 6.3 | 23 | M41KSX680X | 6.3 | 70 | M41KZE23XX ** | 6.3 | 23 | M41LHY27XX ** | 6.3 | 70 |
| M38JSS36X | 6.3 | 70 | M41KEN20XX ** | 6.3 | 23 | M41KSX683X | 6.3 | 70 | M41KZE26XX ** | 6.3 | 23 | M41LHZ03XX ** | 6.3 | 70 |
| M38JUN04XX | 6.3 | 23 | M41KEN21XX ** | 6.3 | 23 | M41KSY180X | 6.3 | 70 | M41KZV01X ** | 6.3 | 70 | M41LHZ07XX ** | 6.3 | 70 |
| M38JUP04XX | 6.3 | 23 | M41KFE23XX | 6.3 | 71 | M41KUG23XX | 6.3 | 23 | M41KZZ22XX ** | 6.3 | 23 | M41LHZ13XX ** | 6.3 | 70 |
| M38JUR04XX | 6.3 | 23 | M41KFE80XX | 6.3 | 71 | M41KVV80X | 6.3 | 70 | M41KZZ23XX ** | 6.3 | 23 | M41LHZ17XX ** | 6.3 | 70 |
| M38JVZ81X | 6.3 | 23 | M41KJF13XX | 6.3 | 23 | M41KVZ180X | 6.3 | 70 | M41LAC473X | 6.3 | 70 | M41LHZ23XX ** | 6.3 | 70 |
| M38JVZ81XE | 6.3 | 23 | M41KJF16XX | 6.3 | 23 | M41KVZ680X | 6.3 | 70 | M41LAC970X * | 6.3 | 70 | M41LHZ27XX ** | 6.3 | 70 |
| M38JZS74XX | 6.3 | 23 | M41KJF23XX ** | 6.3 | 23 | M41KWA80X | 6.3 | 23 | M41LAD473X | 6.3 | 70 | M41LJC101XX | 6.3 | 71 |
| M38KBG04XX | 6.3 | 23 | M41KJF26XX ** | 6.3 | 23 | M41KWB180X | 6.3 | 70 | M41LAD970X * | 6.3 | 70 | M41LJC109XX | 6.3 | 71 |
| M38KBG26XX | 6.3 | 23 | M41KJL50X | 6.3 | 70 | M41KWB680X | 6.3 | 70 | M41LAN22XX @@ | 6.3 | 23 | M41LJV000X | 6.0 | 70 |
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| M38KFY391X | 6.3 | 23 | M41KKL680X* | 6.3 | 70 | M41KWN26XX@ | 6.3 | 23 | M41LDL27X ** | 6.3 | 70 | | | |
| M38KKH54XX | 6.3 | 23 | M41KMG20XX | 6.3 | 71 | M41KWP23XX@ | 6.3 | 23 | M41LDQ101X | 6.3 | 71 | M43ACR22X | 6.3 | 23 |
| M38KUR43X | 6.3 | 23 | M41KMG23XX | 6.3 | 71 | M41KWP26XX@ | 6.3 | 23 | M41LDQ102X | 6.3 | 70 | M43ACR24X | 6.3 | 23 |
| M38KUS42X | 6.3 | 23 | M41KMK23XX ** | 6.3 | 23 | M41KWP23XX@ | 6.3 | 23 | M41LDR101X | 6.3 | 71 | | | |
| | | | M41KMK26XX ** | 6.3 | 23 | M41KWP26XX@ | 6.3 | 23 | M41LDR102X | 6.3 | 70 | M46JGK00X | 6.3 | 23 |
| M41AGE60X | 6.3 | 70 | M41KMP23XX ** | 6.3 | 23 | M41KWX23XX@ | 6.3 | 23 | M41LEJ22X ** | 6.3 | 70 | M46JGK30X | 6.3 | 23 |
| M41JGK00X | 6.3 | 23 | M41KRW180X | 6.3 | 70 | M41KWX26XX@ | 6.3 | 23 | M41LEJ23X ** | 6.3 | 70 | M46JGK91X | 6.3 | 23 |
| M41JGU00X | 6.3 | 23 | M41KRW180X | 6.3 | 23 | M41KXH100X | 6.0 | 70 | M41LEK22X ** | 6.3 | 70 | | | |
| M41JUA00X* | 6.3 | 23 | M41KRX599X | 6.0 | 70 | M41KXH140X | 6.0 | 70 | M41LEK23X ** | 6.3 | 70 | M48AAW00X | 6.3 | 23 |
| M41JUY00X | 6.3 | 23 | M41KSF20XX ** | 6.3 | 23 | M41KXH800X | 6.0 | 70 | M41LFQ803X | 6.3 | 70 | M48ACJ00X | 6.3 | 23 |
| M41JUY10XX | 6.3 | 23 | M41KSF22XX ** | 6.3 | 23 | M41KXH899X | 6.0 | 70 | M41LGT180X | 6.3 | 70 | M48AGX13X | 6.3 | 31 |
| M41JUY11XX | 6.3 | 23 | M41KSG20XX ** | 6.3 | 23 | M41KXH900X | 6.0 | 70 | M41LGZ23XX ** | 6.3 | 31 | M48AGX63X | 6.3 | 23 |
| M41JUY20XX | 6.3 | 23 | M41KSG22XX ** | 6.3 | 23 | M41KXK23XX ** | 6.3 | 23 | M41LGZ27XX ** | 6.3 | 31 | M48JAC00X | 6.3 | 23 |
| M41JUY21XX | 6.3 | 23 | M41KSH23XX ** | 6.3 | 23 | M41KXK26XX ** | 6.3 | 23 | M41LHA23XX ** | 6.3 | 31 | M48JBR00X | 6.3 | 23 |
| M41JV20X | 6.3 | 23 | M41KSH24XX ** | 6.3 | 23 | M41KXL23XX | 6.3 | 23 | M41LHA27XX ** | 6.3 | 31 | M48JBY02X | 6.3 | 23 |

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
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| M48JCP11X | 6.3 | 23 | M48JFJ32X | 6.3 | 23 | M48JLJ31X | 6.3 | 23 | M48JSS36X | 6.3 | 70 | M48KAQ56X | 6.3 | 70 |
| M48JQC61X | 6.3 | 23 | M48JFJ34X | 6.3 | 23 | M48JLJ32X | 6.3 | 23 | M48JSS59X | 6.3 | 70 | M48KAY12X | 6.3 | 70 |
| M48JCR21X | 6.3 | 23 | M48JFJ36X | 6.3 | 23 | M48JLJ20X | 6.3 | 23 | M48JST00X | 6.3 | 70 | M48KAY30X | 6.3 | 70 |
| M48JDG40X | 6.3 | 30 | M48JFJ37X | 6.3 | 23 | M48JLJ22X | 6.3 | 23 | M48JSU56X | 6.3 | 70 | M48KAY32X | 6.3 | 70 |
| M48JDJ00X | 6.3 | 23 | M48JFJ50X | 6.3 | 23 | M48JLJ11X | 6.3 | 23 | M48JSU59X | 6.3 | 70 | M48KAY62X | 6.3 | 70 |
| M48JDJ01X | 6.3 | 23 | M48JFJ54X | 6.3 | 23 | M48JLT00X | 6.3 | 23 | M48JTK11X | 6.3 | 23 | M48KAY80X | 6.3 | 70 |
| M48JDJ02X | 6.3 | 23 | M48JFJ55X | 6.3 | 23 | M48JLT01X | 6.3 | 23 | M48JTQ02X | 6.3 | 23 | M48KAZ12X | 6.3 | 70 |
| M48JDJ10X | 6.3 | 23 | M48JFJ58X | 6.3 | 23 | M48JLT02X | 6.3 | 23 | M48JTQ32X | 6.3 | 23 | M48KBA20X | 6.3 | 70 |
| M48JDJ70X | 6.3 | 23 | M48JFJ59X | 6.3 | 23 | M48JLT03X | 6.3 | 23 | M48JTQ82X | 6.3 | 23 | M48KBA22X | 6.3 | 70 |
| M48JDJ80X | 6.3 | 23 | M48JFJW08X | 6.3 | 30 | M48JLT04X | 6.3 | 23 | M48JTU22X | 6.3 | 23 | M48KBA70X | 6.3 | 70 |
| M48JDJ84XE | 6.3 | 23 | M48JGJ00X | 6.3 | 3 | M48JLU07X | 6.3 | 23 | M48JUA025X | 6.3 | 23 | M48KBA73X | 6.3 | 70 |
| M48JDM12X | 6.3 | 23 | M48JGN00X | 6.3 | 23 | M48JLU17X | 6.3 | 23 | M48JUA26X | 6.3 | 23 | M48KBA74X | 6.3 | 70 |
| M48JDM31X | 6.3 | 23 | M48JGN02X | 6.3 | 23 | M48JLU27X | 6.3 | 23 | M48JUA29X | 6.3 | 23 | M48KB822X | 6.3 | 70 |
| M48JDU02X | 6.3 | 23 | M48JGN04X | 6.3 | 23 | M48JLU37X | 6.3 | 23 | M48JUD37X | 6.3 | 23 | M48KB822X | 6.3 | 70 |
| M48JDU11X | 6.3 | 23 | M48JGN12X | 6.3 | 23 | M48JLU39X | 6.3 | 23 | M48JUN04XX | 6.3 | 23 | M48KBC70X | 6.3 | 70 |
| M48JDV61X | 6.3 | 23 | M48JGN42X | 6.3 | 23 | M48JLU47X | 6.3 | 23 | M48JUN26XX | 6.3 | 23 | M48JBD22X | 6.3 | 70 |
| M48JEF01X | 6.3 | 23 | M48JGN44X | 6.3 | 23 | M48JLU57X | 6.3 | 23 | M48JUP04XX | 6.3 | 23 | M48KBJ04XX | 6.3 | 71 |
| M48JEF03X | 6.3 | 23 | M48JGN72X | 6.3 | 23 | M48JLU87X | 6.3 | 23 | M48JUP26XX | 6.3 | 23 | M48KBJ26XX | 6.3 | 71 |
| M48JEF04X | 6.3 | 23 | M48JGN74X | 6.3 | 23 | M48JMG21X | 6.3 | 23 | M48JUP54XX | 6.3 | 23 | M48KBK04XX | 6.3 | 71 |
| M48JEF73X | 6.3 | 23 | M48JGN80X | 6.3 | 23 | M48JNF22X | 6.3 | 23 | M48JUR04XX | 6.3 | 23 | M48KBK26XX | 6.3 | 71 |
| M48JEF74X | 6.3 | 23 | M48JGP57X | 6.3 | 30 | M48JNH11X | 6.3 | 23 | M48JUR26XX | 6.3 | 23 | M48KBK54XX | 6.3 | 71 |
| M48JEF19X | 6.3 | 23 | M48JGQ17X | 6.3 | 23 | M48JNJ22X | 6.3 | 23 | M48JXA11X | 6.3 | 23 | M48KBL04XX | 6.3 | 23 |
| M48JEG27X | 6.3 | 23 | M48JGQ27X | 6.3 | 23 | M48JNJ23X | 6.3 | 23 | M48JXB11X | 6.3 | 23 | M48KBL26XX | 6.3 | 23 |
| M48JEG33X | 6.3 | 23 | M48JGQ33X | 6.3 | 23 | M48JNK22X | 6.3 | 23 | M48JXD11X | 6.3 | 23 | M48KBS12X | 6.3 | 70 |
| M48JEG35X | 6.3 | 23 | M48JGQ39X | 6.3 | 23 | M48JQD20X | 6.3 | 23 | M48JXD30X | 6.3 | 23 | M48KBT22X | 6.3 | 70 |
| M48JEG37X | 6.3 | 23 | M48JGQ20X | 6.3 | 23 | M48JQD21X | 6.3 | 23 | M48JXD32X | 6.3 | 23 | M48KBU22X | 6.3 | 70 |
| M48JEK20XX | 6.3 | 23 | M48JHW22X | 6.3 | 23 | M48JQD22X | 6.3 | 23 | M48JYE32X | 6.3 | 23 | M48KDA56X | 6.3 | 23 |
| M48JEK21XX | 6.3 | 23 | M48JUV21X | 6.3 | 23 | M48JQZ00X | 6.3 | 23 | M48JYJ80X | 6.3 | 23 | M48KDB56X | 6.3 | 70 |
| M48JFB09X | 6.3 | 30 | M48JKT21X | 6.3 | 23 | M48JRA00X | 6.3 | 23 | M48JZB10X | 6.3 | 23 | M48KFD26XX | 6.3 | 23 |
| M48JFB35X | 6.3 | 30 | M48JKT22X | 6.3 | 23 | M48JRB00X | 6.3 | 23 | M48JZF22X | 6.3 | 23 | M48KFH60X | 6.3 | 70 |
| M48JFB49X | 6.3 | 30 | M48JLJ11X | 6.3 | 23 | M48JRC00X | 6.3 | 23 | M48JZJ11X | 6.3 | 23 | M48KJF73X | 6.3 | 70 |
| M48JFD11UX | 6.3 | 23 | M48JLJ12X | 6.3 | 23 | M48JRF08X | 6.3 | 3 | M48JZP56X | 6.3 | 70 | M48KFK73X | 6.3 | 70 |

35 COLOR

See Notes Inside Cover

M48JBY72X — M48KFK73X

36 COLOR

See Notes Inside Cover

M48KFR00XX — M68JUA20J

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
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| M48KFR01XX | 6.3 | 23 | M51JKW00X | 6.3 | 23 | M51KHE180X | 6.3 | 70 | M51KYU11XX | 6.3 | 23 | M63AEH20X | 6.3 | 23 |
| M48KFR20XX | 6.3 | 23 | M51JML01X | 6.3 | 23 | M51KFM70X | 6.3 | 70 | M51KYU12XX | 6.3 | 23 | M63JRG00X | 6.3 | 3 |
| M48KFR21XX | 6.3 | 23 | M51JSE60X | 6.3 | 23 | M51KFW80X | 6.3 | 70 | M51KYU13XX | 6.3 | 23 | M63JUA025X | 6.3 | 23 |
| M48KHS494X | 6.3 | 70 | M51JSE70X | 6.3 | 23 | M51KGG116X | 6.3 | 70 | M51KYV23XX ** | 6.3 | 23 | M63JUA027X | 6.3 | 23 |
| M48KHS994X * | 6.3 | 70 | M51JTZ91X | 6.3 | 31 | M51KGR118X | 6.3 | 70 | M51KYV26XX ** | 6.3 | 23 | M63JUA21X | 6.3 | 23 |
| M48KJZ036 * | 6.3 | 70 | M51JTZ95X | 6.3 | 31 | M51KGR515X | 6.3 | 70 | M51KYY100X | 6.0 | 70 | M63JUA25X | 6.3 | 23 |
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| M48KMZ680X | 6.3 | 70 | M51JVR10X | 6.3 | 23 | M51KHC70X | 6.3 | 70 | M51KZW23XX @@ | 6.3 | 23 | M63JUA28X | 6.3 | 23 |
| M48KNA74X | 6.3 | 70 | M51JWD00XX | 6.3 | 23 | M51KHD80X | 6.3 | 70 | M51KZW27XX @@ | 6.3 | 23 | M63JUA29X | 6.3 | 23 |
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| M48KNB80X | 6.3 | 70 | M51JWD11XX | 6.3 | 23 | M51KHE180X | 6.3 | 70 | M51LBF23X @@ | 6.3 | 23 | M63JUA95X | 6.3 | 23 |
| M48KNC74X | 6.3 | 70 | M51JWD20XX | 6.3 | 23 | M51KHL199X | 6.3 | 70 | M51LBF27X @@ | 6.3 | 23 | M63JUA96X | 6.3 | 23 |
| M48KSK390X | 6.3 | 70 | M51JWD21XX | 6.3 | 23 | M51KJ10XX ** | 6.3 | 23 | M51LBG23X @@ | 6.3 | 23 | M63JUA97X | 6.3 | 23 |
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| M48KSS534X | 6.0 | 70 | M51JZR22X | 6.3 | 70 | M51KMG50XX | 6.3 | 71 | M51LBH23X @@ | 6.3 | 23 | | | |
| M48KTP654X | 6.0 | 70 | M51KAN00XX | 6.3 | 71 | M51KTG170X | 6.3 | 70 | M51LBH27X @@ | 6.3 | 23 | M65JUA91X * | 6.3 | 23 |
| M48KTP656X | 6.0 | 70 | M51KAN23XX | 6.3 | 71 | M51KTG470X | 6.3 | 70 | M51LBJ23XX @@ | 6.3 | 23 | M65KPH161X | 6.3 | 23 |
| M48KTU192X | 6.0 | 70 | M51KAN50XX | 6.3 | 71 | M51KWQ10XX ** | 6.3 | 23 | M51LBK23X @@ | 6.3 | 23 | M65KPH511X | 6.3 | 23 |
| M48KZQ790X | 6.0 | 70 | M51KBM49X | 6.3 | 70 | M51KWQ11XX ** | 6.3 | 23 | M51LBK27X @@ | 6.3 | 23 | M65KPH561X | 6.3 | 23 |
| M48LDY794X | 6.0 | 70 | M51KCY11X | 6.3 | 70 | M51KWQ12XX ** | 6.3 | 23 | M51LCH180X | 6.3 | 70 | | | |
| | | | M51KDX00XX ** | 6.3 | 23 | M51KWQ13XX ** | 6.3 | 23 | M51LCJ180X | 6.3 | 70 | M66JHX00X | 6.3 | 23 |
| M49KZK17X ** | 6.3 | 70 | M51KDX01XX ** | 6.3 | 23 | M51KXA10XX @@ | 6.3 | 23 | M51LCK180X | 6.3 | 70 | M66JHX01X | 6.3 | 23 |
| | | | M51KDX10XX ** | 6.3 | 23 | M51KXA11XX @@ | 6.3 | 23 | M51LCL180X | 6.3 | 70 | M66JHX03X | 6.3 | 23 |
| M50KYZ17X | 6.3 | 71 | M51KDX11XX ** | 6.3 | 23 | M51KXA12XX @@ | 6.3 | 23 | M51LDQ101XX ** | 6.3 | 71 | M66JHX30X | 6.3 | 23 |
| M50KZV01X ** | 6.3 | 71 | M51KEC00XX ** | 6.3 | 23 | M51KXA13XX @@ | 6.3 | 23 | M51LDR101XX ** | 6.3 | 71 | M66JHX32X | 6.3 | 23 |
| M50LJA01X ** | 6.3 | 71 | M51KEC01XX ** | 6.3 | 23 | M51KXB170X | 6.3 | 70 | M51LEQ180X | 6.3 | 70 | M66JHX90X | 6.3 | 23 |
| M50LJG31X ** | 6.3 | 71 | M51KEC10XX ** | 6.3 | 23 | M51KXY70X | 6.3 | 70 | M51LER170X | 6.3 | 70 | M66JKA11X | 6.3 | 23 |
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| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
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| M68JUA22X | 6.3 | 23 | M68JXR395X | 6.3 | 23 | M68KTY167X * | 6.3 | 23 | M78JUA27X | 6.3 | 23 | M78LAA561X | 6.3 | 23 |
| M68JUA23X | 6.3 | 23 | M68JZK21X | 6.3 | 70 | M68KTY391X * | 6.3 | 23 | M78JUA28X | 6.3 | 23 | M78LAA565X | 6.3 | 70 |
| M68JUA24X | 6.3 | 23 | M68JZK51X | 6.3 | 70 | M68KUD11X | 6.3 | 23 | M78JUA29X | 6.3 | 23 | M78LAA567X | 6.3 | 70 |
| M68JUA25X | 6.3 | 23 | M68JZK81X | 6.3 | 70 | M68KUD111X | 6.3 | 23 | M78JUA91X | 6.3 | 23 | M78LCU30X | 6.3 | 31 |
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| M68JUA29X | 6.3 | 23 | M68KFB80X | 6.3 | 70 | M68KXD130X | 6.3 | 23 | M78JXR21X | 6.3 | 23 | M79JWW61X | 6.3 | 71 |
| M68JUA51X | 6.3 | 23 | M68KFU15X | 6.3 | 70 | M68KXD210X | 6.3 | 23 | M78JXR25X | 6.3 | 23 | M79JWW81X | 6.3 | 71 |
| M68JUA58X | 6.3 | 23 | M68KGW11X | 6.3 | 71 | M68KXD212X | 6.3 | 23 | M78JXR91X | 6.3 | 23 | M79JWW161X | 6.3 | 71 |
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| M68JUA428X | 6.3 | 23 | M68KPH566X | 6.3 | 23 | | | | M78KPH566X | 6.3 | 23 | M89JZM31X | 6.3 | 71 |
| M68JVU11X | 6.3 | 23 | M68KPH567X | 6.3 | 23 | M74KLA111X | 6.3 | 23 | M78KPH567X | 6.3 | 23 | M89JZM61X | 6.3 | 23 |
| M68JVU31X | 6.3 | 71 | M68KPW115X | 6.3 | 70 | | | | M78KTY161X * | 6.3 | 23 | M89KCV11X | 6.3 | 71 |
| M68JVU111X | 6.3 | 23 | M68KQP91X | 6.3 | 23 | M78JUA069X * | 6.0 | 23 | M78KXC12X | 6.3 | 23 | M89KCV31X | 6.3 | 71 |
| M68JXR91X | 6.3 | 23 | M68KSA30X | 6.3 | 23 | M78JUA20X | 6.3 | 23 | M78KXC13X | 6.3 | 23 | M89KKU11X | 6.3 | 71 |
| M68JXR191X | 6.3 | 23 | M68KTY161X * | 6.3 | 23 | M78JUA21X | 6.3 | 23 | M78KXC110X | 6.3 | 23 | M89KKU131X | 6.3 | 71 |
| M68JXR195X | 6.3 | 23 | M68KTY165X * | 6.3 | 23 | M78JUA25X | 6.3 | 23 | M78KZS561X * | 6.3 | 70 | M89KKV61X | 6.3 | 23 |
| | | | | | | | | | M78KZS565X * | 6.3 | 70 | M89KKV161X | 6.3 | 23 |

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M89KRP11X — W66QAU010X

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
|-------------|--------|----|--------------|--------|-----|-------------|--------|----|-------------|--------|----|-------------|--------|----|
| M89KRP11X | 6.3 | 71 | P16LFS01* | 6.3 | 36 | SD-28 | 6.3 | 5 | W46LFB011X | 6.3 | 23 | W66KZA696X | 6.3 | 23 |
| M89KRP31X | 6.3 | 71 | P16LFS02* | 6.3 | 34 | SD-30 | 6.3 | 5 | W46LFB061X | 6.3 | 23 | W66KZY134X* | 6.3 | 23 |
| M89KRP111X | 6.3 | 71 | P16LFS03* | 6.3 | 34 | SD-31 | 6.3 | 5 | W46LFH193X | 6.3 | 31 | W66KZY161X* | 6.3 | 23 |
| M89KRP131X | 6.3 | 71 | P16LFT00@ | 6.3 | 26 | SD-37## | 6.3 | 3 | W46LFH693X | 6.3 | 31 | W66KZY461X* | 6.3 | 23 |
| M89KRP431X | 6.3 | 71 | P16LGD00BMB* | 6.3 | 34 | SD-38 | 6.3 | 5 | W46LFY061X | 6.3 | 23 | W66LAL991X* | 6.3 | 70 |
| M89KSZ11X | 6.3 | 71 | P16LGD00HLA* | 6.3 | 34 | SD-46 | 6.3 | 5 | W46LHK011X | 6.3 | 23 | W66LBZ195X* | 6.3 | 23 |
| M89KSZ111X | 6.3 | 71 | P16LGD00RFA* | 6.3 | 34 | SD-49 | 6.3 | 17 | W46LHK061X | 6.3 | 23 | W66LBZ991X* | 6.3 | 23 |
| M89KSZ131X | 6.3 | 71 | P16LGX01RJA* | 6.3 | N/A | SD-56 | 6.3 | 5 | W46LJ011X | 6.3 | 23 | W66LDD196X | 6.3 | 23 |
| M89KSZ211X | 6.3 | 71 | P16LHC00BMB@ | 6.3 | 26 | SD-57 | 6.3 | 17 | W46QAP027X | 6.3 | 23 | W66LDD696X | 6.3 | 23 |
| M89KUU111X | 6.3 | 71 | P16LHC00HLA@ | 6.3 | 26 | SD-61 | 6.3 | 5 | | | | W66LFC161X | 6.3 | 23 |
| M89KZP11X | 6.3 | 71 | P16LHC00RFA@ | 6.3 | 26 | SD-78 | 6.3 | 5 | W56LBM131X | 6.3 | 23 | W66LFC195X | 6.3 | 23 |
| M89KZP13X* | 6.3 | 71 | P16LHD00BMB@ | 6.3 | 26 | SD-82 | 6.3 | 5 | W56LBM141X | 6.3 | 23 | W66LFC991X | 6.3 | 23 |
| M89KZP411X | 6.3 | 71 | P16LHD00HLA@ | 6.3 | 26 | SD-88 | 6.3 | 5 | W56LCF061 | 6.3 | 23 | W66LFC995X | 6.3 | 23 |
| M89LAK11X | 6.3 | 71 | P16LHD00RFA@ | 6.3 | 26 | SD-94 | 6.3 | 5 | W56LCF161X | 6.3 | 23 | W66LFC137X* | 6.3 | 23 |
| M89LAK113X | 6.3 | 71 | P16LHV07 | 6.3 | 34 | SD-98 | 6.3 | 5 | W56LCF861 | 6.3 | 23 | W66LFN061X* | 6.3 | 23 |
| M89LAK213X | 6.3 | 71 | P16LJE09@ | 6.3 | 26 | SD102-B# | 6.3 | 38 | W56LCY061X | 6.3 | 23 | W66LFU061X | 6.3 | 23 |
| M89LAK411X | 6.3 | 71 | P16LJK01BMB* | 6.3 | 26 | SD102-G# | 6.3 | 38 | W56LCZ196X | 6.3 | 23 | W66LFU071X | 6.3 | 23 |
| M89LAK413X* | 6.3 | 71 | P16LJK01HKA* | 6.3 | 26 | SD102-R# | 6.3 | 38 | W56LCZ696X | 6.3 | 23 | W66LFU121X | 6.3 | 23 |
| | | | P16LJK01RJA* | 6.3 | 26 | SD116-B# | 6.3 | 38 | W56LDA196X | 6.3 | 23 | W66LFU511X | 6.3 | 23 |
| M100KWX11X | 6.3 | 71 | | | | SD116-G# | 6.3 | 38 | W56LGK061X | 6.3 | 23 | W66LFX696X | 6.3 | 23 |
| | | | P19LCP07* | 6.3 | 70 | SD116-R# | 6.3 | 38 | W56LHG141X* | 6.3 | 23 | W66LHH147X | 6.3 | 23 |
| M101JXF81X | 6.3 | 23 | P19LCP09* | 6.3 | 70 | | | | W56QAK037X | 6.3 | 23 | W66LHH177X | 6.3 | 23 |
| | | | P19LCQ37* | 6.3 | 70 | ST1419 | 6.3 | 3 | W56QAL010X | 6.3 | 23 | W66LHH467X | 6.3 | 23 |
| M103JWX31X* | 6.3 | 23 | | | | ST5652 | 6.3 | 1 | | | | W66LHJ060X | 6.3 | 23 |
| M103JWX41X* | 6.3 | 23 | P21LJU07BMB@ | 6.3 | 34 | ST6020 | 6.3 | 1 | W66EDX093X | 6.3 | 23 | W66LHJ061X | 6.3 | 23 |
| M103JWX45X* | 6.3 | 23 | P21LJU07HKA@ | 6.3 | 34 | ST6191 | 6.3 | 35 | W66KCT461X | 6.3 | 70 | W66LHJ071X | 6.3 | 23 |
| | | | P21LJU07RJA@ | 6.3 | 34 | | | | W66KYC010X* | 6.3 | 23 | W66LHJ121X | 6.3 | 23 |
| P16LEG07 | 6.3 | 26 | P29LCR07* | 6.3 | 70 | VT0725B22 | 6.3 | 43 | W66KYC011X* | 6.3 | 23 | W66LHL256X | 6.3 | 23 |
| P16LET07* | 6.3 | 26 | | | | VT0729B22 | 6.3 | 43 | W66KYC110X* | 6.3 | 23 | W66LHQ061 | 6.3 | 23 |
| P16LFM00@ | 6.3 | 26 | S56LHW180 | 6.3 | 70 | | | | W66KYC111X* | 6.3 | 23 | W66LHU156X | 6.3 | 23 |
| P16LFR01* | 6.3 | 26 | | | | W36LHB061X | 6.3 | 31 | W66KYC120X* | 6.3 | 23 | W66LKW256X | 6.3 | 23 |
| P16LFR02X | 6.3 | 34 | S76KLB137X | 6.0 | 70 | W36QAN030X* | 6.3 | 31 | W66KYC121X* | 6.3 | 23 | W66QAF287X | 6.3 | 23 |
| P16LFR03X | 6.3 | 34 | | | | | | | W66KYC521X* | 6.3 | 23 | W66QAU010X | 6.3 | 23 |

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
|-------------|--------|----|--------------|--------|----|--------------|--------|----|------|--------|----|------|--------|----|
| W76EDL093X* | 6.3 | 71 | W76LHJ110X | 6.3 | 23 | W86LKM111X | 6.3 | 71 | | | | | | |
| W76KYE461X* | 6.3 | 70 | W76LHJ111X | 6.3 | 23 | | | | | | | | | |
| W76KYE462X* | 6.3 | 70 | W76LHM250X | 6.3 | 23 | | | | | | | | | |
| W76KYJ190X | 6.3 | 23 | W76LHR137X* | 6.3 | 23 | | | | | | | | | |
| W76KYJ690X | 6.3 | 23 | W76LHR467X* | 6.3 | 23 | | | | | | | | | |
| W76KYR690X | 6.3 | 23 | W76LHS250X | 6.3 | 23 | | | | | | | | | |
| W76KYR790X | 6.3 | 23 | W76LHS690X* | 6.3 | 23 | | | | | | | | | |
| W76LAL161X* | 6.3 | 23 | W76LJP462** | 6.3 | 23 | | | | | | | | | |
| W76LAL581X* | 6.0 | 23 | W76LJR137X* | 6.3 | 23 | | | | | | | | | |
| W76LAL861X* | 6.3 | 70 | W76LKS132X** | 6.3 | 70 | | | | | | | | | |
| W76LAL981X* | 6.0 | 70 | W76LKS462X** | 6.3 | 70 | | | | | | | | | |
| W76LAX137X* | 6.3 | 23 | W76LKX250X | 6.3 | 23 | | | | | | | | | |
| W76LAX161X* | 6.3 | 23 | W76QAG287X* | 6.3 | 70 | | | | | | | | | |
| W76LAX164X* | 6.3 | 23 | | | | W86EDG013X** | 6.3 | 71 | | | | | | |
| W76LAX464X* | 6.3 | 23 | | | | W86EDL093X* | 6.3 | 71 | | | | | | |
| W76LAX467X* | 6.3 | 23 | | | | W86EWS01X | 6.3 | 70 | | | | | | |
| W76LBZ198X | 6.3 | 23 | | | | W86EWS001X | 6.3 | 70 | | | | | | |
| W76LBZ868X* | 6.3 | 23 | | | | | | | | | | | | |
| W76LBZ995X | 6.3 | 23 | W86KNS191X | 6.3 | 70 | | | | | | | | | |
| W76LBZ997X | 6.3 | 23 | W86KNS195X | 6.3 | 70 | | | | | | | | | |
| W76LBZ998X* | 6.3 | 23 | W86KTZ11X | 6.3 | 71 | | | | | | | | | |
| W76LCM111X* | 6.3 | 71 | W86KTZ111X | 6.3 | 71 | | | | | | | | | |
| W76LCM211X* | 6.3 | 71 | W86KTZ211X | 6.3 | 71 | | | | | | | | | |
| W76LDW690X* | 6.3 | 23 | W86KWC161X | 6.3 | 70 | | | | | | | | | |
| W76LFC165X | 6.3 | 23 | W86KWC461X | 6.3 | 70 | | | | | | | | | |
| W76LFC168X | 6.3 | 23 | W86KXW191X* | 6.3 | 70 | | | | | | | | | |
| W76LFC995X | 6.3 | 23 | W86KYP195X* | 6.3 | 70 | | | | | | | | | |
| W76LFC997X | 6.3 | 23 | W86KYP895X* | 6.3 | 70 | | | | | | | | | |
| W76LFC998X | 6.3 | 23 | W86KYT111X | 6.3 | 71 | | | | | | | | | |
| W76LHH147X | 6.3 | 23 | W86KYT151X | 6.3 | 71 | | | | | | | | | |
| W76LHJ060X | 6.3 | 23 | W86KYT211X | 6.3 | 71 | | | | | | | | | |
| W76LHJ061X | 6.3 | 23 | W86KYT251X | 6.3 | 71 | | | | | | | | | |

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| Type | Heater | CR |
|------|--------|----|------|--------|----|------|--------|----|------|--------|----|------|--------|----|
|------|--------|----|------|--------|----|------|--------|----|------|--------|----|------|--------|----|

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| Type | Heater | CR |
|------|--------|----|------|--------|----|------|--------|----|------|--------|----|------|--------|----|
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| Type | Heater | CR |
|------|--------|----|------|--------|----|------|--------|----|------|--------|----|------|--------|----|
|------|--------|----|------|--------|----|------|--------|----|------|--------|----|------|--------|----|

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| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
|----------|--------|----|----------|--------|----|----------|--------|----|-----------|--------|----|----------|--------|----|
| 2EP4 | 6.3 | 9 | 8MP4 | 6.3 | 10 | 9VARP4 | 11.0 | 7 | 10SP4 | 6.3 | 10 | 12BAP4 | 6.3 | 6 |
| | | | 8NP4 | 6.3 | 10 | 9VASP4 | 11.0 | 7 | 10VACP4 | 6.3 | 7 | 12BDP4 * | 6.3 | 6 |
| 4M33P-M | 12.0 | 7 | 8QP4 | 6.3 | 10 | 9VATP4 | 11.0 | 7 | 10VAEP4 | 11.0 | 7 | 12BEP4 * | 6.3 | 11 |
| | | | 8VABP4 | 12.0 | 7 | 9VAUP4 | 11.0 | 7 | 10VAFP4 | 11.0 | 7 | 12BFP4 | 4.2 | 7 |
| 5AXP4 | 6.3 | 10 | 8XP4 | 6.3 | 10 | 9VAWP4 * | 11.0 | 7 | 10VAGP4 | 11.0 | 7 | 12BGP4 * | 6.3 | 6 |
| 5M140P-M | 12.0 | 7 | 8YP4 | 6.3 | 11 | 9VAYP4 | 11.0 | 7 | 10VAJP4 * | 11.0 | 7 | 12BHP4 | 6.3 | 6 |
| 5TP4 * | 6.3 | 10 | | | | 9VAZP4 * | 12.0 | 7 | 10VHEP4 | 11.0 | 7 | 12BJP4 | 4.2 | 6 |
| 5VABP4 | 11.0 | 7 | 9ABP4 | 6.3 | 6 | 9VBCP4 | 11.0 | 7 | 10WP7A | 6.3 | 10 | 12BKP4 * | 6.3 | 6 |
| 5VACP4 | 12.0 | 7 | 9ACP4 | 12.0 | 7 | 9VBDP4 | 11.0 | 7 | | | | 12BLP4 * | 6.3 | 6 |
| 5VADP4 | 12.0 | 7 | 9ADP4 * | 6.3 | 6 | 9VP4 | 12.6 | 7 | 11AP4 | 6.3 | 6 | 12BMP4 | 6.3 | 7 |
| 5VAEP4 * | 12.0 | 7 | 9AEP4 | 6.3 | 7 | 9WP4 | 12.0 | 7 | 11BP4 | 6.3 | 6 | 12BNP4 | 6.3 | 6 |
| 5VAFP4 | 12.0 | 7 | 9AGP4 | 12.0 | 7 | 9XP4 | 12.6 | 8 | 11CP4 | 6.3 | 6 | 12BQP4 * | 6.3 | 6 |
| 5VAGP4 | 11.0 | 7 | 9AHP4 ** | 9.4 | 7 | 9YP4 | 12.6 | 7 | 11DP4 * | 6.3 | 6 | 12BSP4 | 6.3 | 6 |
| 5VAHP4 | 6.0 | 7 | 9ETE4 | 12.0 | 7 | | | | 11EP4 | 6.3 | 6 | 12BTP4 * | 12.6 | 6 |
| 5ZP4 | 6.3 | 10 | 9M25P-M | 6.3 | 7 | 10ABP4 | 6.3 | 10 | 11FP4 | 6.3 | 6 | 12BUP4 * | 6.3 | 6 |
| | | | 9QP4 | 4.7 | 10 | 10ADP4 | 8.4 | 10 | 11GP4 | 6.3 | 6 | 12BVP4 * | 12.6 | 7 |
| 7ABP4 | 6.3 | 10 | 9SP4 | 6.3 | 6 | 10AEP4 | 6.3 | 10 | 11HP4 | 6.3 | 6 | 12BWP4 * | 6.3 | 6 |
| 7BE10 | 6.3 | 10 | 9TP4 * | 6.3 | 6 | 10AJP4 | 6.3 | 10 | 11JP4 * | 6.3 | 6 | 12BXP4 * | 6.3 | 6 |
| 7DP4 | 6.3 | 10 | 9UP4 | 12.6 | 7 | 10ARP4 | 6.3 | 7 | 11KP4 * | 6.3 | 6 | 12BZP4 | 12.0 | 7 |
| 7HP4 | 6.3 | 10 | 9VAB4 | 6.3 | 7 | 10ASP4 | 6.3 | 7 | 11LP4 | 6.3 | 6 | 12CAP4 * | 6.3 | 6 |
| 7M151P-M | 12.0 | 7 | 9VABP4 | 6.3 | 7 | 10ATP4 | 6.3 | 7 | 11MP4 | 6.3 | 6 | 12CBP4 * | 6.3 | 11 |
| 7QP4 | 6.3 | 10 | 9VADP4 | 12.0 | 7 | 10AUP4 | 6.3 | 10 | 11NP4 | 11.0 | 7 | 12CDP4 | 6.3 | 7 |
| 7RP4 | 6.3 | 10 | 9VAEP4 | 6.3 | 7 | 10AVP4 * | 12.0 | 7 | 11QP4 | 12.6 | 7 | 12CEP4 | 12.6 | 7 |
| 7TP4 | 6.3 | 10 | 9VAGP4 * | 12.0 | 7 | 10BP4 | 6.3 | 10 | 11RP4 | 6.3 | 7 | 12CFP4 | 4.2 | 7 |
| | | | 9VAHP4 | 12.0 | 7 | 10CP4 | 6.3 | 10 | 11TP4 | 6.3 | 6 | 12CGP4 | 6.3 | 6 |
| 8AP4 | 6.3 | 10 | 9VAJP4 * | 11.0 | 7 | 10DP4 | 6.3 | 10 | 11UP4 | 6.3 | 7 | 12CHP4 | 6.3 | 7 |
| 8DP4 | 6.3 | 10 | 9VAKP4 | 11.0 | 7 | 10EP4 | 6.3 | 10 | | | | 12CKP4 | 6.3 | 7 |
| 8HP4 | 6.3 | 10 | 9VALP4 | 11.0 | 7 | 10FDP4 | 6.3 | 10 | 12ALP4 | 6.3 | 10 | 12CLP4 | 12.6 | 7 |
| 8JP4 | 6.3 | 6 | 9VAMP4 | 11.0 | 7 | 10FP4 | 6.3 | 10 | 12AWP4 | 6.3 | 7 | 12CMP4 * | 12.6 | 7 |
| 8KP4 | 6.3 | 10 | 9VANP4 | 11.0 | 7 | 10MP4 | 6.3 | 10 | 12AYP4 | 6.3 | 6 | 12CNP4 | 4.2 | 7 |
| 8LP4 | 6.3 | 11 | 9VAQP4 * | 11.0 | 7 | 10RP4 | 6.3 | 10 | 12AZP4 | 6.3 | 6 | 12CQP4 * | 6.3 | 6 |

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MONOCHROME CRT'S

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12CRP4-16ATP4

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
|-------------|--------|----|-----------|--------|----|-------------|--------|----|-----------|--------|----|-----------|--------|----|
| 12CRP4 | 12.6 | 7 | 12VAEP4 * | 6.3 | 7 | 12VCEP4 | 11.0 | 7 | 13VARP4 | 12.0 | 7 | 14UP4 | 6.3 | 10 |
| 12CSP4 | 12.6 | 7 | 12VAFP4 | 6.3 | 7 | 12VCFP4 | 11.0 | 7 | 13VASP4 | 11.0 | 7 | 14VARP4 | 11.0 | 6 |
| 12CTP4 | 6.3 | 7 | 12VAGP4 | 6.3 | 7 | 12VCGP4 * | 11.0 | 7 | 13VAZP4 | 11.0 | 7 | 14WVP4 | 6.3 | 10 |
| 12CUP4 * | 4.2 | 6 | 12VAMP4 | 6.3 | 7 | 12VCJP4 | 11.0 | 7 | 13VBCP4 | 12.0 | 7 | 14XP4 | 6.3 | 10 |
| 12CVP4 | 12.0 | 7 | 12VANP4 | 6.3 | 7 | 12VCKP4 | 11.0 | 7 | 13VBDP4 | 12.0 | 7 | 14ZP4 | 6.3 | 10 |
| 12CWP4 | 6.3 | 7 | 12VAQP4 | 6.3 | 7 | 12VCLP4 | 11.0 | 7 | 13VBKP4 | 11.0 | 7 | | | |
| 12CXP4 | 12.6 | 7 | 12VAUP4 | 6.3 | 7 | 12VCQP4 | 6.3 | 7 | | | | 15ADP4 * | 6.3 | 6 |
| 12CYP4 | 6.3 | 7 | 12VAWP4 | 6.3 | 7 | 12VCRP4 | 11.0 | 7 | 14ACP4 | 6.3 | 10 | 15AP4 | 6.3 | 10 |
| 12CZP4 | 12.6 | 7 | 12VAXP4 | 11.0 | 7 | 12VCSF4 | 11.0 | 7 | 14AEP4 | 6.3 | 10 | 15CP4 | 6.3 | 10 |
| 12DEP4 | 6.3 | 7 | 12VAZP4 * | 6.3 | 7 | 12VCTP4 | 7.0 | 7 | 14AJP4 | 6.3 | 6 | 15DP4 | 6.3 | 10 |
| 12DFP4 | 6.3 | 7 | 12VBAP4 | 6.3 | 7 | 12VCUP4 | 11.0 | 7 | 14AP4 | 2.7 | 10 | 15EP4 | 6.3 | 10 |
| 12DGP4 * | 6.3 | 7 | 12VBCP4 | 6.3 | 7 | 12VCVP4 | 11.0 | 7 | 14ARP4 * | 6.3 | 10 | 15JP4 * | 6.3 | 6 |
| 12DHP4 * | 6.3 | 6 | 12VBDP4 | 11.0 | 7 | 12VCWP4 | 12.0 | 7 | 14ASP4 | 6.3 | 6 | 15M24P-M | 6.3 | 10 |
| 12DKP4 | 6.3 | 7 | 12VBEP4 | 6.3 | 7 | 12VCXP4 | 11.0 | 7 | 14ATP4 | 8.4 | 10 | 15VABP4 | 6.3 | 6 |
| 12DLP4 | 6.3 | 7 | 12VBFP4 | 12.0 | 7 | 12VCYP4 | 11.0 | 7 | 14AUP4 * | 6.3 | 10 | 15VACP4 * | 6.3 | 6 |
| 12DMP4 | 6.3 | 6 | 12VBGP4 | 12.0 | 7 | 12XP4 | 6.3 | 10 | 14AVP4 | 6.3 | 6 | 15VAJP4 | 6.3 | 7 |
| 12DNP4 * | 12.6 | 7 | 12VBHP4 | 11.0 | 7 | 12YP4 | 6.3 | 10 | 14AWP4 * | 6.3 | 10 | 15VANP4 | 11.0 | 7 |
| 12DQP4 * | 6.3 | 6 | 12VBJP4 | 11.0 | 7 | 12ZP4 | 6.3 | 10 | 14AZP4 | 6.3 | 10 | 15VASP4 | 6.3 | 7 |
| 12DRP4 | 6.3 | 7 | 12VBLP4 | 12.0 | 7 | 12ZDY31N ** | 6.3 | 7 | 14BAP4 | 6.3 | 10 | 15VAUP4 | 6.3 | 7 |
| 12DSP4 | 6.3 | 7 | 12VBMP4 | 12.0 | 7 | | | | 14BBY4 ** | 11.8 | 7 | 15VAXP4 | 11.0 | 7 |
| 12DUP4 | 6.3 | 6 | 12VBNP4 * | 11.0 | 7 | 13AP4 * | 6.3 | 6 | 14BDP4 | 6.3 | 10 | | | |
| 12EE1050 | 12.6 | 7 | 12VBQP4 | 11.0 | 7 | 13BP4 * | 6.3 | 6 | 14BP4 | 6.3 | 10 | 16ABP4 | 6.3 | 10 |
| 12JP4 | 6.3 | 6 | 12VBRP4 | 11.0 | 7 | 13CP4 * | 6.3 | 6 | 14CP4 | 6.3 | 10 | 16ACP4 | 6.3 | 10 |
| 12KP4 | 6.3 | 10 | 12VBSF4 | 11.0 | 7 | 13DP4 * | 6.3 | 6 | 14DP4 | 6.3 | 10 | 16AEP4 | 6.3 | 10 |
| 12LBX31N ** | 6.3 | 6 | 12VBTP4 | 11.0 | 7 | 13EP4 * | 6.3 | 6 | 14EP4 | 6.3 | 10 | 16AFP4 | 6.3 | 10 |
| 12LP4 | 6.3 | 10 | 12VBUP4 * | 11.0 | 7 | 13FP4 * | 6.3 | 6 | 14FP4 | 6.3 | 10 | 16AGP4 | 6.3 | 10 |
| 12LP4C | 6.3 | 10 | 12VBWP4 | 12.0 | 7 | 13HP4 * | 6.3 | 6 | 14GP4 | 6.3 | 10 | 16AKP7 | 6.3 | 10 |
| 12M149P-M | 12.6 | 7 | 12VBXP4 | 6.3 | 7 | 13KP4 * | 6.3 | 6 | 14HP4 | 6.3 | 10 | 16ALP7 | 6.3 | 10 |
| 12QP4 | 6.3 | 10 | 12VBYP4 * | 11.0 | 7 | 13VABP4 | 12.0 | 7 | 14KP4 | 6.3 | 10 | 16ANP4 | 6.3 | 6 |
| 12RP4 | 6.3 | 10 | 12VBZP4 | 6.3 | 7 | 13VADP4 | 6.3 | 7 | 14NP4 | 6.3 | 10 | 16AP4 | 6.3 | 10 |
| 12TP4 | 6.3 | 10 | 12VCAP4 | 11.0 | 7 | 13VAJP4 | 11.0 | 7 | 14QP4 | 6.3 | 10 | 16AQP4 | 6.3 | 6 |
| 12UP4 | 6.3 | 10 | 12VCBP4 | 11.0 | 7 | 13VANP4 | 11.0 | 7 | 14RP4 | 6.3 | 10 | 16ASP4 | 6.3 | 6 |
| 12VABP4 * | 6.3 | 6 | 12VCDP4 | 11.0 | 7 | 13VAQP4 | 12.0 | 7 | 14SP4 | 6.3 | 10 | 16ATP4 * | 6.3 | 6 |

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
|----------|--------|----|-----------|--------|----|-----------|--------|----|------------|--------|----|----------|--------|----|
| 16AUP4 | 6.3 | 6 | 16CJP4 | 6.3 | 6 | 16VAJP4 | 6.3 | 6 | 16VCRP4 | 6.3 | 6 | 17BRP4 | 6.3 | 6 |
| 16AVP4 * | 6.3 | 11 | 16CKP4 | 6.3 | 6 | 16VALP4 * | 6.3 | 6 | 16VCSF4 | 6.3 | 6 | 17BSP4 | 6.3 | 10 |
| 16AWP4 | 6.3 | 6 | 16CLP4 | 6.3 | 6 | 16VAQP4 * | 6.3 | 6 | 16VCTP4 | 11.0 | 6 | 17BTP4 | 6.3 | 10 |
| 16AXP4 | 6.3 | 6 | 16CMP4 | 6.3 | 6 | 16VARP4 * | 6.3 | 6 | 16VCWP4 | 6.3 | 6 | 17BUP4 | 6.3 | 10 |
| 16AYP4 | 6.3 | 6 | 16CNP4 | 12.0 | 7 | 16VAYP4 | 6.3 | 6 | 16VCXP4 | 11.0 | 6 | 17BVP4 | 6.3 | 11 |
| 16AZP4 | 6.3 | 6 | 16CP4 | 6.3 | 10 | 16VAZP4 * | 6.3 | 6 | 16VCYP4 | 6.3 | 6 | 17BWP4 | 6.3 | 11 |
| 16BAP4 * | 6.3 | 6 | 16CQP4 | 6.3 | 7 | 16VBAP4 * | 6.3 | 6 | 16VCZP4 | 6.3 | 6 | 17BYP4 | 6.3 | 11 |
| 16BCP4 * | 6.3 | 11 | 16CRP4 | 6.3 | 6 | 16VBCP4 | 6.3 | 6 | 16VDAP4 | 11.0 | 7 | 17BZP4 | 6.3 | 6 |
| 16BDP4 | 6.3 | 6 | 16CTP4 | 6.3 | 6 | 16VBJP4 | 6.3 | 7 | 16VDCP4 | 6.3 | 6 | 17CAP4 | 6.3 | 6 |
| 16BEP4 * | 6.3 | 6 | 16CUP4 | 6.3 | 6 | 16VBKP4 | 6.3 | 7 | 16VDEP4 | 11.0 | 6 | 17CBP4 | 6.3 | 10 |
| 16BFP4 | 6.3 | 6 | 16CVP4 * | 4.2 | 6 | 16VBLP4 | 6.3 | 6 | 16VDGP4 | 6.3 | 6 | 17CDP4 | 8.4 | 6 |
| 16BGP4 | 6.3 | 6 | 16CWP4 | 6.3 | 7 | 16VBNP4 | 6.3 | 6 | 16VDHP4 | 12.0 | 7 | 17CEP4 | 6.3 | 10 |
| 16BHP4 | 6.3 | 6 | 16CXP4 | 12.0 | 7 | 16VBQP4 | 6.3 | 6 | 16VDJP4 | 11.0 | 7 | 17CFP4 | 6.3 | 10 |
| 16BJP4 | 6.3 | 6 | 16DCP4 | 6.3 | 7 | 16VBRP4 | 6.3 | 6 | 16VDKP4 | 11.0 | 7 | 17CGP4 | 6.3 | 10 |
| 16BKP4 * | 6.3 | 6 | 16DEP4 | 6.3 | 7 | 16VBT4 | 6.3 | 6 | 16VFYP4 ** | 4.2 | 6 | 17CKP4 | 6.3 | 6 |
| 16BLP4 * | 6.3 | 6 | 16DP4 | 6.3 | 10 | 16VBP4 | 6.3 | 6 | 16VFZP4 | 6.3 | 6 | 17CLP4 | 6.3 | 10 |
| 16BMP4 | 6.3 | 6 | 16DQP4 * | 6.3 | 6 | 16VBWP4 | 11.0 | 6 | 16VGAP4 ** | 6.3 | 6 | 17CMP4 * | 6.3 | 10 |
| 16BNP4 * | 6.3 | 6 | 16EP4 | 6.3 | 10 | 16VBXP4 | 11.0 | 6 | 16VP4 | 6.3 | 10 | 17CNP4 * | 6.3 | 10 |
| 16BQP4 | 6.3 | 6 | 16FP4 | 6.3 | 10 | 16VBYP4 | 11.0 | 6 | 16WP4 | 6.3 | 10 | 17CP4 | 6.3 | 10 |
| 16BRP4 | 6.3 | 6 | 16GP4 | 6.3 | 10 | 16VBZP4 | 6.3 | 6 | 16XP4 | 6.3 | 10 | 17CRP4 * | 6.3 | 10 |
| 16BSP4 * | 6.3 | 6 | 16GWP4 | 6.3 | 7 | 16VCAP4 | 11.0 | 7 | 16YP4 | 6.3 | 10 | 17CSP4 | 6.3 | 11 |
| 16BTP4 * | 6.3 | 6 | 16HP4 | 6.3 | 10 | 16VCBP4 | 11.0 | 7 | 16ZP4 | 6.3 | 10 | 17CTP4 | 6.3 | 6 |
| 16BUP4 | 6.3 | 6 | 16JP4 | 6.3 | 10 | 16VCDP4 | 11.0 | 6 | | | | 17CUP4 | 6.3 | 10 |
| 16BVP4 | 6.3 | 6 | 16KP4 | 6.3 | 10 | 16VCEP4 | 6.3 | 6 | 17-269P4 | 6.3 | 10 | 17CVP4 | 6.3 | 6 |
| 16BWP4 | 6.3 | 6 | 16LP4 | 6.3 | 10 | 16VCFP4 | 6.3 | 6 | 17AP4 | 6.3 | 10 | 17CWP4 | 6.3 | 6 |
| 16BXP4 * | 6.3 | 11 | 16MP4 | 6.3 | 10 | 16VCGP4 * | 6.3 | 6 | 17ASP4 | 6.3 | 10 | 17XCP4 * | 6.3 | 10 |
| 16BYP4 | 6.3 | 6 | 16QP4 | 6.3 | 10 | 16VCHP4 * | 4.2 | 6 | 17ATP4 | 6.3 | 10 | 17CYP4 | 6.3 | 10 |
| 16BZP4 | 6.3 | 6 | 16RP4 | 6.3 | 10 | 16VCJP4 | 6.3 | 6 | 17AVP4 | 6.3 | 10 | 17CZP4 | 6.3 | 10 |
| 16CAP4 | 6.3 | 6 | 16SP4 | 6.3 | 10 | 16VCKP4 | 6.3 | 6 | 17BJP4 | 6.3 | 10 | 17DAP4 | 2.68 | 9 |
| 16CEP4 | 6.3 | 6 | 16TP4 | 6.3 | 10 | 16VCLP4 | 6.3 | 6 | 17BKP4 | 6.3 | 10 | 17DBP4 | 6.3 | 10 |
| 16CFP4 | 6.3 | 7 | 16UP4 | 6.3 | 10 | 16VCLP4 | 6.3 | 6 | 17BMP4 | 6.3 | 10 | 17DCP4 | 6.3 | 10 |
| 16CGP4 * | 6.3 | 6 | 16VABP4 * | 6.3 | 6 | 16VCM4 | 6.3 | 6 | 17BNP4 | 6.3 | 10 | 17DEP4 | 2.4 | 9 |
| 16CHP4 * | 6.3 | 6 | 16VAGP4 * | 6.3 | 6 | 16VCNP4 * | 6.3 | 6 | 17BP4 | 6.3 | 10 | 17DHP4 | 6.3 | 6 |

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16AUP4-17DHP4

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See Notes Inside Cover

17DJP4-19FQP4

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
|-----------|--------|----|-----------|--------|--------|----------|--------|----------|----------|--------|----------|----------|--------|----|
| 17DJP4 | 6.3 | 10 | 17M152-M | 6.3 | 35 | 19AUP4 | 6.3 | 6 | 19CLP4 * | 6.3 | 10 | 19EBP4 | 6.3 | 6 |
| 17DKP4 | 6.3 | 6 | 17QCP4 | 6.3 | 10 | 19AVP4 | 6.3 | 6 | 19CMP4 * | 6.3 | 6 | 19ECP4 | 6.3 | 6 |
| 17DLP4 | 6.3 | 6 | 17QP4 | 6.3 | 10 | 19AWP4 | 6.3 | 6 | 19CQP4 * | 6.3 | 11 | 19EDP4 | 6.3 | 6 |
| 17DMP4 | 6.3 | 6 | 17RP4 | 6.3 | 10 | 19AXP4 | 6.3 | 6 | 19CRP4 * | 6.3 | 10 | 19EFP4 * | 6.3 | 6 |
| 17DNP4 ** | 6.3 | 6 | 17SP4 | 6.3 | 10 | 19AYP4 | 6.3 | 6 | 19CSP4 * | 6.3 | 6 | 19EGP4 * | 6.3 | 6 |
| 17DQP4 * | 6.3 | 11 | 17TP4 | 6.3 | 10 | 19AZP4 | 6.3 | 6 | 19CTP4 | 6.3 | 6 | 19EHP4 | 6.3 | 6 |
| 17DRP4 | 2.68 | 9 | 17UP4 | 6.3 | 10 | 19BAP4 | 6.3 | 6 | 19CUP4 * | 6.3 | 6 | 19EJP4 * | 6.3 | 6 |
| 17DSP4 | 6.3 | 6 | 17VP4 | 6.3 | 10 | 19BCP4 | 6.3 | 6 | 19CVP4 * | 6.3 | 6 | 19EKP4 * | 6.3 | 11 |
| 17DTP4 | 6.3 | 6 | 17YP4 | 6.3 | 10 | 19BDP4 * | 6.3 | 10 | 19CWP4 | 6.3 | 6 | 19ELP4 | 6.3 | 6 |
| 17DVP4 | 2.4 | 9 | | | 19BEP4 | 6.3 | 6 | 19CXP4 * | 6.3 | 11 | 19EMP4 | 6.3 | 6 | |
| 17DWP4 | 6.3 | 10 | 18VAP4 | 6.3 | 6 | 19BFP4 | 6.3 | 10 | 19CYP4 | 6.3 | 6 | 19ENP4 * | 6.3 | 6 |
| 17DXP4 | 6.3 | 6 | 18VAUP4 * | 6.3 | 6 | 19BGP4 | 6.3 | 10 | 19CZP4 | 6.3 | 6 | 19EP4 | 6.3 | 10 |
| 17DYP4 ** | 6.3 | 6 | 18VAYP4 | 6.3 | 6 | 19BHP4 | 6.3 | 6 | 19DAP4 | 6.3 | 6 | 19EQP4 | 6.3 | 6 |
| 17DZP4 | 6.3 | 6 | 18VBLP4 * | 6.3 | 6 | 19BJP4 | 6.3 | 6 | 19DBP4 * | 6.3 | 11 | 19ERP4 | 6.3 | 6 |
| 17EAP4 | 6.3 | 10 | 18VBQP4 | 6.3 | 6 | 19BLP4 | 6.3 | 6 | 19DCP4 | 6.3 | 6 | 19ESP4 * | 6.3 | 6 |
| 17EBP4 | 6.3 | 6 | | | 19BMP4 | 6.3 | 6 | 19DEP4 | 6.3 | 6 | 19ETP4 * | 6.3 | 6 | |
| 17EFP4 | 6.3 | 6 | 19ABP4 | 2.68 | 9 | 19BNP4 * | 6.3 | 6 | 19DFP4 * | 6.3 | 6 | 19EUP4 | 6.3 | 6 |
| 17EGP4 ** | 6.3 | 6 | 19ACP4 * | 6.3 | 6 | 19BQP4 * | 6.3 | 6 | 19DHP4 * | 6.3 | 6 | 19EVP4 | 6.3 | 6 |
| 17EHP4 * | 6.3 | 6 | 19ADP4 | 6.3 | 6 | 19BRP4 | 6.3 | 6 | 19DJP4 | 6.3 | 6 | 19EWP4 | 6.3 | 6 |
| 17EKP4 | 6.3 | 10 | 19AEP4 | 12.6 | 6 | 19BSP4 | 6.3 | 6 | 19DKP4 * | 6.3 | 6 | 19EZP4 * | 6.3 | 11 |
| 17ELP4 * | 6.3 | 6 | 19AFP4 | 6.3 | 6 | 19BTP4 | 6.3 | 6 | 19DLP4 * | 6.3 | 6 | 19FAP4 | 6.3 | 6 |
| 17EMP4 * | 6.3 | 6 | 19AGP4 | 6.3 | 6 | 19BUP4 | 2.2 | 6 | 19DNP4 | 6.3 | 6 | 19FBP4 * | 6.3 | 6 |
| 17EQP4 * | 6.3 | 6 | 19AHP4 | 6.3 | 6 | 19BVP4 | 6.3 | 6 | 19DP4 | 6.3 | 10 | 19FCP4 * | 6.3 | 6 |
| 17ESP4 | 6.3 | 6 | 19AJP4 * | 6.3 | 11 | 19BWP4 | 6.3 | 6 | 19DQP4 | 6.3 | 6 | 19FDP4 | 6.3 | 6 |
| 17EWP4 * | 6.3 | 6 | 19AKP4 | 6.3 | 6 | 19BXP4 | 6.3 | 6 | 19DRP4 | 6.3 | 6 | 19FEP4 * | 6.3 | 6 |
| 17FCP4 | 6.3 | 6 | 19ALP4 | 6.3 | 6 | 19CAP4 | 6.3 | 6 | 19DSP4 * | 6.3 | 6 | 19FGP4 | 6.3 | 6 |
| 17FDP4 * | 6.3 | 6 | 19AMP4 | 6.3 | 6 | 19CDP4 * | 6.3 | 11 | 19DTP4 | 6.3 | 6 | 19FHP4 | 6.3 | 6 |
| 17FP4 | 6.3 | 10 | 19ANP4 | 6.3 | 6 | 19CEP4 | 6.3 | 6 | 19DUP4 * | 6.3 | 6 | 19FJP4 | 6.3 | 6 |
| 17GP4 | 6.3 | 10 | 19AP4 | 6.3 | 10 | 19CFP4 * | 6.3 | 6 | 19DVP4 | 6.3 | 6 | 19FKP4 | 6.3 | 6 |
| 17HP4 | 6.3 | 10 | 19AQP4 | 6.3 | 6 | 19CGP4 | 6.3 | 10 | 19DWP4 | 6.3 | 6 | 19FLP4 | 6.3 | 6 |
| 17JP4 | 6.3 | 10 | 19ARP4 | 6.3 | 6 | 19CHP4 * | 6.3 | 6 | 19DYP4 * | 6.3 | 6 | 19FNP4 | 6.3 | 6 |
| 17KP4 | 6.3 | 10 | 19ASP4 | 6.3 | 6 | 19CJP4 | 6.3 | 6 | 19DZP4 | 6.3 | 6 | 19FP4 | 6.3 | 10 |
| 17LP4 | 6.3 | 10 | 19ATP4 | 6.3 | 6 | 19CKP4 * | 6.3 | 3 | 19EAP4 * | 6.3 | 6 | 19FQP4 * | 6.3 | 6 |

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
|-----------|--------|----|------------|--------|----|------------|--------|----|-----------|--------|----|----------|--------|----|
| 19FRP4 | 6.3 | 6 | 19VARP4 | 6.3 | 6 | 19VFZP4 * | 6.3 | 6 | 20AJP4 * | 6.3 | 6 | 21ARP4 | 6.3 | 10 |
| 19FSP4 * | 6.3 | 6 | 19VASP4 * | 6.3 | 6 | 19VGAP4 * | 6.3 | 6 | 20AKP4 | 6.3 | 6 | 21ASP4 | 6.3 | 10 |
| 19FTP4 | 6.3 | 6 | 19VBHP4 | 6.3 | 6 | 19VGCP4 * | 6.3 | 6 | 20BP4 | 6.3 | 10 | 21ATP4 | 6.3 | 10 |
| 19FUP4 * | 6.3 | 6 | 19VBKP4 * | 6.3 | 6 | 19VGDP4 * | 6.3 | 6 | 20CP4 | 6.3 | 10 | 21AUP4 | 6.3 | 10 |
| 19FVP4 * | 6.3 | 6 | 19VBNP4 | 6.3 | 6 | 19VGEP4 | 6.3 | 6 | 20DP4 | 6.3 | 10 | 21AVP4 | 6.3 | 10 |
| 19FWP4 | 4.2 | 6 | 19VBXP4 * | 6.3 | 6 | 19VGFP4 * | 6.3 | 6 | 20ETP4 | 6.3 | 10 | 21AWP4 | 6.3 | 10 |
| 19FYP4 | 6.3 | 6 | 19VBYP4 | 6.3 | 6 | 19VGHP4 ** | 6.3 | 6 | 20FP4 | 6.3 | 10 | 21AYP4 | 6.3 | 10 |
| 19FZP4 | 6.3 | 6 | 19VBZP4 | 6.3 | 6 | 19VGJP4 | 6.3 | 6 | 20GP4 | 6.3 | 10 | 21BAP4 | 6.3 | 10 |
| 19GAP4 | 6.3 | 6 | 19VCGP4 * | 6.3 | 6 | 19VGSP4 | 6.3 | 6 | 20HP4 | 6.3 | 10 | 21BCP4 | 6.3 | 10 |
| 19GBP4 | 6.3 | 6 | 19VCHP4 | 6.3 | 6 | 19VGUP4 | 11.0 | 6 | 20JP4 | 6.3 | 10 | 21BDP4 | 6.3 | 10 |
| 19GCP4 * | 6.3 | 6 | 19VCJP4 * | 6.3 | 6 | 19VGXP4 | 6.3 | 6 | 20LP4 | 6.3 | 10 | 21BNP4 | 6.3 | 10 |
| 19GEP4 | 6.3 | 6 | 19VCKP4 | 6.3 | 6 | 19VGYP4 | 6.3 | 6 | 20MP4 | 6.3 | 10 | 21BSP4 | 6.3 | 10 |
| 19GFP4 | 6.3 | 6 | 19VCLP4 * | 6.3 | 6 | 19VHAP4 | 6.3 | 6 | 20NP4 | 6.3 | 10 | 21BTP4 | 6.3 | 10 |
| 19GHP4 * | 6.3 | 6 | 19VCMPP4 * | 6.3 | 6 | 19VHEP4 | 6.3 | 6 | 20RP4 * | 6.3 | 6 | 21CBP4 | 6.3 | 10 |
| 19GJP4 | 6.3 | 6 | 19VCUP4 | 6.3 | 6 | 19VHGP4 | 6.3 | 6 | 20SP4 * | 6.3 | 6 | 21CDP4 | 6.3 | 10 |
| 19GKP4 | 6.3 | 6 | 19VCZP4 | 6.3 | 6 | 19VHLP4 | 6.3 | 6 | 20TP4 | 6.3 | 6 | 21CEP4 | 6.3 | 6 |
| 19GMP4 * | 6.3 | 6 | 19VDAP4 | 4.2 | 6 | 19VHUP4 | 6.3 | 6 | 20UP4 | 6.3 | 6 | 21CGP4 | 6.3 | 10 |
| 19GNP4 | 6.3 | 6 | 19VDEP4 | 6.3 | 6 | 19VJAP4 | 11.0 | 6 | 20VAQP4 * | 6.3 | 6 | 21CHP4 | 6.3 | 10 |
| 19GP4 | 6.3 | 10 | 19VDGP4 * | 6.3 | 6 | 19VJGP4 | 6.3 | 6 | 20VATP4 | 6.3 | 6 | 21CKP4 | 6.3 | 10 |
| 19GQP4 * | 6.3 | 6 | 19VDHP4 | 6.3 | 6 | 19VKAP4 | 11.0 | 6 | 20VP4 | 6.3 | 6 | 21CLP4 | 6.3 | 10 |
| 19GRP4 | 6.3 | 6 | 19VDJP4 | 6.3 | 6 | 19VKCP4 | 6.3 | 6 | 20WP4 | 6.3 | 6 | 21CMP4 | 6.3 | 10 |
| 19GTP4 * | 6.3 | 6 | 19VEMP4 | 6.3 | 6 | 19XBP4 | 6.3 | 6 | 20XP4 | 6.3 | 6 | 21CQP4 | 6.3 | 11 |
| 19GUP4 * | 6.3 | 6 | 19VENP4 | 6.3 | 6 | 19XP4 | 6.3 | 6 | 20YP4 * | 6.3 | 6 | 21CSP4 | 6.3 | 11 |
| 19HAP4 * | 6.3 | 6 | 19VERP4 | 6.3 | 6 | 19YP4 | 6.3 | 6 | 20ZP4 * | 6.3 | 6 | 21CUP4 | 6.3 | 10 |
| 19HGP4 | 6.3 | 6 | 19VFDP4 | 11.0 | 6 | 19ZP4 | 6.3 | 6 | | | | 21CVP4 | 6.3 | 10 |
| 19JAP4 | 6.3 | 10 | 19VFEF4 | 11.0 | 6 | | | | 21ACP4 | 6.3 | 10 | 21CWP4 | 6.3 | 10 |
| 19QP4 | 6.3 | 10 | 19VFGP4 | 11.0 | 6 | 20ABP4 * | 6.3 | 6 | 21AFP4 | 6.3 | 10 | 21CXP4 * | 6.3 | 10 |
| 19UP4 | 6.3 | 6 | 19VFHP4 | 6.3 | 6 | 20ACP4 | 6.3 | 6 | 21ALP4 | 6.3 | 10 | 21CZP4 | 6.3 | 6 |
| 19VAEP4 | 6.3 | 6 | 19VFNPP4 | 6.3 | 6 | 20ADP4 * | 6.3 | 6 | 21AMP4 | 6.3 | 10 | 21DAP4 | 6.3 | 6 |
| 19VAHP4 * | 6.3 | 6 | 19VFTP4 | 11.0 | 6 | 20AEP4 * | 6.3 | 6 | 21AMP23 | 6.3 | 10 | 21DEP4 | 6.3 | 6 |
| 19VAJP4 * | 9.45 | 6 | 19VFUP4 | 6.3 | 6 | 20AFP4 * | 6.3 | 6 | 21ANP4 | 6.3 | 10 | 21DFP4 | 6.3 | 6 |
| 19VALP4 | 6.3 | 6 | 19VFWP4 | 6.3 | 6 | 20AGP4 * | 6.3 | 6 | 21AP4 | 6.3 | 10 | 21DHP4 | 6.3 | 6 |
| 19VAQP4 | 6.3 | 6 | 19VFYP4 * | 4.2 | 6 | 20AHP4 | 6.3 | 6 | 21AQP4 | 6.3 | 10 | 21DJP4 | 6.3 | 10 |

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19FRP4-21DJP4

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See Notes Inside Cover

21DKP4-23DSP4

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
|----------|--------|----|-----------|--------|----|-----------|--------|----|----------|--------|----|----------|--------|----|
| 21DKP4 | 6.3 | 6 | 21FVP4 | 6.3 | 6 | 22TP4 | 6.3 | 6 | 23ALP4 | 6.3 | 6 | 23BYP4 | 6.3 | 6 |
| 21DLP4 | 6.3 | 10 | 21FWP4 | 6.3 | 6 | 22VABP4 * | 6.3 | 6 | 23AMP4 | 6.3 | 6 | 23BZP4 | 8.4 | 10 |
| 21DMP4 | 6.3 | 6 | 21FXP4 | 6.3 | 6 | 22VACP4 * | 6.3 | 6 | 23ANP4 * | 6.3 | 10 | 23CAP4 | 8.4 | 10 |
| 21DNP4 | 6.3 | 10 | 21FYP4 * | 6.3 | 6 | 22VADP4 | 6.3 | 10 | 23AQP4 | 6.3 | 6 | 23CBP4 | 6.3 | 6 |
| 21DP4 | 6.3 | 10 | 21FZP4 | 6.3 | 6 | 22VAEP4 | 6.3 | 6 | 23ARP4 | 6.3 | 6 | 23CDP4 | 6.3 | 10 |
| 21DQP4 | 6.3 | 10 | 21GAP4 * | 6.3 | 6 | 22VAFP4 | 6.3 | 6 | 23ASP4 | 6.3 | 10 | 23CEP4 | 6.3 | 6 |
| 21DRP4 | 6.3 | 10 | 21GBP4 | 6.3 | 6 | 22VAGP4 | 6.3 | 6 | 23ATP4 * | 6.3 | 10 | 23CGP4 | 6.3 | 10 |
| 21DSP4 * | 6.3 | 10 | 21GCP4 | 6.3 | 6 | 22VAHP4 * | 6.3 | 6 | 23AUP4 | 6.3 | 10 | 23CMP4 | 6.3 | 6 |
| 21DVP4 | 6.3 | 10 | 21GEP4 * | 6.3 | 6 | 22VAKP4 * | 6.3 | 6 | 23AVP4 | 6.3 | 6 | 23CP4 | 6.3 | 6 |
| 21DWP4 | 6.3 | 6 | 21GHP4 * | 6.3 | 6 | 22VAMP4 | 6.3 | 6 | 23AWP4 * | 6.3 | 10 | 23CQP4 | 6.3 | 6 |
| 21EAP4 | 2.4 | 9 | 21GJP4 | 6.3 | 6 | 22VANP4 | 6.3 | 6 | 23AXP4 | 6.3 | 6 | 23CRP4 | 6.3 | 6 |
| 21EDP4 | 6.3 | 6 | 21GKP4 * | 6.3 | 6 | 22VARP4 * | 6.3 | 6 | 23AYP4 | 6.3 | 6 | 23CSP4 | 6.3 | 6 |
| 21ELP4 | 6.3 | 10 | 21GMP4 * | 6.3 | 6 | 22VASP4 * | 6.3 | 6 | 23AZP4 | 6.3 | 10 | 23CTP4 | 6.3 | 10 |
| 21EMP4 | 6.3 | 6 | 21GSP4 * | 6.3 | 6 | 22VATP4 | 6.3 | 6 | 23BAP4 | 6.3 | 6 | 23CUP4 | 6.3 | 6 |
| 21ENP4 | 6.3 | 10 | 21GTP4 * | 6.3 | 6 | 22VAUP4 * | 6.3 | 6 | 23BCP4 | 6.3 | 6 | 23CVP4 | 6.3 | 6 |
| 21EP4 | 6.3 | 10 | 21JP4 | 6.3 | 10 | 22VAWP4 | 6.3 | 6 | 23BDP4 | 6.3 | 10 | 23CWP4 | 6.3 | 6 |
| 21EQP4 | 6.3 | 6 | 21KP4 | 6.3 | 10 | 22VAXP4 | 6.3 | 6 | 23BEP4 | 6.3 | 6 | 23CXP4 | 6.3 | 6 |
| 21ERP4 | 6.3 | 6 | 21M131P-M | 6.3 | 10 | 22VAYP4 | 6.3 | 6 | 23BFP4 | 6.3 | 6 | 23CZP4 | 6.3 | 10 |
| 21ESP4 | 6.3 | 6 | 21M133P-M | 6.3 | 35 | 22VAZP4 | 6.3 | 6 | 23BGP4 * | 6.3 | 6 | 23DAP4 * | 6.3 | 6 |
| 21ETP4 | 6.3 | 6 | 21M176P-M | 6.3 | 35 | 22VBAP4 | 6.3 | 6 | 23BHP4 * | 6.3 | 6 | 23DBP4 * | 6.3 | 6 |
| 21EUP4 | 6.3 | 6 | 21MP4 | 6.3 | 10 | 22VBCP4 | 11.0 | 6 | 23BJP4 * | 6.3 | 10 | 23DCP4 * | 6.3 | 6 |
| 21EVP4 | 2.68 | 9 | 21VAGP4 | 6.3 | 6 | 22VBDP4 | 6.3 | 6 | 23BKP4 * | 6.3 | 10 | 23DEP4 | 6.3 | 6 |
| 21EWP4 | 6.3 | 10 | 21VASP4 | 6.3 | 6 | 22VBEP4 | 6.3 | 6 | 23BLP4 * | 6.3 | 10 | 23DFP4 | 6.3 | 6 |
| 21EXP4 | 6.3 | 6 | 21VATP4 | 6.3 | 6 | 22ZP4 | 6.3 | 6 | 23BMP4 | 6.3 | 10 | 23DGP4 | 6.3 | 6 |
| 21EYP4 | 6.3 | 10 | 21WP4 | 6.3 | 10 | | | | 23BNP4 | 6.3 | 6 | 23DHP4 | 6.3 | 6 |
| 21EZP4 | 6.3 | 6 | 21XP4 | 6.3 | 10 | 23ABP4 | 6.3 | 6 | 23BP4 | 6.3 | 6 | 23DJP4 | 6.3 | 6 |
| 21FAP4 | 6.3 | 6 | 21YP4 | 6.3 | 10 | 23ACP4 | 6.3 | 10 | 23BP4 | 6.3 | 6 | 23DKP4 | 6.3 | 10 |
| 21FCP4 | 6.3 | 6 | 21ZP4 | 6.3 | 10 | 23ADP4 | 6.3 | 6 | 23BRP4 | 6.3 | 6 | 23DLP4 * | 6.3 | 10 |
| 21FDP4 | 6.3 | 9 | | | | 23AEP4 | 6.3 | 6 | 23BSP4 | 6.3 | 6 | 23DNP4 * | 6.3 | 10 |
| 21FLP4 | 6.3 | 10 | 22AFP4 | 6.3 | 6 | 23AFP4 | 6.3 | 10 | 23BTP4 | 6.3 | 10 | 23DP4 | 6.3 | 6 |
| 21FMP4 * | 6.3 | 6 | 22AGP4 | 6.3 | 10 | 23AGP4 | 6.3 | 6 | 23BVP4 | 6.3 | 10 | 23DQP4 * | 6.3 | 6 |
| 21FPP4 | 6.3 | 10 | 22AYP4 | 6.3 | 6 | 23AHP4 | 6.3 | 10 | 23BWP4 | 6.3 | 10 | 23DRP4 | 6.3 | 6 |
| 21FUP4 * | 6.3 | 6 | 22HP4 | 6.3 | 10 | 23AKP4 | 6.3 | 6 | 23BXP4 | 6.3 | 10 | 23DSP4 * | 6.3 | 6 |

| Type | Heater | CR | Type | Heater | CR |
|----------|--------|----|----------|--------|----|----------|--------|----|----------|--------|----|---------|--------|----|
| 23DTP4 | 6.3 | 6 | 23FLP4 | 6.3 | 10 | 23GYP4 * | 6.3 | 10 | 23JQP4 | 6.3 | 6 | 24BCP4 | 6.3 | 10 |
| 23DVP4 | 6.3 | 6 | 23FMP4 | 6.3 | 6 | 23GZP4 | 6.3 | 10 | 23JP4 * | 6.3 | 11 | 24BEP4 | 6.3 | 9 |
| 23DWP4 | 6.3 | 6 | 23FNP4 | 6.3 | 10 | 23HAP4 * | 6.3 | 10 | 23JRP4 * | 6.3 | 6 | 24BP4 | 6.3 | 10 |
| 23DXP4 | 6.3 | 6 | 23FP4 | 6.3 | 6 | 23HBP4 | 6.3 | 6 | 23KP4 | 6.3 | 6 | 24CP4 | 6.3 | 10 |
| 23DYP4 | 6.3 | 6 | 23FRP4 * | 6.3 | 6 | 23HCP4 | 6.3 | 6 | 23LP4 | 6.3 | 6 | 24DP4 | 6.3 | 10 |
| 23DZP4 | 6.3 | 6 | 23FSP4 | 6.3 | 6 | 23HEP4 | 6.3 | 10 | 23MP4 | 6.3 | 6 | 24QP4 | 6.3 | 10 |
| 23EAP4 | 6.3 | 10 | 23FTP4 * | 6.3 | 10 | 23HFP4 | 6.3 | 6 | 23NP4 * | 6.3 | 6 | 24TP4 | 6.3 | 10 |
| 23EBP4 | 6.3 | 6 | 23FUP4 | 6.3 | 6 | 23HGP4 | 6.3 | 6 | 23RP4 | 6.3 | 6 | 24VP4 | 6.3 | 10 |
| 23ECP4 * | 6.3 | 10 | 23FVP4 | 6.3 | 6 | 23HJP4 | 6.3 | 10 | 23SP4 | 6.3 | 6 | 24WP4 | 6.3 | 10 |
| 23EDP4 | 6.3 | 10 | 23FWP4 * | 6.3 | 10 | 23HKP4 | 6.3 | 6 | 23TP4 | 6.3 | 10 | 24XP4 | 6.3 | 10 |
| 23EFP4 * | 6.3 | 6 | 23FXP4 | 6.3 | 10 | 23HLP4 | 6.3 | 6 | 23UP4 | 6.3 | 6 | 24YP4 | 6.3 | 10 |
| 23EHP4 | 8.4 | 10 | 23FYP4 * | 6.3 | 10 | 23HMP4 | 6.3 | 6 | 23VP4 | 6.3 | 6 | 24ZP4 | 6.3 | 10 |
| 23EJP4 | 6.3 | 6 | 23FZP4 | 6.3 | 6 | 23HNP4 | 6.3 | 6 | 23WP4 | 6.3 | 6 | | | |
| 23EKP4 | 6.3 | 10 | 23GAP4 | 6.3 | 6 | 23HP4 | 6.3 | 6 | 23XP4 | 6.3 | 10 | 25DP4 | 6.3 | 6 |
| 23ELP4 | 6.3 | 10 | 23GBP4 | 6.3 | 6 | 23HQP4 | 6.3 | 6 | 23YP4 | 6.3 | 10 | 25EP4 | 6.3 | 6 |
| 23EMP4 | 6.3 | 10 | 23GCP4 * | 6.3 | 6 | 23HRP4 * | 6.3 | 6 | 23ZP4 * | 6.3 | 10 | 25HP4 * | 6.3 | 6 |
| 23ENP4 * | 6.3 | 10 | 23GDP4 | 6.3 | 6 | 23HSP4 * | 6.3 | 6 | | | | 25JP4 | 6.3 | 6 |
| 23EQP4 | 6.3 | 6 | 23GEP4 * | 6.3 | 10 | 23HTP4 | 6.3 | 6 | 24ADP4 | 6.3 | 10 | 25KP4 | 6.3 | 6 |
| 23ERP4 | 6.3 | 6 | 23GFP4 | 6.3 | 6 | 23HUP4 * | 6.3 | 6 | 24AEP4 | 6.3 | 10 | 25LP4 | 6.3 | 6 |
| 23ESP4 | 6.3 | 6 | 23GHP4 | 6.3 | 6 | 23HVP4 | 6.3 | 6 | 24AHP4 | 6.3 | 6 | 25MP4 | 6.3 | 6 |
| 23ETP4 | 6.3 | 6 | 23GJP4 * | 6.3 | 6 | 23HWP4 * | 6.3 | 6 | 24AJP4 * | 6.3 | 10 | 25NP4 | 6.3 | 6 |
| 23EWP4 | 6.3 | 6 | 23GKP4 | 6.3 | 6 | 23HXP4 | 6.3 | 6 | 24ALP4 | 6.3 | 6 | 25TP4 | 6.3 | 6 |
| 23EYP4 * | 6.3 | 10 | 23GMP4 | 6.3 | 10 | 23HYP4 | 6.3 | 6 | 24AMP4 | 6.3 | 11 | | | |
| 23EZP4 * | 6.3 | 6 | 23GNP4 | 6.3 | 10 | 23HZP4 | 6.3 | 6 | 24ANP4 | 6.3 | 10 | 27ABP4 | 6.3 | 6 |
| 23FAP4 | 6.3 | 6 | 23GPP4 | 6.3 | 6 | 23JAP4 * | 6.3 | 6 | 24AP4 | 6.3 | 10 | 27ACP4 | 6.3 | 10 |
| 23FBP4 * | 6.3 | 10 | 23GQP4 | 6.3 | 6 | 23JBP4 | 6.3 | 6 | 24AQP4 | 6.3 | 6 | 27ADP4 | 6.3 | 6 |
| 23FCP4 * | 6.3 | 6 | 23GRP4 | 6.3 | 10 | 23JEP4 | 6.3 | 6 | 24ASP4 | 6.3 | 10 | 27AEP4 | 6.3 | 6 |
| 23FDP4 * | 6.3 | 6 | 23GSP4 | 6.3 | 6 | 23JFP4 * | 6.3 | 6 | 24ATP4 * | 6.3 | 10 | 27AFP4 | 6.3 | 6 |
| 23FEP4 * | 6.3 | 10 | 23GTP4 | 6.3 | 6 | 23JGP4 * | 6.3 | 6 | 24AUP4 | 6.3 | 10 | 27AGP4 | 6.3 | 6 |
| 23FGP4 | 6.3 | 6 | 23GUP4 | 6.3 | 10 | 23JHP4 | 6.3 | 6 | 24AVP4 | 2.4 | 9 | 27AP4 | 6.3 | 10 |
| 23FHP4 * | 6.3 | 6 | 23GVP4 * | 6.3 | 6 | 23JLP4 * | 6.3 | 6 | 24AWP4 | 6.3 | 6 | 27EP4 | 6.3 | 10 |
| 23FJP4 | 6.3 | 6 | 23GWP4 * | 6.3 | 6 | 23JMP4 | 6.3 | 6 | 24AXP4 | 6.3 | 6 | 27GP4 | 6.3 | 10 |
| 23FKP4 | 6.3 | 6 | 23GXP4 | 6.3 | 6 | 23JNP4 | 6.3 | 6 | 24BAP4 * | 6.3 | 6 | 27LP4 | 6.3 | 10 |

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See Notes Inside Cover

23DTP4-27LP4

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See Notes Inside Cover

27MP4-240AUB4

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | | |
|---------|--------|----|---------|--------|------|---------|--------|------|----------|---------|---------|-----------|---------|---------|------|------|
| 27MP4 | 6.3 | 10 | 140AKB4 | 12.6 | 8 | 150AHB4 | 12.0 | 7 | 210TB4 | 12.0 | 7 | 230BZB4 | 12.6 | 7 | | |
| 27NP4 | 6.3 | 10 | 140ALB4 | 11.0 | 7 | 150CB4 | 12.6 | 6 | | | | 230CAB4 | 11.0 | 7 | | |
| 27RP4 | 6.3 | 10 | 140ANB4 | 11.0 | 7 | 150HB4 | 12.6 | 7 | 230AB4 | 6.3 | 7 | 230CEB4 | 11.0 | 7 | | |
| 27SP4 | 6.3 | 10 | 140ATB4 | 12.0 | 7 | 150JB4 | 12.6 | 8 | 230ACB4 | 12.0 | 7 | 230CHB4 | 12.0 | 7 | | |
| 27UP4 | 6.3 | 10 | 140AWB4 | 12.0 | 7 | 150YB4 | 12.2 | 7 | 230ADB4 | 12.6 | 8 | 230CLB4 | ** | 12.0 | | |
| 27VP4 | 6.3 | 10 | 140BEB4 | 12.0 | 8 | | | | 230AEB4 | 4.2 | 7 | 230CNB4 | 12.0 | 7 | | |
| 27WP4 | 6.3 | 10 | 140BJB4 | 11.0 | 7 | 180MB4 | 6.3 | 6 | 230AFB4 | 12.0 | 7 | 230CRB4 | 12.0 | 7 | | |
| 27XP4 | 6.3 | 10 | 140BKB4 | 11.0 | 7 | | | | 230AGB4 | 9.0 | 8 | 230CXB4 | * | 11.0 | | |
| 27YP4 | 6.3 | 10 | 140BLB4 | * | 12.0 | 7 | 190AB4 | * | 12.0 | 7 | 230AHB4 | 12.6 | 8 | 230CYB4 | ** | 12.0 |
| 27ZP4 | 6.3 | 6 | 140BRB4 | 11.0 | 8 | 190CB4 | 12.0 | 7 | 230AJB4 | * | 6.3 | 6 | 230DB4 | * | 12.6 | |
| | | | 140BSB4 | 12.0 | 7 | 190DB4 | * | 6.3 | 6 | 230AKB4 | * | 6.3 | 6 | 230EB4 | 12.6 | 7 |
| 28WB4 | 12.0 | 7 | 140BTB4 | 6.3 | 7 | 190DWP4 | 6.3 | 6 | 230ALB4 | * | 12.0 | 7 | 230HB4 | 12.6 | 8 | |
| | | | 140BVB4 | 6.3 | 7 | 190EB4 | * | 12.0 | 7 | 230AMB4 | * | 12.6 | 7 | 230MB4 | * | 12.0 |
| 30BP4 | 6.3 | 10 | 140CBX4 | 6.3 | 7 | 190FB4 | * | 12.0 | 7 | 230ANB4 | 12.6 | 7 | 230RB4 | 12.0 | 7 | |
| | | | 140CB41 | 2.0 | 8 | 190GB4 | 11.0 | 7 | 230ARB4 | 6.3 | 7 | 230SB4 | 12.0 | 7 | | |
| 85CB4 | 12.0 | 7 | 140CFB4 | 6.3 | 7 | 190HB4 | 12.0 | 7 | 230ASB4 | 12.0 | 7 | 230TB4 | 6.3 | 7 | | |
| 85FB4 | 12.0 | 7 | 140CHB4 | 12.0 | 7 | 190MB4 | 12.0 | 7 | 230ATB4 | 12.0 | 7 | 230VB4 | 12.0 | 7 | | |
| 85JB4 | 12.0 | 7 | 140CKB4 | 12.0 | 7 | 190TB4 | 12.0 | 7 | 230AUB4 | 12.0 | 7 | 230WB4 | 12.0 | 7 | | |
| 85MB4 | 6.0 | 8 | 140CVB4 | 12.6 | 8 | 190UB4 | 12.0 | 7 | 230AVB4 | 12.6 | 7 | 230XB4 | 12.0 | 7 | | |
| 85VB4 | 6.3 | 7 | 140CXB4 | 12.0 | 7 | | | | 230AWB4 | 12.6 | 7 | 230YB4 | 12.0 | 7 | | |
| | | | 140CYB4 | 11.0 | 7 | 200CB4 | 12.0 | 7 | 230AXB4 | 11.0 | 7 | 230ZP4 | 12.0 | 7 | | |
| 100FB4 | 6.3 | 7 | 140DB4 | 12.6 | 7 | 200DB4 | 12.0 | 7 | 230AYB4 | 12.0 | 7 | | | | | |
| | | | 140DHB4 | 12.0 | 7 | 200EB4 | * | 12.0 | 7 | 230BDB4 | * | 12.0 | 7 | 240AB4 | * | 12.0 |
| 110CB4 | 11.5 | 8 | 140DLB4 | 6.0 | 7 | 200FB4 | * | 12.0 | 7 | 230BEB4 | 12.0 | 7 | 240AB4A | * | 12.0 | |
| 110EB4 | 12.0 | 7 | 140DVB4 | 12.6 | 7 | 200GB4 | 11.0 | 7 | 230JB4 | 12.0 | 7 | 240AB4(L) | 11.0 | 7 | | |
| | | | 140FB4 | 12.6 | 8 | 200MB4 | 12.0 | 8 | 230KKB4 | 11.0 | 7 | 240AB4(T) | 11.0 | 7 | | |
| 120ANB4 | 6.3 | 7 | 140MB4 | 12.0 | 7 | 200NB4A | * | 12.0 | 7 | 230LLB4 | 12.0 | 8 | 240AGB4 | * | 11.0 | |
| | | | 140TB4 | 12.0 | 7 | 200SB4 | 12.0 | 8 | 230BRB4 | 12.0 | 7 | 240ALB4 | 12.0 | 7 | | |
| 130AMB4 | 6.3 | 6 | 140YB4 | 12.0 | 7 | 200XB4 | 12.0 | 7 | 230BTB4 | 12.0 | 7 | 240ANB4 | 12.0 | 7 | | |
| | | | 140ZB4 | 6.3 | 6 | | | | 230BUB39 | 6.3 | 6 | 240ARB4 | 12.0 | 7 | | |
| 140AB4 | 12.0 | 8 | | | | 210EB4 | * | 12.6 | 6 | 230VB4 | 12.0 | 7 | 240ASB4 | 12.0 | 7 | |
| 140ADB4 | 12.0 | 8 | 150ACB4 | 12.0 | 8 | 210FB4 | * | 12.6 | 6 | 230XB4 | 11.0 | 7 | 240ATB4 | 12.0 | 7 | |
| 140AJB4 | 12.0 | 7 | 150AFB4 | 12.0 | 7 | 210HB4 | 12.6 | 6 | 230YB4 | 12.6 | 7 | 240AUB4 | 12.0 | 7 | | |

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | | |
|---------|--------|------|---------|--------|------|---------|---------|-----|---------|---------|------|----------|---------|---------|------|---|
| 240CB4 | 6.3 | 7 | 280ZB4 | 12.0 | 8 | 310BYB4 | 6.3 | 7 | 310DXB4 | 12.0 | 7 | 310GKB4 | 11.0 | 7 | | |
| 240DB4 | 12.0 | 7 | | | | 310BZB4 | 6.3 | 6 | 310DZB4 | 6.3 | 6 | 310GNB4 | 12.0 | 7 | | |
| 240EB4 | 12.0 | 7 | 290DB4 | * | 12.0 | 310CB41 | 2.6 | 6 | 310EAB4 | 6.3 | 7 | 310GUB4 | 12.0 | 7 | | |
| 240FB4 | 12.0 | 7 | 290EB4 | 12.0 | 7 | 310CDB4 | 6.3 | 6 | 310ECB4 | 6.3 | 7 | 310GZB4 | 6.3 | 7 | | |
| 240GB4 | 6.3 | 7 | | | | 310CFB4 | 12.0 | 7 | 310EDB4 | 4.2 | 7 | 310HCB4 | 12.6 | 7 | | |
| 240KB4 | 6.3 | 7 | 310AB4 | 6.3 | 6 | 310CKB4 | 6.3 | 6 | 310EFB4 | 6.3 | 7 | 310HDB4 | 11.0 | 7 | | |
| 240LB4 | * | 4.2 | 310ADB4 | 12.6 | 7 | 310CLB4 | 6.3 | 6 | 310EJB4 | 6.3 | 6 | 310HEB4 | 11.0 | 7 | | |
| 240MB4 | 6.3 | 7 | 310AGB4 | 12.6 | 7 | 310CMB4 | 6.3 | 6 | 310ENB4 | 6.3 | 7 | 310HFB4 | 11.0 | 7 | | |
| 240NB4 | * | 12.0 | 310AHB4 | 6.3 | 7 | 310CNB4 | 6.3 | 6 | 310ERB4 | 6.3 | 7 | 310HLB4 | 11.0 | 7 | | |
| 240RB4 | * | 12.0 | 310AJB4 | * | 6.3 | 6 | 310CSB4 | 6.3 | 7 | 310ETB4 | * | 4.2 | 7 | 310HPB4 | 11.0 | 7 |
| 240SB4 | 12.0 | 7 | 310AKB4 | 12.6 | 7 | 310CTB4 | 6.3 | 6 | 310EUB4 | * | 12.0 | 7 | 310HSB4 | 11.0 | 7 | |
| 240TB4 | 6.3 | 7 | 310ALB4 | 12.6 | 7 | 310CUB4 | 6.3 | 6 | 310EVB4 | 6.3 | 7 | 310HTB4 | 11.0 | 7 | | |
| 240XB4 | 11.0 | 7 | 310AMB4 | 6.3 | 6 | 310CVB4 | 6.3 | 7 | 310EWB4 | 6.3 | 7 | 310HVB4 | 11.0 | 7 | | |
| 240YB4 | 11.0 | 7 | 310ANB4 | 6.3 | 6 | 310CWB4 | 6.3 | 6 | 310EXB4 | 12.0 | 6 | 310HWB39 | 12.0 | 7 | | |
| | | | 310ARB4 | 12.6 | 7 | 310CXB4 | 4.2 | 7 | 310EYB4 | 12.0 | 7 | 310JB4 | 6.3 | 7 | | |
| 250CB4 | 5.0 | 6 | 310ASB4 | 6.3 | 7 | 310CYB4 | 6.3 | 7 | 310FAB4 | 12.0 | 7 | 310JCB4 | * | 11.0 | | |
| 250KB4 | 12.6 | 6 | 310ATB4 | 12.6 | 7 | 310DAB4 | 12.0 | 7 | 310FCB4 | 6.3 | 7 | 310JEB4 | 11.0 | 7 | | |
| | | | 310AUB4 | 12.6 | 7 | 310DB4H | 12.0 | 7 | 310FDB4 | 12.6 | 7 | 310JHB4 | 11.0 | 7 | | |
| 270AB4 | 6.3 | 10 | 310AVB4 | 4.2 | 7 | 310DCB4 | 12.0 | 7 | 310FEB4 | 4.2 | 7 | 310JKB4 | 6.3 | 6 | | |
| 270FB4 | 6.3 | 10 | 310AWB4 | 4.2 | 7 | 310DEB4 | * | 6.3 | 6 | 310FJB4 | 4.2 | 7 | 310JLB4 | ** | 12.6 | |
| | | | 310AXB4 | 6.3 | 6 | 310DFB4 | 12.0 | 7 | 310FKB4 | * | 6.3 | 7 | 310JMB4 | ** | 12.0 | |
| 280ACB4 | 11.0 | 7 | 310AYB4 | 6.3 | 7 | 310DGB4 | 12.0 | 7 | 310FMB4 | 4.2 | 7 | 310JXB4 | ** | 12.0 | | |
| 280CB4 | 6.3 | 6 | 310AZB4 | 12.0 | 7 | 310DHB4 | 12.6 | 7 | 310FNB4 | 12.0 | 7 | 310JYB4 | ** | 11.0 | | |
| 280GB4 | 6.3 | 7 | 310BAB4 | 4.2 | 7 | 310DJB4 | 12.0 | 7 | 310FRB4 | 12.0 | 7 | 310JZB4 | ** | 12.0 | | |
| 280JB4 | 12.6 | 7 | 310BCB4 | 4.2 | 7 | 310DKB4 | 6.3 | 6 | 310FSB4 | 12.0 | 7 | 310KAB4 | ** | 12.0 | | |
| 280LB4 | 12.6 | 7 | 310BDB4 | 6.3 | 6 | 310DLB4 | 12.0 | 7 | 310FTB4 | 4.2 | 6 | 310KDB4 | 12.0 | 7 | | |
| 280MB4 | 5.0 | 7 | 310BFB4 | 6.3 | 6 | 310DMB4 | 12.0 | 7 | 310FVB4 | 11.0 | 7 | 310KEB4 | 12.0 | 7 | | |
| 280NB4 | 12.0 | 7 | 310BHB4 | 12.6 | 7 | 310DNB4 | 12.0 | 7 | 310FXB4 | * | 12.0 | 7 | 310KFB4 | 12.0 | 7 | |
| 280TB4 | 12.0 | 7 | 310BKB4 | 6.3 | 6 | 310DRB4 | 12.6 | 7 | 310FZB4 | 12.0 | 7 | 310KGB4 | 12.0 | 7 | | |
| 280UB4 | 4.2 | 7 | 310BMB4 | 6.3 | 7 | 310DTB4 | 6.3 | 6 | 310GAB4 | 11.0 | 7 | 310KHB4 | 12.0 | 7 | | |
| 280VB4 | 12.6 | 8 | 310BNB4 | 12.0 | 7 | 310DUB4 | 12.6 | 7 | 310GB4 | 12.6 | 7 | 310KMB4 | 12.0 | 7 | | |
| 280WB4 | 12.6 | 7 | 310BWB4 | 4.2 | 7 | 310DVB4 | 4.2 | 7 | 310GDB4 | 4.2 | 7 | 310KRB4 | 12.0 | 7 | | |
| 280XB4 | 12.6 | 7 | 310BXB4 | 6.3 | 6 | 310DWB4 | 12.0 | 7 | 310GJB4 | 11.0 | 7 | 310KVB4 | ** | 12.0 | | |

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See Notes Inside Cover

240CB4-310KVB4

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See Notes Inside Cover

310LEB4-440CHB4

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | | |
|-----------|--------|-----|-----------|--------|---------|---------|---------|--------|---------|---------|---------|-----------|-----------|-----------|-----|---|
| 310LEB4 | 12.0 | 7 | 340BCB4 | 12.0 | 7 | 360DB4 | 6.3 | 6 | 400AWB4 | 6.3 | 6 | 400VB4 | 6.3 | 6 | | |
| 310LFB4 | 6.3 | 6 | 340BDB4 | 12.0 | 7 | 360EB4 | 6.3 | 6 | 400AXB4 | 6.3 | 6 | 400WB4 | 6.3 | 6 | | |
| 310LMB4 | ** | 6.3 | 340BFB4 | 12.0 | 7 | 360GB4 | 6.3 | 6 | 400AYB4 | 6.3 | 6 | 400XB4 | 6.3 | 6 | | |
| 310MB4 | 12.6 | 7 | 340BGB4 | 12.0 | 7 | 360HB4 | 6.3 | 6 | 400AZB4 | 6.3 | 6 | 400YB4 * | 6.3 | 6 | | |
| 310TB4 | 3.15 | 7 | 340BHB4 | ** | 12.0 | 7 | 360JB4 | 6.3 | 6 | 400BAB4 | 6.3 | 6 | 400ZB4 | 6.3 | 6 | |
| 310WB4 | 12.6 | 7 | 340BKB39 | 12.0 | 7 | | | | 400GB4 | 4.2 | 7 | | | | | |
| 310XB4 | 4.2 | 7 | 340BRB4 | 6.3 | 7 | 370BRB4 | 6.3 | 7 | 400HBA | 6.3 | 6 | 430EB4 | 6.3 | 6 | | |
| 310YB4 | 4.2 | 7 | 340BSB4 | 11.0 | 7 | 370HCB4 | 6.3 | 6 | 400KBA | 6.3 | 7 | | | | | |
| | | | 340BTB4 | 11.0 | 7 | 370HVB4 | ** | 6.3 | 6 | 400BTB4 | 11.0 | 7 | 440AB4 | 6.3 | 6 | |
| 320AMB4 | 12.0 | 7 | 340CB4 | 11.0 | 7 | 370LCB4 | ** | 6.3 | 6 | 400UBA | 6.3 | 6 | 440ACB4 | 6.3 | 6 | |
| 320ANB4 | 12.0 | 7 | 340CB4 | 12.0 | 7 | 370LDB4 | ** | 6.3 | 6 | 400VB4 | 6.3 | 6 | 440ADB4 | 6.3 | 6 | |
| 320ATB39 | 12.0 | 7 | 340CHB4 * | 11.0 | 7 | 370LVB4 | ** | 6.3 | 6 | 400WB4 | 6.3 | 6 | 440AFB4 * | 6.3 | 6 | |
| 320AUB39 | 12.0 | 7 | 340CKB4 | 12.0 | 7 | 370LWB4 | 6.3 | 6 | 400XB4 | 6.3 | 6 | 440AGB4 | 6.3 | 6 | | |
| 320BCB4 | 11.0 | 8 | 340CLB4 | 12.0 | 7 | 370MRB4 | ** | 6.3 | 6 | 400ZB4 | 6.3 | 6 | 440AHB4 | 6.3 | 6 | |
| 320BFB4 | 11.0 | 7 | 340CRB4 | ** | 12.0 | 7 | 370MSB4 | ** | 6.3 | 6 | 400CAB4 | 6.3 | 6 | 440ANB4 * | 4.2 | 6 |
| | | | 340CVB4 | 12.0 | 7 | | | | 400CB4 | 6.3 | 6 | 440ATB4 | 6.3 | 6 | | |
| 340AB4 | 12.0 | 7 | 340CWB4 | 12.0 | 7 | 400AB4 | 6.3 | 6 | 400CDB4 | 6.3 | 6 | 440AUB4 | 6.3 | 6 | | |
| 340ACB4 | 12.0 | 7 | 340CXB4 | 12.0 | 7 | 400ACB4 | 6.3 | 6 | 400CEB4 | 6.3 | 6 | 440AVB4 | 6.3 | 6 | | |
| 340ADB4 | 6.3 | 7 | 340DB4 | 12.0 | 7 | 400ADB4 | 6.3 | 6 | 400CHB4 | 4.2 | 7 | 440AWB4 | 6.3 | 6 | | |
| 340AHB4 | 12.6 | 7 | 340EB4 | 4.2 | 7 | 400AEB4 | 6.3 | 6 | 400CMB4 | 6.3 | 6 | 440AYB4 * | 6.3 | 6 | | |
| 340AJB4 | 12.6 | 7 | 340FB4 | 4.2 | 7 | 400AFB4 | 6.3 | 6 | 400CRB4 | 12.0 | 7 | 440BAB4 | 6.3 | 6 | | |
| 340AKB4 | 6.3 | 7 | 340GB4 | 12.0 | 7 | 400AGB4 | 6.3 | 6 | 400CSB4 | 6.3 | 6 | 440BB4 | 12.6 | 7 | | |
| 340AMB4 | 12.0 | 7 | 340JB4 | 4.2 | 7 | 400AHB4 | 6.3 | 6 | 400CTB4 | 12.0 | 7 | 440BFB4 * | 12.0 | 7 | | |
| 340ANB4 | 6.3 | 7 | 340KB4 | 6.3 | 7 | 400AJB4 | 6.3 | 6 | 400DEB4 | 6.3 | 6 | 440BGB4 | 8.4 | 6 | | |
| 340ARB4 | 6.3 | 7 | 340NB4 | 6.3 | 7 | 400AKB4 | 6.3 | 6 | 400DSB4 | 6.3 | 6 | 440BSB4 | 6.3 | 7 | | |
| 340ASB4 | 12.0 | 7 | 340RB4 * | 12.0 | 7 | 400ALB4 | 6.3 | 6 | 400DLB4 | 4.2 | 6 | 440BTB4 | 12.0 | 7 | | |
| 340ATB4 | 12.0 | 7 | 340TB4 * | 6.3 | 6 | 400AMB4 | 6.3 | 6 | 400DB4 | 6.3 | 6 | 440BVB4 | 11.0 | 7 | | |
| 340AUB4 | 12.0 | 7 | 340UB4 * | 6.3 | 6 | 400ANB4 | 6.3 | 6 | 400FB4 | 6.3 | 6 | 440BWB4 | 6.3 | 6 | | |
| 340AVB4 | 12.0 | 7 | 340WB4 * | 6.3 | 6 | 400APB4 | 6.3 | 6 | 400HB4 | 6.3 | 6 | 440BXB4 | 6.3 | 6 | | |
| 340AXB4 * | 12.0 | 7 | 340XB4 * | 6.3 | 6 | 400ARB4 | 6.3 | 6 | 400NB4 | 6.3 | 6 | 440BYB4 | 11.0 | 7 | | |
| 340AYB4 | 12.0 | 7 | 340YB4 | 12.6 | 7 | 400ASB4 | 6.3 | 6 | 400SB4 | 6.3 | 6 | 440CB4 | 6.3 | 6 | | |
| 340AZB4 | 12.0 | 7 | 340ZB4 * | 12.0 | 7 | 400ATB4 | 6.3 | 6 | 400TB4 | 6.3 | 6 | 440CDB4 | 12.0 | 7 | | |
| 340BAB39 | 12.0 | 6 | | | 400AUB4 | 6.3 | 6 | 400UB4 | 6.3 | 6 | 440CHB4 | 6.3 | 6 | | | |

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
|------------|--------|----|-----------|--------|--------|-----------|--------|--------|----------|--------|--------|------------|--------|----|
| 440CJB4 | 6.3 | 6 | 470ANB4 | 6.3 | 6 | 500AGB4 | 6.3 | 6 | 500LB4 * | 6.3 | 6 | 590TB4 | 6.3 | 6 |
| 440CKB4 | 11.0 | 7 | 470ARB4 | 6.3 | 6 | 500AHB4 | 6.3 | 6 | 500MB4 | 6.3 | 6 | 590UB4 | 6.3 | 6 |
| 440CRB4 * | 6.3 | 6 | 470ASB4 | 6.3 | 6 | 500AJB4 | 6.3 | 6 | 500NB4 | 6.3 | 6 | 590VB4 | 6.3 | 6 |
| 440CVB4 | 11.0 | 7 | 470ATB4 | 6.3 | 6 | 500AKB4 | 6.3 | 6 | 500RB4 | 6.3 | 6 | 590WB4 | 6.3 | 6 |
| 440CWB4A * | 11.0 | 7 | 470AVB4 | 4.2 | 6 | 500ARB4 | 6.3 | 6 | 500SB4 | 6.3 | 6 | 590XB4 | 6.3 | 6 |
| 440DB4 | 6.3 | 6 | 470AWB4 * | 4.2 | 6 | 500ASB4 | 6.3 | 6 | 500TB4 | 6.3 | 6 | 590YB4 * | 4.2 | 6 |
| 440EB4 | 6.3 | 6 | 470AXB4 | 6.3 | 6 | 500ATB4 * | 6.3 | 6 | 500VB4 | 6.3 | 6 | 590ZB4 * | 6.3 | 6 |
| 440FB4 | 6.3 | 6 | 470AYB4 | 6.3 | 6 | 500AVB4 | 6.3 | 6 | 500WB4 | 6.3 | 6 | | | |
| 440GB4 * | 6.3 | 6 | 470CB4 | 6.3 | 6 | 500AWB4 | 6.3 | 6 | 500XB4 * | 6.3 | 6 | 710CB39 | 6.3 | 34 |
| 440HB4 | 6.3 | 6 | 470CSB4 | 6.3 | 6 | 500AXB4 | 6.3 | 6 | 500YB4 | 6.3 | 6 | | | |
| 440JB4 | 6.3 | 6 | 470EB4 | 4.2 | 6 | 500AYB4 | 6.3 | 6 | 500ZB4 * | 6.3 | 6 | 9388P4 | 6.3 | 6 |
| 440KB4 | 6.3 | 6 | 470GB4 | 6.3 | 6 | 500AZB4 | 6.3 | 6 | | | | | | |
| 440LB4 | 6.3 | 6 | 470HB4 | 6.3 | 6 | 500BAB4 | 6.3 | 6 | 520AB4 * | 6.3 | 6 | 520001 | 6.3 | 10 |
| 440MB4 | 6.3 | 6 | 470JB4 | 6.3 | 6 | 500BDB4 | 6.3 | 6 | 520CB4 | 6.3 | 6 | 520088 | 6.3 | 6 |
| 440NB4 | 6.3 | 6 | 470KB4 | 6.3 | 6 | 500BKB4 | 6.3 | 6 | 520DB4 | 6.3 | 6 | 520100 | 6.3 | 10 |
| 440RB4 | 6.3 | 6 | 470LB4 | 6.3 | 6 | 500BLB4 | 6.3 | 6 | 520EB4 | 6.3 | 6 | 520110 | 6.3 | 6 |
| 440SB4 | 6.3 | 6 | 470MB4 | 6.3 | 6 | 500BMB4 | 6.3 | 6 | 520FB4 | 6.3 | 6 | 520114 | 6.3 | 10 |
| 440TB4 | 6.3 | 6 | 470NB4 | 6.3 | 6 | 500BRB4 | 6.3 | 6 | 520GB4 | 6.3 | 6 | 520141 | 12.0 | 7 |
| 440UB4 | 6.3 | 6 | 470RB4 | 6.3 | 6 | 500BTB4 * | 12.0 | 6 | | | | 520161 | 12.6 | 7 |
| 440VB4 * | 6.3 | 6 | 470SB4 | 6.3 | 6 | 500BUB4 | 11.0 | 6 | 530WB4 | 6.3 | 10 | 520188 | 6.3 | 10 |
| 440WB4 | 11.0 | 7 | 470TB4 | 6.3 | 6 | 500BWB4 | 6.3 | 6 | | | | 520196 | 12.6 | 7 |
| 440YB4 | 6.3 | 6 | 470UB4 | 6.3 | 6 | 500BXB4 * | 6.3 | 6 | 590AB4 | 6.3 | 6 | 520251-650 | 6.3 | 35 |
| 440ZB4 | 6.3 | 6 | 470VB4 | 6.3 | 6 | 500CB4 | 6.3 | 6 | 590CB4 * | 6.3 | 6 | 520361-004 | 6.3 | 10 |
| | | | 470WB4 | 6.3 | 6 | 500CDB4 | 11.0 | 6 | 590DB4 * | 6.3 | 6 | 520362-004 | 6.3 | 10 |
| 470AB4 | 6.3 | 6 | 470XB4 | 6.3 | 6 | 500CEB4 | 11.0 | 6 | 590EB4 | 6.3 | 6 | 520387 | 6.3 | 35 |
| 470ACB4 | 6.3 | 6 | 470YB4 | 6.3 | 6 | 500DB4 | 6.3 | 6 | 590GB4 | 6.3 | 6 | 520396 | 6.3 | 35 |
| 470ADB4 | 6.3 | 6 | 470ZB4 | 6.3 | 6 | 500EB4 | 6.3 | 6 | 590HB4 | 6.3 | 6 | 520397 | 6.3 | 35 |
| 470AEB4 | 6.3 | 6 | | | 500FB4 | 6.3 | 6 | 590JB4 | 6.3 | 6 | 520400 | 6.3 | 35 | |
| 470AFB4 | 6.3 | 6 | 490ACB4 | 6.3 | 6 | 500GB4 | 6.3 | 6 | 590KB4 | 6.3 | 6 | | | |
| 470AHB4 | 6.3 | 6 | | | 500HB4 | 6.3 | 6 | 590LB4 | 6.3 | 6 | | | | |
| 470AJB4 | 6.3 | 6 | 500AB4 | 6.3 | 6 | 500IB4 | 6.3 | 6 | 590MB4 | 6.3 | 6 | | | |
| 470ALB4 | 6.3 | 6 | 500AEB4 | 6.3 | 6 | 500JB4 * | 4.2 | 6 | 590NB4 | 6.3 | 6 | | | |
| 470AMB4 | 6.3 | 6 | 500AFB4 | 6.3 | 6 | 500KB4 | 6.3 | 6 | 590RB4 | 6.3 | 6 | | | |

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A14JWE05WW -C925P4

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
|------------|--------|----|----------|--------|---------|------------|--------|---------|----------|--------|--------|----------|--------|----|
| A14JWE05WW | **12.0 | 8 | A31-300W | 11.0 | 7 | A47-13W | 6.3 | 6 | A61-123W | 6.3 | 6 | C9M60P4 | 12.0 | 7 |
| A17-69 | 6.3 | 10 | A31-320W | 11.0 | 7 | A47-14W | 6.3 | 6 | A61-171W | 6.3 | 6 | C12M02P4 | 12.0 | 7 |
| A23-10W * | 12.0 | 8 | A31-322W | 11.0 | 7 | A47-17W | 6.3 | 6 | A61-520W | 6.3 | 6 | C12M09P4 | 12.0 | 7 |
| A24-512W | 11.0 | 7 | A31-390W | 11.0 | 7 | A47-21W | 4.2 | 6 | A65-11W | 6.3 | 6 | C12M21P4 | 12.0 | 6 |
| A28-11W | 11.0 | 7 | A31-410W | 11.0 | 7 | A47-22W | 6.3 | 6 | A65-13W | 6.3 | 6 | C12M27P4 | 6.3 | 6 |
| A28-12W | 11.0 | 7 | A31-450W | 11.0 | 7 | A47-23W | 6.3 | 6 | AW17-69 | 6.3 | 10 | C12M34P4 | 12.0 | 7 |
| A28-13W | 11.0 | 7 | A31-510W | 11.0 | 7 | A47-25W | 6.3 | 6 | AW36-91 | 6.3 | 6 | C12M40P4 | 12.0 | 7 |
| A28-14W | 11.0 | 7 | A34-111W | 11.0 | 7 | A47-26W | 6.3 | 6 | AW40-12 | 6.3 | 6 | C14M34P4 | 12.0 | 6 |
| A28-15W | 4.2 | 7 | A34-510W | 11.0 | 7 | A47-27W | 6.3 | 6 | AW42-12 | 6.0 | 6 | C14M37P4 | 12.0 | 6 |
| A31-12W | 6.3 | 6 | A37-110W | 11.0 | 7 | A47-28W | 6.3 | 6 | AW42-20 | 6.3 | 10 | C14M45P4 | 12.0 | 7 |
| A31-14W | 11.0 | 7 | A38-160W | 11.0 | 7 | A47-330W | 6.3 | 6 | AW43-20 | 6.3 | 10 | C15M18P4 | 6.3 | 6 |
| A31-15W | 6.3 | 6 | A38-170W | 11.0 | 7 | A50-12W | 6.3 | 6 | AW43-80 | 6.3 | 10 | C15M22P4 | 6.3 | 6 |
| A31-16W * | 4.2 | 6 | A40-11W | 6.3 | 6 | A50-120W | 6.3 | 6 | AW43-88 | 6.3 | 6 | C316P4 | 12.0 | 8 |
| A31-17W | 6.3 | 6 | A40-12W | 6.3 | 6 | A50-123W | 6.3 | 6 | AW47-12 | 6.0 | 6 | C505P4 | 12.0 | 7 |
| A31-18W | 6.3 | 6 | A41-10W | 6.3 | 6 | A50-171W | 6.3 | 6 | AW47-30 | 6.3 | 6 | C507P | 12.0 | 7 |
| A31-19W | 11.0 | 7 | A44-12W | 6.3 | 6 | A50-182W * | 6.3 | 6 | AW47-90 | 6.3 | 6 | C509P4 | 12.0 | 7 |
| A31-20W | 11.0 | 7 | A44-13W | 6.3 | 6 | A50-520W | 6.3 | 6 | AW47-91 | 6.3 | 6 | C510P4 | 12.0 | 7 |
| A31-120W | 11.0 | 7 | A44-18W | 6.3 | 6 | A51-10W | 6.3 | 6 | AW53-80 | 6.3 | 10 | C520P4 | 12.0 | 7 |
| A31-121W | 11.0 | 7 | A44-120W | 6.3 | 6 | A59-9W | 6.3 | 6 | AW53-88 | 6.3 | 6 | C521P4 | 12.0 | 7 |
| A31-181W | 6.3 | 6 | A44-171W | 6.3 | 6 | A59-11W | 6.3 | 6 | AW53-89 | 6.3 | 6 | C521P4 | 12.0 | 7 |
| A31-191W | 11.0 | 7 | A44-172W | 6.3 | 6 | A59-12W | 6.3 | 6 | AW59-90 | 6.3 | 6 | C537P4 | 12.0 | 7 |
| A31-250W | 11.0 | 7 | A44-280W | 11.0 | 7 | A59-12W2 | 6.3 | 6 | AW59-91 | 6.3 | 6 | C550P4 | 12.0 | 7 |
| A31-251W | 11.0 | 7 | A44-281W | 11.0 | 7 | A59-13W | 6.3 | 6 | AW61-88 | 6.3 | 6 | C706P4 | 6.3 | 6 |
| A31-262W | 6.3 | 7 | A44-510W | 11.0 | 7 | A59-15W | 6.3 | 6 | C5M75P4 | 12.0 | 7 | C814P4 | 12.0 | 7 |
| A31-265W | 6.3 | 7 | A44-520W | 6.3 | 6 | A59-16W | 6.3 | 6 | C5M92P4 | 12.0 | 7 | C816P4 | 12.0 | 7 |
| A31-270W | 11.0 | 7 | A47-11W | 6.3 | 6 | A59-22W | 6.3 | 6 | C8M46P4 | 12.0 | 7 | C820P4 | 12.0 | 7 |
| A31-280W | 11.0 | 7 | A61-120W | 6.3 | 6 | A59-23W | 6.3 | 6 | C9M53P4 | 12.0 | 7 | C822P4 | 12.0 | 7 |
| A31-290W | 11.0 | 7 | | | A59-25W | 6.3 | 6 | C9M54P4 | 12.0 | 7 | C824P4 | 12.0 | 7 | |

| Type | Heater | CR | Type | Heater | CR |
|-----------|--------|----|-----------|--------|----|-----------|--------|----|-----------|--------|----|----------|--------|----|
| C935P4 | 12.0 | 7 | CE158 | 6.3 | 6 | CE454 | 12.6 | 7 | CE605 | 6.3 | 6 | CE748 | 11.0 | 7 |
| C936P4 | 12.0 | 7 | CE159 | 12.0 | 7 | CE455 | 12.0 | 7 | CE611 | 12.0 | 7 | CE751 | 12.0 | 7 |
| C938P4 | 12.0 | 7 | CE183 | 6.3 | 7 | CE474 | 6.3 | 6 | CE615W | 12.0 | 7 | CE752 | 6.3 | 6 |
| C939P4 | 12.0 | 7 | CE190 | 6.3 | 6 | CE485 | 12.6 | 6 | CE617 | 6.3 | 6 | CE754 | 12.0 | 6 |
| C942P4 ** | 12.0 | 7 | CE195 | 6.3 | 6 | CE486 | 6.3 | 6 | CE622 | 6.3 | 6 | CE755 | 12.0 | 6 |
| C1005P4 | 12.0 | 7 | CE219 | 12.6 | 7 | CE493 | 12.0 | 7 | CE645 | 12.0 | 7 | CE758 | 12.0 | 7 |
| C1011P4 | 12.0 | 7 | CE233 | 6.3 | 7 | CE500 | 6.3 | 6 | CE650 | 6.3 | 6 | CE762 | 6.3 | 6 |
| C1012P4 | 12.0 | 7 | CE263 | 6.3 | 7 | CE503 | 6.3 | 6 | CE656 | 6.3 | 35 | CE763 | 12.0 | 6 |
| C1254P4 | 12.0 | 7 | CE264 | 6.3 | 6 | CE522 | 6.3 | 6 | CE661 | 6.3 | 6 | CE767 | 6.3 | 35 |
| C1260P4 | 12.0 | 7 | CE272 | 12.6 | 7 | CE524 | 6.3 | 35 | CE663 | 12.0 | 7 | CE770 | 11.0 | 7 |
| C1262P4 | 12.0 | 7 | CE278 | 12.0 | 7 | CE526 | 12.6 | 6 | CE668 | 12.0 | 7 | CE771 | 6.3 | 6 |
| C1270P4 | 12.0 | 7 | CE284 | 12.6 | 7 | CE528 | 6.3 | 35 | CE673 | 6.3 | 35 | CE772 | 12.0 | 7 |
| C1272P4 | 12.0 | 7 | CE310 | 12.6 | 7 | CE530 | 12.6 | 6 | CE675 | 6.3 | 6 | CE779 | 12.0 | 7 |
| C1274P4 | 12.0 | 7 | CE311 | 12.0 | 7 | CE531 | 6.3 | 6 | CE678 | 12.0 | 7 | CE780 | 6.3 | 7 |
| C1289P4 | 12.0 | 7 | CE317 | 12.6 | 6 | CE534 | 6.3 | 6 | CE684 | 6.3 | 6 | CE786 | 12.0 | 6 |
| C1301P4 | 6.3 | 6 | CE319-M12 | 6.3 | 6 | CE539 | 12.6 | 6 | CE681 | 6.3 | 6 | CE787 | 12.0 | 6 |
| C1302P4 | 6.3 | 10 | CE321-M11 | 12.6 | 7 | CE544 | 6.3 | 6 | CE685 | 6.3 | 6 | CE788 | 12.0 | 6 |
| C1421P4 | 6.3 | 6 | CE323 | 12.6 | 6 | CE547-M15 | 12.6 | 6 | CE687 | 6.3 | 6 | CE789 | 12.0 | 6 |
| C1423P4 | 6.3 | 6 | CE325 | 12.0 | 7 | CE551 | 12.6 | 35 | CE689 | 6.3 | 6 | CE790 | 12.0 | 6 |
| C1426P4 | 12.0 | 7 | CE335 | 12.0 | 6 | CE553 | 12.0 | 7 | CE693 | 6.3 | 6 | CE791 | 12.0 | 7 |
| C1427P4 | 12.0 | 7 | CE356 | 6.3 | 35 | CE555 | 12.0 | 7 | CE695 | 6.3 | 6 | CE792 | 12.0 | 7 |
| C1428P4 | 12.0 | 7 | CE360 | 6.3 | 7 | CE556 | 6.3 | 7 | CE703 | 12.6 | 6 | CE793 | 12.0 | 7 |
| C1429P4 | 12.0 | 7 | CE361 | 6.3 | 3 | CE558 | 6.3 | 6 | CE706 | 6.3 | 6 | CE798 | 12.0 | 7 |
| C1634P4 | 6.3 | 6 | CE374 | 6.3 | 6 | CE563 | 6.3 | 6 | CE710 | 12.0 | 7 | CE799 | 6.3 | 6 |
| C1637P4 | 6.3 | 6 | CE384 | 6.3 | 6 | CE566 | 6.3 | 7 | CE713 | 6.3 | 35 | CE800 | 6.3 | 6 |
| C1717P4 | 12.0 | 7 | CE387 | 12.0 | 7 | CE574 | 6.3 | 6 | CE727 | 12.6 | 7 | CE802 ** | 12.0 | 7 |
| C1720P4 | 6.3 | 6 | CE391 | 6.3 | 35 | CE585 | 6.3 | 35 | CE730-M12 | 6.3 | 6 | CE804 | 12.0 | 7 |
| C2017P4 | 6.3 | 6 | CE394 | 12.0 | 7 | CE588 | 6.3 | 7 | CE732 | 12.0 | 7 | CE808 | 6.3 | 6 |
| C2307P4 | 6.3 | 6 | CE398 | 6.3 | 7 | CE590 | 6.3 | 6 | CE733 | 12.6 | 7 | CE809 | 12.6 | 7 |
| CE14 | 6.3 | 6 | CE399 | 12.0 | 7 | CE596 | 12.6 | 35 | CE741 | 6.3 | 35 | CE810 | 12.0 | 7 |
| CE74 | 12.0 | 7 | CE435 | 6.3 | 6 | CE599 | 6.3 | 6 | CE743 | 11.0 | 7 | CE811 | 6.3 | 6 |
| CE104 | 6.3 | 7 | CE450 | 12.6 | 7 | CE601 | 6.3 | 35 | CE744 | 6.3 | 6 | CE814 | 12.0 | 7 |
| | | | CE453 | 12.0 | 7 | CE602 | 12.0 | 7 | CE745 | 12.0 | 7 | CE815 | 12.0 | 7 |

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CE816-M18JCB1WW

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
|-------|--------|----|-----------|--------|---------|----------|--------|-------|------------|--------|---------------|--------------|--------|----|
| CE816 | 6.3 | 6 | CE857 | 12.0 | 6 | CT532 | 12.0 | 7 | E2732 | 12.6 | 7 | E8471B39 | 6.3 | 34 |
| CE817 | 12.0 | 6 | CE858 | 12.0 | 7 | CT544 | 11.8 | 7 | E2733 | 12.0 | 7 | | | |
| CE818 | 6.3 | 35 | CE859 | 12.0 | 7 | CT555 | 12.0 | 7 | E2735 | 12.6 | 7 | ET44X100 * | 12.6 | 7 |
| CE819 | 6.3 | 6 | CE860 | 12.6 | 7 | CV6198 | 11.5 | 6 | E2740 ** | 12.0 | 7 | | | |
| CE820 | 6.3 | 6 | CE861 | 6.3 | 6 | | | | E2759 | 12.0 | 7 | H8200P4 | 6.3 | 6 |
| CE821 | 6.3 | 35 | CE862 | 12.0 | 7 | DA05-11 | 6.3 | 7 | E2763 | 12.0 | 7 | H8455 * | 12.6 | 7 |
| CE824 | 6.3 | 35 | CE865 | 12.0 | 7 | DA05-12 | 6.3 | 7 | E2765 | 12.0 | 7 | | | |
| CE825 | 6.3 | 6 | CE877 | 12.0 | 7 | | | | E2787 | 12.0 | 7 | M12P4TE | 6.3 | 7 |
| CE826 | 6.3 | 35 | CE882 ** | 6.3 | 6 | E2112 | 6.3 | 6 | E2791 | 6.3 | 6 | | | |
| CE827 | 12.0 | 6 | CE898 ** | 6.3 | 6 | E2116 | 11.0 | 7 | E2797 | 12.0 | 7 | M13EAWOGR | 11.0 | 7 |
| CE828 | 6.3 | 6 | CE899 | 6.3 | 7 | E2117A | 11.0 | 7 | E2799 | 12.0 | 7 | M13JEE5WW | 12.0 | 7 |
| CE829 | 6.3 | 6 | CE900 ** | 6.3 | 6 | E2148 | 11.0 | 7 | E2800 | 6.3 | 6 | M13JFL0GR | 12.0 | 7 |
| CE830 | 12.0 | 6 | CE901 ** | 6.3 | 6 | E2172 * | 11.0 | 7 | E2808 | 12.0 | 7 | | | |
| CE832 | 6.3 | 6 | CE903 ** | 6.3 | 6 | E2173 | 11.0 | 7 | E2809 | 6.3 | 6 | M14-100 | 11.0 | 7 |
| CE833 | 12.0 | 7 | CE907 | 6.3 | 6 | E2179 | 6.3 | 7 | E2815 | 6.3 | 6 | M14E8314GR | 11.0 | 7 |
| CE835 | 6.3 | 6 | CE925 ** | 6.3 | 6 | E2196 * | 11.0 | 7 | E2817 | 12.0 | 7 | M14JAT8WW | 12.0 | 7 |
| CE836 | 6.3 | 6 | CE945 ** | 6.3 | 6 | E2208 | 6.0 | 7 | E2819 | 12.0 | 7 | M14JDX5WW ** | 12.0 | 7 |
| CE837 | 12.0 | 7 | CE951 ** | 6.3 | 6 | E2210 ** | 6.0 | 7 | E2836 | 6.3 | 6 | M14JDX6WW | 12.0 | 7 |
| CE838 | 12.0 | 7 | | | E2211 | 6.3 | 7 | E2840 | 6.3 | 6 | M14JYS15WW ** | 12.0 | 7 | |
| CE839 | 6.3 | 6 | CPJ310N1U | 11.8 | 7 | E2241H | 12.0 | 7 | E2850 | 6.3 | 6 | | | |
| CE840 | 12.0 | 7 | CPJ310Z1U | 12.0 | 7 | E2273 | 12.0 | 7 | E2851 ** | 12.0 | 7 | M16JMS9WB | 6.3 | 30 |
| CE841 | 12.0 | 7 | | | E2277 * | 12.0 | 7 | E2856 | 6.3 | 6 | | | | |
| CE842 | 6.3 | 6 | CT450 | 12.6 | 7 | E2280 | 6.0 | 7 | E2871 | 12.0 | 7 | M17-10 | 11.5 | 6 |
| CE845 | 12.0 | 7 | CT468 | 12.6 | 7 | E2292 | 12.0 | 7 | E2903 | 6.3 | 6 | M17-12 | 6.3 | 6 |
| CE846 | 6.3 | 6 | CT480 | 12.0 | 7 | E2613 | 6.3 | 10 | E2904 | 6.3 | 6 | M17-15 | 11.5 | 6 |
| CE847 | 12.0 | 7 | CT488 | 12.6 | 6 | E2614 | 6.3 | 10 | E2933 | 6.3 | 6 | M17-18W | 11.0 | 7 |
| CE849 | 6.3 | 6 | CT490 | 12.6 | 7 | E2675 | 6.3 | 6 | E2934 | 6.3 | 6 | M17-121 | 6.3 | 6 |
| CE851 | 12.0 | 7 | CT500 | 12.0 | 7 | E2683 | 6.3 | 6 | | | | M17-140W | 6.3 | 6 |
| CE852 | 6.3 | 6 | CT503 | 11.0 | 7 | E2709 | 6.3 | 6 | E8010 ** | 6.3 | 6 | M17-141X | 6.3 | 6 |
| CE853 | 12.0 | 7 | CT507 | 12.0 | 7 | E2710 ** | 12.0 | 7 | E8066 ** | 6.3 | 6 | M17-152BE | 11.5 | 6 |
| CE854 | 6.3 | 6 | CT512R | 11.0 | 7 | E2719 | 12.6 | 7 | E8097 ** | 6.3 | 6 | | | |
| CE855 | 12.0 | 7 | CT513 | 12.0 | 7 | E2720 | 12.6 | 7 | E8207 ** | 6.3 | 6 | M18JCB0WW | 12.0 | 7 |
| CE856 | 12.0 | 7 | CT531 | 12.6 | 7 | E2728 | 12.0 | 7 | E8404 ** # | 6.3 | 3 | M18JCB1WW | 12.0 | 7 |

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
|---------------|--------|----|---------------|--------|---------------|---------------|--------|------------|---------------|--------|---------------|------------|--------|----|
| M18JCB5WW ** | 12.0 | 7 | | | | M28-11W | 11.5 | 6 | M30JNX3LA | 12.0 | 7 | M31-336 | 12.0 | 7 |
| M18JCB6LA ** | 12.0 | 7 | M23-17W | 12.0 | 7 | M28-12 | 11.0 | 7 | M30JNX8LA | 12.0 | 7 | M31-338 ** | 12.0 | 7 |
| M18JCB7WW ** | 12.0 | 7 | M23-110 | 11.0 | 7 | M28-13 | 11.5 | 6 | M30JNX10GR ** | 12.0 | 7 | M31-340 | 12.0 | 7 |
| M18JCB8WW ** | 12.0 | 7 | M23-111 | 11.0 | 7 | M28-131 | 11.5 | 6 | M30JNX39KN ** | 12.0 | 7 | M31-342 ** | 12.0 | 7 |
| M18JCB34GH ** | 12.0 | 7 | M23-112 | 11.0 | 7 | M28-132 | 11.5 | 6 | M30JQX20WW | 6.3 | 6 | M31-344 | 11.8 | 7 |
| M18JCW1GH | 12.0 | 7 | M23-113 | 11.0 | 7 | M28-133 | 11.5 | 6 | | | | M31-346 ** | 12.0 | 7 |
| | | | M23-114 | 11.0 | 7 | | | | M31-100 | 6.3 | 10 | M31-350 | 11.0 | 7 |
| M19-100 | 11.0 | 7 | M23-130GH | 6.3 | 6 | M29AFD00WZ | 12.0 | 7 | M31-101 | 6.3 | 10 | M31-354 ** | 12.0 | 7 |
| | | | M23-131 | 6.3 | 6 | M29AFD01WZ | 12.0 | 7 | M31-110 | 11.0 | 7 | M31-362 ** | 12.0 | 7 |
| M20EBA0WB | 6.3 | 6 | M23-190 | 11.0 | 7 | M29EAA0WW | 12.0 | 7 | M31-120 | 11.0 | 7 | M31-364 ** | 12.0 | 7 |
| M20EBA1WB | 6.3 | 6 | M23-290 | 6.3 | 6 | M29EAA2GH | 12.0 | 7 | M31-130W | 6.3 | 6 | | | |
| M20EAZ0BE ** | 6.3 | 6 | | | M29EAA2LM | 12.0 | 7 | M31-142 ** | 6.3 | 6 | M32AGR33WW ** | 12.0 | 7 | |
| M20EAZ0WB ** | 6.3 | 6 | M24-100W | 6.3 | 6 | M29EAA3LA | 12.0 | 7 | M31-150 ** | 6.3 | 6 | M32EAA0GH | 12.0 | 7 |
| | | | M24-120 | 6.3 | 6 | M29EAA4WW | 12.0 | 7 | M31-151 ** | 6.3 | 6 | M32EAA0GQ | 12.0 | 7 |
| M21-11W | 11.0 | 6 | M24-121 | 6.3 | 6 | M29EAB0GH | 12.0 | 7 | M31-182 | 6.3 | 6 | M32EAA0GR | 12.0 | 7 |
| M21-12W | 6.3 | 6 | M24-190 | 11.0 | 7 | M29EAB0WW | 12.0 | 7 | M31-184 | 6.3 | 6 | M32EAA0GZ | 12.0 | 7 |
| M21-13 | 11.5 | 6 | M24-192 | 11.0 | 7 | M29JCB05WW ** | 12.0 | 7 | M31-185 | 6.3 | 6 | M32EAA0LA | 12.0 | 7 |
| M21-14 | 6.3 | 10 | M24-290 | 6.3 | 6 | M29JCB07WW | 12.0 | 7 | M31-190 | 11.0 | 7 | M32EAA0WC | 12.0 | 7 |
| M21-15 | 6.3 | 6 | M24-300 | 11.0 | 7 | M29JCB10WY ** | 12.0 | 7 | M31-191 | 11.0 | 7 | M32EAA0WD | 12.0 | 7 |
| M21JGV35WZ ** | 12.0 | 7 | M24-301 | 11.0 | 7 | M29JCB30WY ** | 12.0 | 7 | M31-192 | 11.0 | 7 | M32EAA0WW | 12.0 | 7 |
| | | | M24-302 | 11.0 | 7 | M29JCB60WY ** | 12.0 | 7 | M31-210 | 6.3 | 6 | M32EAA1GH | 12.0 | 7 |
| M22E829 | 6.3 | 6 | M24-303 | 11.0 | 7 | M29JGV05WW ** | 12.0 | 7 | M31-212 | 11.0 | 7 | M32EAA1GQ | 12.0 | 7 |
| M22E8325P45 | 6.3 | 6 | M24-304 | 11.0 | 7 | M29JGV6GR | 12.0 | 7 | M31-213 | 11.0 | 7 | M32EAA1GR | 12.0 | 7 |
| M22E8327WB | 6.3 | 6 | M24-305 | 11.0 | 7 | M29JGV8GR | 12.0 | 7 | M31-290 | 6.3 | 6 | M32EAA1GZ | 12.0 | 7 |
| M22JEA5WW | 6.3 | 6 | M24-306 | 12.0 | 7 | M29JQM5WK | 12.0 | 7 | M31-320 | 6.3 | 6 | M32EAA1LA | 12.0 | 7 |
| M22JEA17WW ** | 6.3 | 6 | M24-307 | 12.0 | 7 | M29JQM6WK | 12.0 | 7 | M31-325 | 6.3 | 6 | M32EAA1WC | 12.0 | 7 |
| M22JGV35WK ** | 12.0 | 7 | M24-308 | 12.0 | 7 | M29JTH00W | 12.0 | 7 | M31-326 | 6.3 | 6 | M32EAA1WD | 12.0 | 7 |
| M22JNB0GH | 12.0 | 7 | M24-310 | 12.0 | 7 | | | | M31-330 | 11.0 | 7 | M32EAA1WW | 12.0 | 7 |
| M22JNB1GH ** | 12.0 | 7 | M24JCB00WW ** | 12.0 | 7 | M30AFD00WZ | 12.0 | 7 | M31-331 | 11.0 | 7 | M32EAA2GH | 12.0 | 7 |
| M22JPT0WW | 12.0 | 7 | M24JCB10WY | 12.0 | 7 | M30JCH3KD | 6.3 | 6 | M31-332 | 11.0 | 7 | M32EAA2GR | 12.0 | 7 |
| M22JPT1WW | 12.0 | 7 | M24JCB15WW | 12.0 | 7 | M30JHE3GH | 12.0 | 7 | M31-333 | 11.0 | 7 | M32EAA2LA | 12.0 | 7 |
| M22JPT3WW | 12.0 | 7 | M24JCB30WY ** | 12.0 | 7 | M30JTB8WW | 6.3 | 6 | M31-334 | 11.0 | 7 | M32EAA2WD | 12.0 | 7 |
| M22JPT15GH ** | 12.0 | 7 | | | M30JNX00GH ** | 12.0 | 7 | M31-335 | 12.0 | 7 | M32EAA2WW | 12.0 | 7 | |

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See Notes Inside Cover

M18JCB5WW -M32EAA2WW

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See Notes Inside Cover

M32EAA3GH -M51KMS005WW

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
|---------------|--------|----|----------------|--------|----|------------|--------|----|----------------|--------|----|----------------|--------|----|
| M32EAA3GH | 12.0 | 7 | M36-12 | 11.5 | 6 | M38-103 | 11.5 | 6 | M38-370R | 6.3 | 35 | M44-110 | 11.0 | 7 |
| M32EAA3GR | 12.0 | 7 | M36-15 | 6.3 | 6 | M38-104 | 11.5 | 6 | M38-370RP | 6.3 | 35 | M44-120 | 6.3 | 6 |
| M32EAA3LA | 12.0 | 7 | M36-16W | 11.0 | 6 | M38-105 | 11.5 | 6 | M38-390R | 6.3 | 35 | M44-123 ** | 6.3 | 6 |
| M32EAA3WD | 12.0 | 7 | M36-121 | 11.5 | 6 | M38-106 | 11.5 | 6 | M38-390RP | 6.3 | 35 | M44-124 ** | 6.3 | 6 |
| M32EAA3WW | 12.0 | 7 | M36-122 | 11.5 | 6 | M38-110 | 6.3 | 10 | M38JWF35WJ ** | 6.3 | 6 | M44-127 | 6.3 | 6 |
| M32EAA4WD | 12.0 | 7 | M36-141 | 6.3 | 10 | M38-111 | 6.3 | 6 | | | | M44-210 | 6.3 | 6 |
| M32JCB10WQ ** | 12.0 | 7 | M36-142 | 6.3 | 10 | M38-112 | 6.3 | 6 | M41ECGOGN ** | 6.3 | 6 | | | |
| M32JCB30WQ ** | 12.0 | 7 | M36-170 | 6.3 | 10 | M38-113 | 6.3 | 6 | M41ECGOWD ** | 6.3 | 6 | | | |
| M32JEA35WY ** | 6.3 | 6 | M36-180 | 6.3 | 10 | M38-120W | 6.3 | 6 | M41JCM0WW ** | 6.3 | 6 | M45JTP06WL ** | 6.3 | 6 |
| M32JFV0GR | 12.0 | 7 | M36JMU0WW | 6.3 | 6 | M38-121 | 6.3 | 6 | M41JLFOGA ** | 12.0 | 6 | M45JXE06WL ** | 6.3 | 6 |
| M32JTF09WW ** | 12.0 | 7 | M36JMV0WW ** | 6.3 | 6 | M38-122 | 6.3 | 6 | M41JLF5GA ** | 12.0 | 6 | M45JXE16WL ** | 6.3 | 6 |
| M32JTF15GH ** | 12.0 | 7 | M36JPN3YG ** | 12.0 | 6 | M38-123 ** | 6.3 | 6 | M41JNY5WW ** | 6.3 | 6 | M45JYG06WL ** | 6.3 | 6 |
| M32JTF30GH ** | 12.0 | 7 | M36JPN6WW ** | 12.0 | 6 | M38-126 ** | 6.3 | 6 | M41JPV16WW ** | 6.3 | 6 | M45JYH016WW ** | 6.3 | 6 |
| M32JTH00WW | 12.0 | 7 | M36JPV06WW ** | 6.3 | 6 | M38-127 ** | 6.3 | 6 | M41JPX00WW ** | 6.3 | 6 | M45JYH16WL ** | 6.3 | 6 |
| M32KPV232WZ | 12.0 | 7 | M36JPV5WW ** | 6.3 | 6 | M38-128 ** | 6.3 | 6 | M41JPY00WW ** | 12.0 | 6 | M45KEP06WL ** | 6.3 | 6 |
| | | | M36JRM05WK ** | 6.3 | 6 | M38-142 | 6.3 | 6 | M41JQN5WK ** | 12.0 | 6 | M45KKR016WL | 6.3 | 34 |
| M34JMH8WW * | 12.0 | 6 | M36JRM15WL ** | 6.3 | 6 | M38-210 | 6.3 | 6 | M41JQN6WK ** | 12.0 | 6 | | | |
| | | | M36JSJ16WL ** | 6.3 | 6 | M38-290 | 6.3 | 6 | M41JRM06WK ** | 6.3 | 6 | M47-17 | 6.3 | 6 |
| M35JCX0GH | 6.3 | 6 | M36JUT00WW ** | 6.3 | 6 | M38-312 | 6.3 | 6 | M41JRM16WK ** | 6.3 | 6 | M47-25 | 6.3 | 6 |
| M35JCY0GH | 6.3 | 6 | M36JU00WW ** | 12.0 | 6 | M38-313 | 6.3 | 6 | M41JSP15WL ** | 6.3 | 26 | M47JXT15WK ** | 6.3 | 6 |
| M35JH4GR | 6.3 | 6 | M36JUV00WW ** | 6.3 | 6 | M38-314 | 6.3 | 6 | M41JUT00WW ** | 6.3 | 6 | | | |
| M35JJA4GR | 6.3 | 26 | M36JXY15WW ** | 6.3 | 6 | M38-315 | 6.3 | 6 | M41JU00WW ** | 12.0 | 6 | M48JKE8WW # | 6.3 | 3 |
| M35JTB8LA | 6.3 | 6 | M36JXY35CA ** | 6.3 | 6 | M38-320 | 6.3 | 6 | M41JU00WW ** | 6.3 | 6 | M48JKE9WW # | 6.3 | 3 |
| M35JUT13WY | 6.3 | 6 | M36JXZ05WK ** | 6.3 | 6 | M38-327 | 6.3 | 6 | M41JXT15WK ** | 6.3 | 6 | M48JLM9WB # | 6.3 | 3 |
| M35JUT31LS | 6.3 | 6 | M36JXZ15WW ** | 6.3 | 6 | M38-328 | 6.3 | 6 | M41JXU15WK ** | 6.3 | 6 | | | |
| M35JUT32WL ** | 6.3 | 6 | M36JXZ039WW ** | 6.3 | 6 | M38-329 | 6.3 | 6 | M41JXZ016WW ** | 6.3 | 6 | M50-102W | 6.3 | 6 |
| M35JLE3GW | 6.3 | 6 | M36KNX005WS ** | 6.3 | 7 | M38-330 | 6.3 | 6 | M41JXZ16WW ** | 6.3 | 6 | M50-110 | 11.0 | 7 |
| M35JLE8GW | 6.3 | 6 | | | | M38-331 | 6.3 | 6 | M41JXZ236WY ** | 6.3 | 6 | M50-120 | 6.3 | 6 |
| M35JLG3GR | 12.0 | 6 | M37-110 | 11.0 | 7 | M38-332 ** | 6.3 | 6 | M41KAH06WL # | 6.3 | 34 | M50-210 | 6.3 | 6 |
| M35JTF17WJ | 12.0 | 7 | | | | M38-334 | 6.3 | 6 | | | | | | |
| M35JYF35WW | 6.3 | 6 | M38-100W | 11.5 | 6 | M38-336 ** | 6.3 | 6 | M43-12 | 11.5 | 6 | M51JPV005WZ ** | 6.3 | 6 |
| | | | M38-101 | 11.5 | 6 | M38-338 ** | 6.3 | 6 | M43-13 | 6.3 | 10 | M51KMR015WW | 6.3 | 34 |
| M36-11W | 11.0 | 6 | M38-102 | 11.5 | 6 | M38-342 ** | 6.3 | 6 | M43-150 | 6.3 | 10 | M51KMS005WW | 6.3 | 34 |

| Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR | Type | Heater | CR |
|-------------|--------|----|-----------|--------|----|------------|--------|----|-----------|--------|----|----------|--------|----|
| M59-25 | 6.3 | 6 | R12CP4 | 12.0 | 7 | R90CP4 | 12.0 | 7 | SC5595 | 12.6 | 7 | ST6118 | 6.3 | 6 |
| | | | R12DP4 | 12.0 | 7 | R90EP4 ** | 12.0 | 7 | SC5819-B | 6.3 | 35 | ST6124 | 6.3 | 6 |
| M61-120 | 6.3 | 6 | R12EP4 | 12.0 | 7 | | | | SC5902 | 6.3 | 6 | ST6127 | 6.3 | 6 |
| M61-210 | 6.3 | 6 | R12FP4 | 11.0 | 7 | R5109B4 | 12.0 | 7 | SC5904 | 6.3 | 6 | ST6132 | 12.0 | 7 |
| | | | R12GP4 | 11.0 | 7 | R5110B4 | 12.0 | 7 | SC5912B | 6.3 | 35 | ST6138 | 6.3 | 7 |
| M65-110 | 6.3 | 6 | R12HP4 | 11.0 | 7 | R5112B4 | 12.0 | 7 | SF17 | 2.68 | 9 | ST6139 | 12.6 | 6 |
| | | | R12JP4 | 12.0 | 7 | R5117B4 | 12.0 | 7 | SF21 | 2.34 | 9 | ST6140 | 6.3 | 6 |
| MI1011P4 ** | 12.0 | 7 | R12KP4 | 6.3 | 6 | R5119B4 | 12.0 | 7 | | | | ST6143 | 6.3 | 35 |
| MI1204P4 | 11.8 | 7 | R12SP4 | 12.0 | 7 | R5120B4 | 12.0 | 7 | ST4500 | 12.0 | 7 | ST6144 | 6.3 | 35 |
| MI1253P4 ** | 12.0 | 7 | | | | R5121B4 | 12.0 | 7 | ST4543 | 6.3 | 7 | ST6148C | 6.3 | 6 |
| MI1405P39AU | 12.0 | 7 | R14AP4 | 12.0 | 7 | R5122B4 | 12.0 | 7 | ST4716 | 6.3 | 7 | ST6149-B | 6.3 | 35 |
| MI-1230P4 | 12.0 | 7 | R14CP4 | 12.0 | 7 | R5123B4 | 12.0 | 7 | ST4730 | 6.3 | 6 | ST6152 | 12.0 | 7 |
| MN1011P4 ** | 12.0 | 7 | | | | R5124B4 | 12.0 | 7 | ST4748 | 6.3 | 7 | ST6153 | 6.3 | 6 |
| MN1204P4 | 11.8 | 7 | R15CP4 | 6.3 | 6 | R5125B4 | 12.0 | 7 | ST5427 ** | 6.3 | 6 | ST6158 | 6.3 | 6 |
| MN1253N1 ** | 12.0 | 7 | R15HP4 | 6.3 | 6 | R5126B4 | 12.0 | 7 | ST5440 | 12.0 | 7 | ST6162 | 6.3 | 6 |
| MN1253P4 ** | 12.0 | 7 | R30AP4 ** | 6.0 | 7 | R5127B4 | 11.0 | 7 | ST5448 | 12.6 | 7 | ST6165 | 6.3 | 6 |
| MN1405P4 ** | 12.0 | 7 | | | | R5130B4 | 12.0 | 7 | ST5449 | 6.3 | 6 | ST6168 | 12.0 | 7 |
| MN-1230P4 | 12.0 | 7 | R55AP4 | 12.0 | 7 | R5132B4 | 12.0 | 7 | ST5452 | 12.0 | 7 | ST6170 | 6.3 | 6 |
| MP1011P4 ** | 12.0 | 7 | R55BP4 | 12.0 | 7 | R5133B4 | 12.0 | 7 | ST5453 | 6.3 | 7 | ST6172 | 6.3 | 6 |
| MP1204P31 | 11.8 | 7 | R55CP4 | 12.0 | 7 | R5134B4 | 12.0 | 7 | ST5454 | 6.3 | 7 | ST6173 | 12.6 | 6 |
| MP1253P4 ** | 12.0 | 7 | R55DP4 | 12.0 | 7 | R5135B4 | 11.0 | 7 | ST5470 | 12.6 | 7 | ST6183 | 6.3 | 6 |
| MP1405P4 ** | 12.0 | 7 | R55EP4 | 12.0 | 7 | R5136B4 | 12.0 | 7 | ST5488 | 6.3 | 6 | ST6197 | 6.3 | 6 |
| MP-1230P4 | 12.0 | 7 | R55FP4 | 12.0 | 7 | R5137B4 | 12.0 | 7 | ST5490 | 6.3 | 6 | ST6198 | 6.3 | 6 |
| | | | R55VP4 ** | 12.0 | 7 | R5138B4 | 12.0 | 7 | ST5493 | 6.3 | 7 | ST6199 | 12.0 | 7 |
| | | | | | | R5141B4 | 12.0 | 7 | ST5494 | 12.6 | 7 | ST6600 | 12.0 | 7 |
| N-0859 | 12.6 | 6 | R60AP4 | 12.0 | 7 | R5143B4 | 12.0 | 7 | ST5495 | 6.3 | 7 | T31-14 * | 4.2 | 7 |
| R10AP4 | 12.0 | 7 | | | | R5146B4 | 11.0 | 7 | ST5497 | 12.0 | 7 | T40-06 * | 4.2 | 6 |
| R10BP4 ** | 12.0 | 7 | R75AP4 | 12.0 | 7 | R5147B4 | 12.0 | 7 | ST5904 | 6.3 | 6 | T40-21 * | 4.2 | 7 |
| R10CP4 | 12.0 | 7 | R75BP4 | 12.0 | 7 | R6301B4 | 6.3 | 6 | ST6105 | 12.0 | 7 | T47-08 * | 6.3 | 6 |
| R10DP4 | 12.0 | 7 | R75DP4 ** | 12.0 | 7 | R5303B4 | 6.3 | 6 | ST6107 | 12.0 | 7 | T47-11 * | 4.2 | 6 |
| | | | | | | R5305B4 | 6.3 | 6 | ST6111 | 12.6 | 7 | T47-16 * | 4.2 | 6 |
| R12AP4 | 12.0 | 7 | R80AP4 | 12.0 | 7 | | | | ST6122 | 12.6 | 7 | | | |
| R12BP4 | 12.0 | 7 | R90AP4 | 12.0 | 7 | SA5A2PSA43 | 12.6 | 7 | ST6112B | 12.6 | 6 | | | |
| | | | R90BP4 | 12.0 | 7 | | | | | | | | | |

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M59-25-T47-16

| Type | Heater | CR |
|------|--------|----|------|--------|----|------|--------|----|------|--------|----|------|--------|----|
|------|--------|----|------|--------|----|------|--------|----|------|--------|----|------|--------|----|

MODELS 490 AND 467 SIMPLIFIED TEST PROCEDURE

STEP 1 SET-UP

Set all controls fully counterclockwise and G2 switch (upper left) to NORM. Find proper adapter and heater voltage in SET-UP CHART. Select HTR RANGE. Plug in the tube and power cord. Rotate FUNCTION switch to SET-UP. Adjust SET HTR to read specified HTR VOLTS. Set G1 voltage to 50 volts unless there is * in SET-UP CHART. Check LEAKAGE lamps. Lamps will glow if leakage is excessive. H-K leakage cannot be repaired; use isolation transformer. For G1-K leakage proceed to RESTORE—(A)

STEP 2 SET CUTOFF

Rotate FUNCTION switch to SET CUTOFF position. Meters may read zero or slightly above or below zero. Adjust each G2 control to ADD ONE DIVISION to reading of corresponding meter. Use Red G2 control for black and white tubes. If max G2 does not raise pointer place G2 switch in HIGH position.

STEP 3 TEST

Rotate FUNCTION switch to TEST position.

1. EMISSION: If all guns read in GOOD region, emission is OK. If any gun reads BAD, proceed to RESTORE—(C).
2. TRACKING: Push and hold TRACKING button and adjust TRACKING control to set highest gun at SET TRACKING mark on meter. Tracking is OK if other two guns read in yellow area. Release button to return to emission test. If tracking is bad, proceed to RESTORE—(B).
3. LIFE: Observe emission levels. Push and hold LIFE button until readings stabilize. The less emission drops, the longer the life expectancy. The stabilized readings should remain in the GOOD region to assure customer satisfaction. If any gun indicates BAD during LIFE test, proceed to RESTORE—(B).
4. FOCUS: Push FOCUS test button. FOCUS OK lamp will glow if connection is good. Open focus connection cannot be repaired.

RESTORING THE PICTURE TUBE

RESTORE

A—REMOVE SHORTS

1. If G1-K leakage is indicated in STEP 1 but G1-K SHORT lamp does not light with FUNCTION switch in RESTORE position, follow STEP B—CLEAN•BALANCE.
2. If G1-K SHORT lamp lights when FUNCTION switch is in RESTORE position, press REMOVE SHORTS button and release. Lamp will no longer glow if short is removed. Several operations may be necessary. Wait about 5 seconds between operations. Repeat STEP 2 and STEP 3 after short is removed.

B—CLEAN•BALANCE

1. Select gun to be restored when:
 - G1-K LEAKAGE is indicated in STEP 1 but G1-K SHORTS lamp does not glow in RESTORE position.
 - Emission GOOD but too low to track with other guns.
 - Emission BAD in LIFE test.
2. Set FUNCTION switch to RESTORE.
3. Place REJUVENATE/CLEAN•BALANCE switch to CLEAN•BALANCE. Wait 20 seconds.
4. Push RESTORE button below meter for gun selected. Pointer will rise immediately. Hold button until pointer begins to fall. Release button when pointer falls to .2. NOTE: If pointer does not continue to fall observe the G1-K SHORTS lamp. If it glows, remove short before proceeding.

5. Return to TEST. Wait for readings to stabilize. Repeat STEP 2 and STEP 3.

6. Repeat procedure if further improvement is required. If still unsuccessful proceed to STEP C—REJUVENATE.

C—REJUVENATE

1. Select gun to be restored when:
 - Emission is in BAD region.
 - TRACKING or LIFE cannot be improved by CLEAN•BALANCE.
2. Set FUNCTION switch to RESTORE.
3. Place REJUVENATE/CLEAN•BALANCE switch to REJUVENATE. Wait 20 seconds.
4. Push RESTORE button directly under meter of lowest emission gun. Pointer will immediately rise. Hold button until pointer begins to fall. Release immediately when pointer reaches .5 (bad area). NOTE: If pointer does not continue to fall, observe the G1-K SHORT lamp. If it glows, remove short before proceeding.
5. Return to TEST. Wait for readings to stabilize. Repeat STEP 2 and STEP 3. If emission is now GOOD but further improvement of any gun is required for TRACKING or LIFE use, CLEAN•BALANCE. If emission is still BAD repeat REJUVENATE.

CONDENSED INSTRUCTIONS

MODELS 480 AND 470 SIMPLIFIED TEST PROCEDURE

STEP 1 SET-UP

Set all controls fully counterclockwise. Find proper adapter and heater voltage in SET-UP CHART. Select HTR RANGE. Plug in tube and power cord. Rotate FUNCTION switch to SET HEATER. Adjust HEATER control until meter reads voltage specified in SET-UP CHART.

STEP 2 LEAKAGE

- A— Rotate FUNCTION switch to HTR LEAKAGE. Meter reading anywhere in YELLOW area of meter scale is acceptable. Turn GUN SELECTOR to test all guns. Excessive H-K leakage cannot be repaired; use isolation transformer.
- B— Rotate FUNCTION switch to G1 LEAKAGE. Meter reading anywhere in YELLOW area of meter scale is acceptable. Turn GUN SELECTOR switch to test all guns. For excessive leakage proceed to RESTORE—A.

STEP 3 SET G1 BIAS

Rotate FUNCTION switch to SET G1 voltage. Set G1 bias to 50V unless there is a * in SET-UP CHART.

STEP 4 SET CUTOFF

Rotate FUNCTION switch to SET CUTOFF VOLTAGE. Adjust each G2 control until meter rises ONE DIVISION. Use GUN SELECTOR switch and corresponding G2 control with color tubes.

STEP 5 TEST

Rotate FUNCTION switch to READ EMISSION. Emission is okay if meter reads in GOOD region. Use GUN SELECTOR switch for other guns. If any gun reads BAD, proceed to RESTORE—C. Rotate FUNCTION switch to SET TRACKING. Use GUN SELECTOR switch to select highest reading gun. Adjust TRACKING control to make meter read at SET TRACKING mark on meter scale. Tracking is okay if other guns read in YELLOW area on meter scale. If tracking is BAD, proceed to RESTORE—B.

RESTORING THE PICTURE TUBE

RESTORE

A—REMOVE SHORTS— Rotate FUNCTION switch to REMOVE SHORTS.

1. If G1 leakage in STEP 2-B reads full scale or higher.
 - A. Set GUN SELECTOR to shorted gun.
 - B. Press and hold pushbutton for 2 seconds.
 - C. Rotate FUNCTION switch to G1 LEAKAGE and observe if short is removed. Several operations may be necessary.

B—CLEAN•BALANCE

1. Select gun to be cleaned when:
 - Excessive G1 leakage is indicated in STEP 2 but meter does not read full scale.
 - Emission GOOD but too low to track with other guns.
2. Rotate FUNCTION switch to CLEAN•BALANCE. Wait 20 seconds.
3. Select gun to be cleaned, press and hold pushbutton. Meter will rise immediately. Release pushbutton when meter falls into bad area. Note: If pointer does not fall, release button and check for G1-K short, STEP 2—B.

4. Return to READ EMISSION. Wait for reading to stabilize. Check all guns. Repeat STEP 4 and STEP 5.

5. Repeat procedure if further improvement is required. If still unsuccessful proceed to C—REJUVENATE.

C—REJUVENATE

1. Select gun to be restored when:
 - Emission is in BAD region.
 - TRACKING cannot be corrected by CLEAN•BALANCE.
2. Rotate FUNCTION switch to REJUVENATE. Wait 20 seconds.
3. Select gun to be restored. Press and hold pushbutton. Meter will rise immediately. Release pushbutton when meter falls into bad area. Note: If pointer does not fall release button and check for G1-K short, STEP 2—B.
4. Return to READ EMISSION. Wait for readings to stabilize. Check all guns. Repeat STEP 4 AND STEP 5. If emission is now GOOD, but further improvement of any gun is required for TRACKING, use CLEAN•BALANCE. If emission is still BAD, repeat REJUVENATE.



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497-022-1-196

Printed in U.S.A.