

Tempra® & Tempra® Plus Technical Data

| Tempra® Model | | 12/12 Plus | | 15/15 Plus | | 20/20 Plus | | 24/24 Plus | | 29 P |
|------------------------------------|------------|-----------------|-----|-----------------|-------|-----------------|-------|-----------------|-------|------------|
| Item Number | | 223420 / 224196 | | 223421 / 224197 | | 223422 / 224198 | | 223424 / 224199 | | 223425 |
| Phase | | single | | 2 x single | | 2 x single | | 2 x single | | 3 x single |
| Voltage | V | 208 | 240 | 208 | 240 | 208 | 240 | 208 | 240 | 208 |
| Wattage | kW | 9 | 12 | 10.8 | 14.4 | 14.4 | 19.2 | 18 | 24 | 21.6 |
| Amperage | A | 44 | 50 | 2x26 | 2x30 | 2x35 | 2x40 | 2x44 | 2x50 | 3x35 |
| Min. required circuit breaker size | A | 60 | 60 | 2x40 | 2x40 | 2x50 | 2x50 | 2x60 | 2x60 | 3x50 |
| Recommended wire size | AWG COPPER | 6 | 6 | 2 x 8 | 2 x 8 | 2 x 8 | 2 x 8 | 2 x 6 | 2 x 6 | 3 x 8 |
| Maximum temp. increase | @1.50 GPM | 41 | 54 | 49 | 65 | 66 | 88 | 82 | 92 | 92 |
| above ambient water temp. | @2.25 GPM | 27 | 36 | 37 | 43 | 44 | 58 | 54 | 73 | 66 |
| | @3.00 GPM | 20 | 27 | 25 | 33 | 33 | 44 | 41 | 54 | 49 |
| | @4.50 GPM | - | - | - | - | 22 | 29 | 27 | 37 | 33 |
| Min. water flow to activate unit | GPM / Lmin | 0.37 / 1.4 | | 0.58 / 2.2 | | 0.58 / 2.2 | | 0.58 / 2.2 | | 0.87 / 3. |
| Weight | Lb / Kg | 13.2 / 6.1 | | 15.4 / 7.3 | | 15.4 / 7.3 | | 15.4 / 7.3 | | 17.6 / 8. |
| Nominal water volume | Gal / L | 0.13 / 0.5 | | 0.26 / 1.0 | | 0.26 / 1.0 | | 0.26 / 1.0 | | 0.39 / 1. |
| Width | inch / cm | 16 5/8 (42.0) | | | | | | | | |
| Height | inch / cm | 14 1/2 (36.8) | | | | | | | | |
| Depth | inch / cm | 4 5/8 (11.7) | | | | | | | | |
| Working pressure | PSI / BAR | 150 / 10 | | | | | | | | |
| Tested to pressure | PSI / BAR | 300 / 20 | | | | | | | | |
| Water connections | | 3 / 4" NPT | | | | | | | | |

* Suitable for supply with up to 131° F / 55° C

* Tankless water heaters are considered a non-continuous load

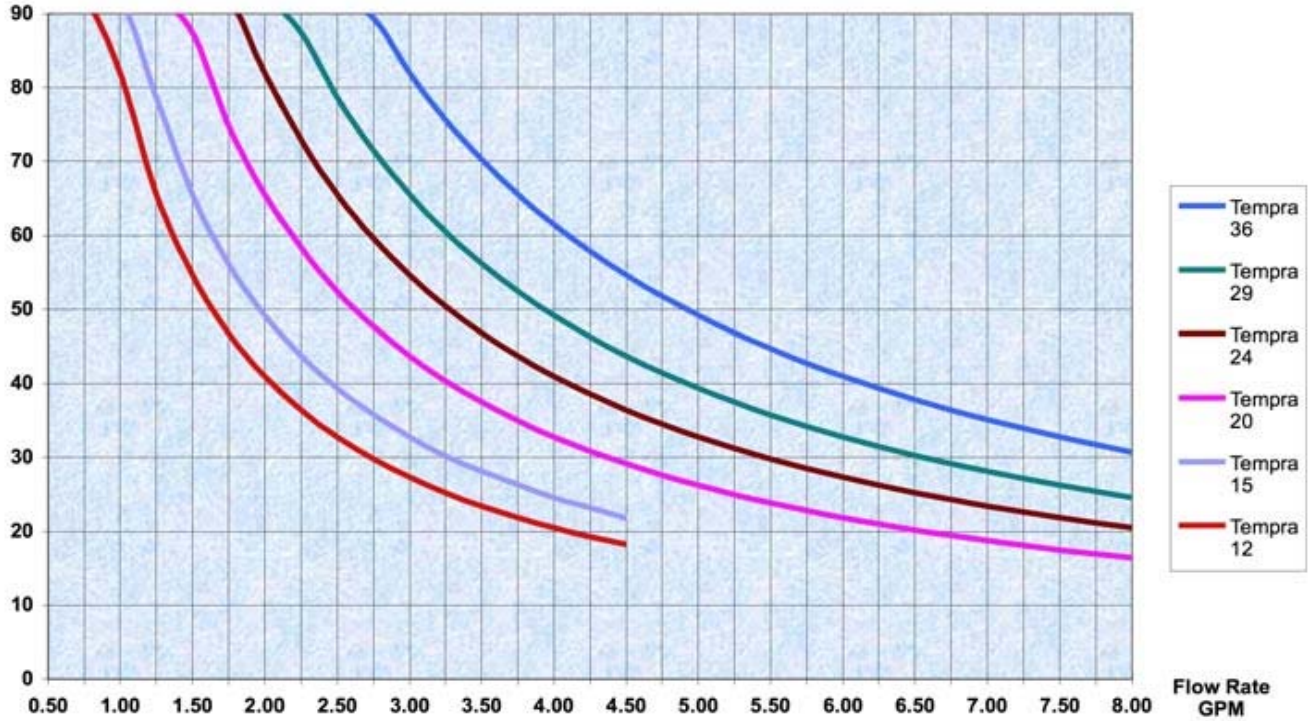
* Conductors should be sized to maintain a voltage drop of less than 3% under load

** Tempra® 36 requires a 300A minimum electrical service

Temp Rise °F

Temperature Rise °F @ 240 V versus Flow Rate GPM

Maximum temperature increase above ambient water temperature (°F)



TESTED TO ANSI/UL-499

ISO 9001
CERTIFIED



TESTED TO CAN/CSA C22.2 NO.36

Three year limited warranty.

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