



**Model V2020W-P (Propane)
Residential Water Heater
Hot Water Flow Curves**



| SPECIFICATIONS | |
|---|--|
| Maximum/Minimum gas rate (Input BTU's) | 150,000 BTU's - 20,200 BTU's |
| Energy Factor (EF) | 0.84 |
| Hot water capacity range | 0.7 to 5.3 GPM |
| Maximum hot water capacity, (35°F rise) | 5.3 GPM (318 GPH) |
| Maximum hot water capacity, (77°F rise) | 3.3 GPM (198 GPH) |
| Maximum hot water capacity, (90°F rise) | 2.8 GPM (168 GPH) |
| NOx Emissions (at 3% O ₂) | less than 40 ppm |
| Set point temperature (without remote) | Factory setting - 120°F |
| Temperature range with remote keypads connected | MC controller: 96 - 140°F BC and BSC controller: 96 - 120°F |

| Temperature Rise (°F) | V2020W (Propane) Water Heaters – Manifold Installations | | | | |
|-----------------------|---|---------|---------|---------|---------|
| | 1 Unit | 2 Units | 3 Units | 4 Units | 5 Units |
| 140 | 1.8 | 3.6 | 5.4 | 7.2 | 9.0 |
| 135 | 1.9 | 3.7 | 5.6 | 7.5 | 9.3 |
| 130 | 1.9 | 3.9 | 5.8 | 7.8 | 9.7 |
| 125 | 2.0 | 4.0 | 6.0 | 8.1 | 10.1 |
| 120 | 2.1 | 4.2 | 6.3 | 8.4 | 10.5 |
| 115 | 2.2 | 4.4 | 6.6 | 8.8 | 11.0 |
| 110 | 2.3 | 4.6 | 6.9 | 9.2 | 11.5 |
| 105 | 2.4 | 4.8 | 7.2 | 9.6 | 12.0 |
| 100 | 2.5 | 5.0 | 7.6 | 10.1 | 12.6 |
| 95 | 2.7 | 5.3 | 8.0 | 10.6 | 13.3 |
| 90 | 2.8 | 5.6 | 8.4 | 11.2 | 14.0 |
| 85 | 3.0 | 5.9 | 8.9 | 11.9 | 14.8 |
| 80 | 3.2 | 6.3 | 9.5 | 12.6 | 15.8 |
| 75 | 3.4 | 6.7 | 10.1 | 13.4 | 16.8 |
| 70 | 3.6 | 7.2 | 10.8 | 14.4 | 18.0 |
| 65 | 3.9 | 7.8 | 11.6 | 15.5 | 19.4 |
| 60 | 4.2 | 8.4 | 12.6 | 16.8 | 21.0 |
| 55 | 4.6 | 9.2 | 13.7 | 18.3 | 22.9 |
| 50 | 5.0 | 10.1 | 15.1 | 20.2 | 25.2 |
| 45 | 5.3 | 10.6 | 15.9 | 21.2 | 26.5 |
| 40 | 5.3 | 10.6 | 15.9 | 21.2 | 26.5 |
| 35 | 5.3 | 10.6 | 15.9 | 21.2 | 26.5 |
| 30 | 5.3 | 10.6 | 15.9 | 21.2 | 26.5 |
| 25 | 5.3 | 10.6 | 15.9 | 21.2 | 26.5 |
| 20 | 5.3 | 10.6 | 15.9 | 21.2 | 26.5 |
| 15 | 5.3 | 10.6 | 15.9 | 21.2 | 26.5 |
| 10 | 5.3 | 10.6 | 15.9 | 21.2 | 26.5 |

