



**Model V1616W-P (Propane)
Residential Water Heater
Hot Water Flow Curves**



SPECIFICATIONS	
Maximum/Minimum gas rate (Input BTU's)	120,000 BTU's - 17,700 BTU's
Energy Factor (EF)	0.82
Hot water capacity range	0.6 to 4.2 GPM
Maximum hot water capacity, (35°F rise)	4.2 GPM (252 GPH)
Maximum hot water capacity, (77°F rise)	2.6 GPM (156 GPH)
Maximum hot water capacity, (90°F rise)	2.2 GPM (132 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	1.4	2.8	4.2	5.6	7.0
135	1.5	2.9	4.4	5.8	7.3
130	1.5	3.0	4.5	6.1	7.6
125	1.6	3.1	4.7	6.3	7.9
120	1.6	3.3	4.9	6.6	8.2
115	1.7	3.4	5.1	6.8	8.6
110	1.8	3.6	5.4	7.2	8.9
105	1.9	3.7	5.6	7.5	9.4
100	2.0	3.9	5.9	7.9	9.8
95	2.1	4.1	6.2	8.3	10.4
90	2.2	4.4	6.6	8.7	10.9
85	2.3	4.6	6.9	9.3	11.6
80	2.5	4.9	7.4	9.8	12.3
75	2.6	5.2	7.9	10.5	13.1
70	2.8	5.6	8.4	11.2	14.1
65	3.0	6.1	9.1	12.1	15.1
60	3.3	6.6	9.8	13.1	16.4
55	3.6	7.2	10.7	14.3	17.9
50	3.9	7.9	11.8	15.7	19.7
45	4.2	8.4	12.6	16.8	21.0
40	4.2	8.4	12.6	16.8	21.0
35	4.2	8.4	12.6	16.8	21.0
30	4.2	8.4	12.6	16.8	21.0
25	4.2	8.4	12.6	16.8	21.0
20	4.2	8.4	12.6	16.8	21.0
15	4.2	8.4	12.6	16.8	21.0
10	4.2	8.4	12.6	16.8	21.0

