



**Model V2020W-N (Natural Gas)
Residential Water Heater
Hot Water Flow Curves**



SPECIFICATIONS	
Maximum/Minimum gas rate (Input BTU's)	150,000 BTU's - 19,000 BTU's
Energy Factor (EF)	0.82
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)	3.2 GPM (192 GPH)
Maximum hot water capacity, (90°F rise)	2.7 GPM (162 GPH)
NO _x 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 (Natural Gas) Water Heaters – Manifold Installations				
	1 Unit	2 Units	3 Units	4 Units	5 Units
140	1.8	3.5	5.3	7.0	8.8
135	1.8	3.6	5.5	7.3	9.1
130	1.9	3.8	5.7	7.6	9.5
125	2.0	3.9	5.9	7.9	9.8
120	2.1	4.1	6.2	8.2	10.3
115	2.1	4.3	6.4	8.6	10.7
110	2.2	4.5	6.7	8.9	11.2
105	2.3	4.7	7.0	9.4	11.7
100	2.5	4.9	7.4	9.8	12.3
95	2.6	5.2	7.8	10.4	12.9
90	2.7	5.5	8.2	10.9	13.7
85	2.9	5.8	8.7	11.6	14.5
80	3.1	6.2	9.2	12.3	15.4
75	3.3	6.6	9.8	13.1	16.4
70	3.5	7.0	10.5	14.1	17.6
65	3.8	7.6	11.4	15.1	18.9
60	4.1	8.2	12.3	16.4	20.5
55	4.5	8.9	13.4	17.9	22.4
50	4.9	9.8	14.8	19.7	24.6
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

