



**Model V2520FFU-N (Natural Gas)
Residential Water Heater
Hot Water Flow Curves**



SPECIFICATIONS	
Maximum/Minimum gas rate (Input BTU's)	180,000 BTU's - 15,000 BTU's
Energy Factor (EF)	0.82
Hot water capacity range	0.6 to 5.3 GPM
Maximum hot water capacity, (35°F rise)	5.3 GPM (318 GPH)
Maximum hot water capacity, (77°F rise)	3.8 GPM (228 GPH)
Maximum hot water capacity, (90°F rise)	3.3 GPM (198 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 BC and BSC controller: 96-120

Temperature Rise (°F)	V2520FFU (Natural Gas) Water Heaters – Manifold Installations				
	1 Unit	2 Units	3 Units	4 Units	5 Units
140	2.1	4.2	6.3	8.4	10.5
135	2.2	4.4	6.6	8.7	10.9
130	2.3	4.5	6.8	9.1	11.4
125	2.4	4.7	7.1	9.4	11.8
120	2.5	4.9	7.4	9.8	12.3
115	2.6	5.1	7.7	10.3	12.8
110	2.7	5.4	8.1	10.7	13.4
105	2.8	5.6	8.4	11.2	14.1
100	3.0	5.9	8.9	11.8	14.8
95	3.1	6.2	9.3	12.4	15.5
90	3.3	6.6	9.8	13.1	16.4
85	3.5	6.9	10.4	13.9	17.4
80	3.7	7.4	11.1	14.8	18.5
75	3.9	7.9	11.8	15.7	19.7
70	4.2	8.4	12.7	16.9	21.1
65	4.5	9.1	13.6	18.2	22.7
60	4.9	9.8	14.8	19.7	24.6
55	5.3	10.6	15.9	21.2	26.5
50	5.3	10.6	15.9	21.2	26.5
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

