



**Model V2520FFU-P (Propane)  
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)	0.87
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)	4.1 GPM (246 GPH)
Maximum hot water capacity, (90°F rise)	3.5 GPM (210 GPH)
NOx Emissions (at 3% O <sub>2</sub> )	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 (Propane) Water Heaters – Manifold Installations				
	1 Unit	2 Units	3 Units	4 Units	5 Units
140	2.2	4.5	6.7	8.9	11.2
135	2.3	4.6	7.0	9.3	11.6
130	2.4	4.8	7.2	9.6	12.0
125	2.5	5.0	7.5	10.0	12.5
120	2.6	5.2	7.8	10.4	13.1
115	2.7	5.4	8.2	10.9	13.6
110	2.8	5.7	8.5	11.4	14.2
105	3.0	6.0	8.9	11.9	14.9
100	3.1	6.3	9.4	12.5	15.7
95	3.3	6.6	9.9	13.2	16.5
90	3.5	7.0	10.4	13.9	17.4
85	3.7	7.4	11.1	14.7	18.4
80	3.9	7.8	11.7	15.7	19.6
75	4.2	8.4	12.5	16.7	20.9
70	4.5	8.9	13.4	17.9	22.4
65	4.8	9.6	14.5	19.3	24.1
60	5.2	10.4	15.7	20.9	26.1
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

