



Suggested Pipe Sizing for FC85 to storage tank connections. Assumes 15' connection max on inlet and outlet (i.e. 30' total) with normal fittings.

Heater Model	Pipe Size (NPS)
Each FC85-200/400	1.5" Individual
Common 2 X FC85	2.5" Common

Adjustment procedure to maintain 120°F Inlet temperature.

1. Set control temperature to 120°F. Open valves A and B and turn on water heater. Do not draw hot water from the system. Wait until T3 approaches 110 F. Proceed to #2.
2. If T1 is less than 120F, slowly close valve B until T1 climbs to 120F.
3. If T1 is greater than 120F, slowly close valve A until T1 drops to 120F.
4. Check difference in temperature between T2 and T1. Match to figure 9. Make final adjustments.

Water Heater Flow Rates and Temperature Rises

Size	Hard Water		Normal Water	
	Flow GPM	Temperature Rise °F	Flow GPM	Temperature Rise °F
200	45	8	35	10
300	45	11	35	15
400	45	15	35	19



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