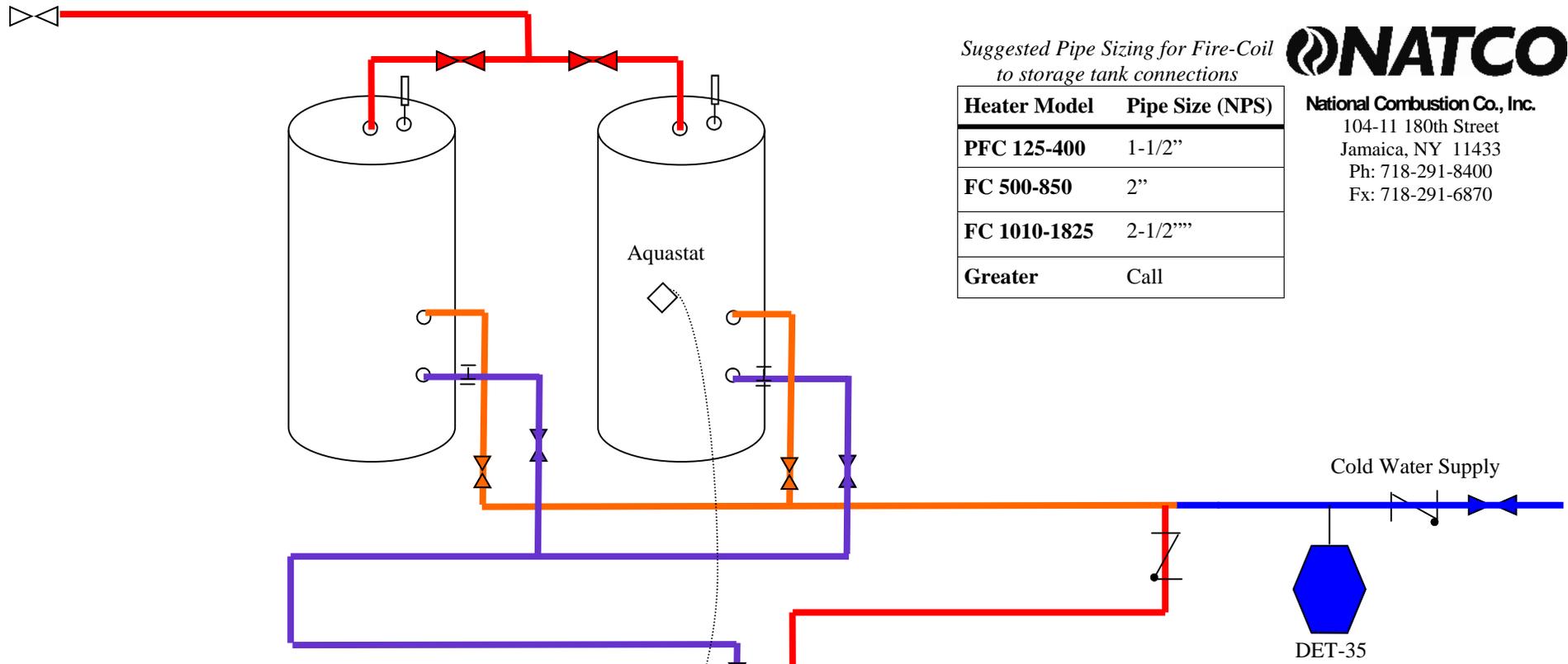


To Building DHW Supply



Suggested Pipe Sizing for Fire-Coil to storage tank connections

Heater Model	Pipe Size (NPS)
PFC 125-400	1-1/2"
FC 500-850	2"
FC 1010-1825	2-1/2"
Greater	Call



National Combustion Co., Inc.
 104-11 180th Street
 Jamaica, NY 11433
 Ph: 718-291-8400
 Fx: 718-291-6870

Legend

-  Ball Valve
-  Circulating Pump
-  125 PSI Relief Valve
-  Expansion Tank
-  Check Valve
-  Drain Valve
-  Thermometer

DRAWING: FC1ST2 REVERSE

1 Fire Coil, 2 Storage Tanks, Reverse Supply

Notes:

1. This drawing shows suggested piping configuration. Check local codes and ordinances for additional requirements.
2. Back flow preventer may be required. Check local codes.
3. Thermal expansion tanks are required. Contact NATCO for advice.
4. Additional ball-valves, drain valves, and unions should be used for ease of maintenance (i.e. to isolate and/or drain, heaters, tanks, and pumps).
5. Suggested pipe size must be used throughout, with bushings used to meet connections as necessary. Supply and return pipe diameter must be the same.