

Save Time

Installation labor is minimal because they are pre-assembled modules to facilitate the installation of mixed circuit heating solutions for small to large central boiler projects.

Save Energy

The hydraulic separation features of our modules allow heated water the time to give up more BTUs before returning to the heat source eliminating cycles and increasing boiler delta T performance.

Save Space

Through a high degree of integration these compact modules require little space in the mechanical room and thus can be integrated into any project.



#450057



#450027



#450085

PROMIX APPLICATIONS:

- Zone pumping
- Single mixing
- Multiple mixing
- Boiler control
- Boiler Staging
- Multiple water temperatures
- Domestic hot water
- Snow Melting
- Solar
- Ground water heat pumps
- High temperature injection mixing for remote low temperature zones

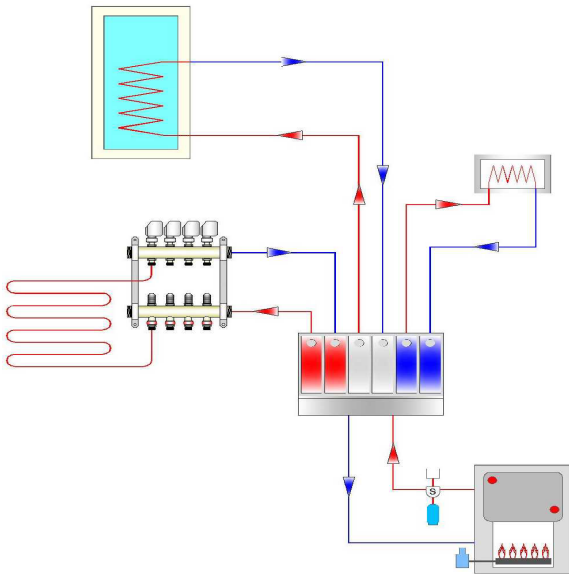
PROMIX FEATURES:

- Ball valves with integrated thermometers
- Gravity flow stop
- Remote sensing probe
- 3-way mixing valve (450057)
- Bypass pressure relief valve
- 1 1/4" NPT outlet connections
- 1 1/2" BSP male header connections
- 450027 (2) and 450028 (3) circuit header module designs
- All modules and headers come insulated

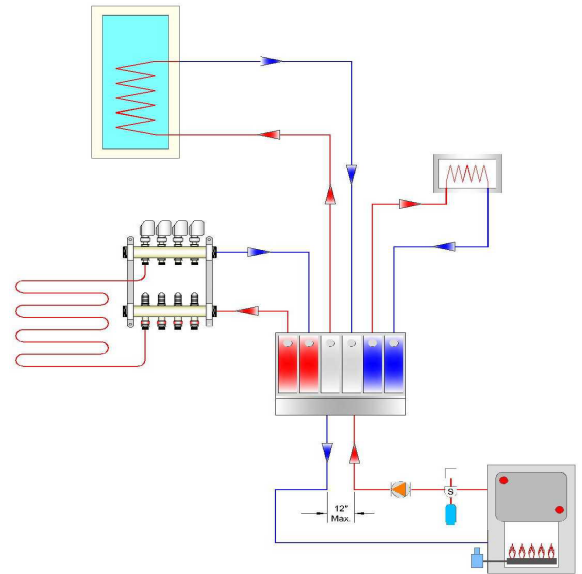


Note: ProMix 450057 and 450085 are sold less pump. ProMix 451558 pump works with both models.

#1: Boiler module as primary boiler loop circulator



#2: Boiler module and primary/ secondary pump circuit



AquaHeat ProMix modules during installation



Commercial installation Minnesota



Concrete Home Naperville Illinois



Commercial installation Minnesota

Materials

Fittings	Hot-pressed brass, Ms58
Pipe systems	Precision pipes
Heat insulation cladding	EPP – with patented snap seam fitting
Grips	Glass fibre-reinforced and temperature-resistant plastic
O-ring seals	EPDM elastomers
Flat seals	AFM 34 or EPDM elastomers
Ball seats	PTFE (Teflon)

ProMix Boiler Module Type	#450085 Non Mixing Boiler Module	#45057 Mixing Boiler Module	#450028 Mixing Boiler Module
Max. operating temperature	230°F	230°F	230°F
Min. operating temperature	4°F	4°F	+59°F
Max. operating pressure	147 psi	147 psi	147 psi
Max. capacity	85K BTU/h	57K BTU/h	
Voltage	24v-ac		
Weight (weight incl. avg. pump weight)	8.5 (~17.0) lbs	11 (~19.0) lbs	20.3 lbs