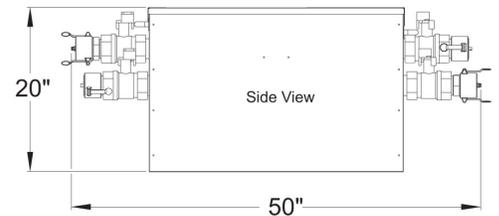
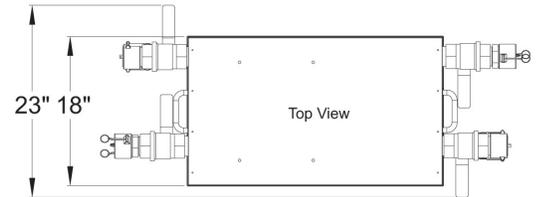


# Mixing/Booster

MB100



## Features:

### Low Temperature Control

Low temperature applications, such as concrete curing, may require a lower fluid temperature than the central heating module water heater can safely provide.

By inserting the mixing/booster into the central heating module circulation loop, its mixing and tempering function will deliver and automatically maintain the lower temperature fluid required (ie: 70°F, 21°C)

### Dual Temperature Control

A central heating module circulation loop can be teed off and split into two circulation loops to provide dual function application.

One loop can be delivering high temperature fluid (ie: 180°F, 82°C) to portable heat exchangers being utilized for structure heating applications.

The other loop, with the mixing booster inserted can provide and maintain low temperature fluid (ie: 70°F, 21°C), for concrete cure applications.

### Pressure & Flow Boost

The mixing/booster can also be used to boost flow and increase the pumping distances in a fluid circulation system. The mixing/booster can be positioned where flow and pressure increases are required. This may be as much as 300 ft. (91m) up-stream from the central heating module or another, "mixing/booster".

## Specifications:

- Electrical..... 115V, single phase, 15A the power supply cord should be a minimum of 14 gauge. If the cord length exceeds 75 ft. (23m), a 12 gauge supply cord must be utilized.
- Pump..... Goulds - 1hp, .75KW (0.75LW)
- Controls & Monitoring.... Aquastat (temperature set)
  - ..... Supply and return temperature gauges
  - ..... Pump control switch (on/off)
  - ..... Modulating/Mixing Valve

- Fluid Circulation..... can be inserted into a central heating module circulation loop.
  - ..... Two 'supply' and two 'return' couplers
  - ..... 2" (50mm) Kamlock quick couplers & ball valves
- Shipping Weight..... 105lbs (48Kg)

