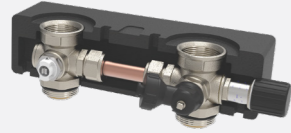


### Pressure Differential Bypass Valve

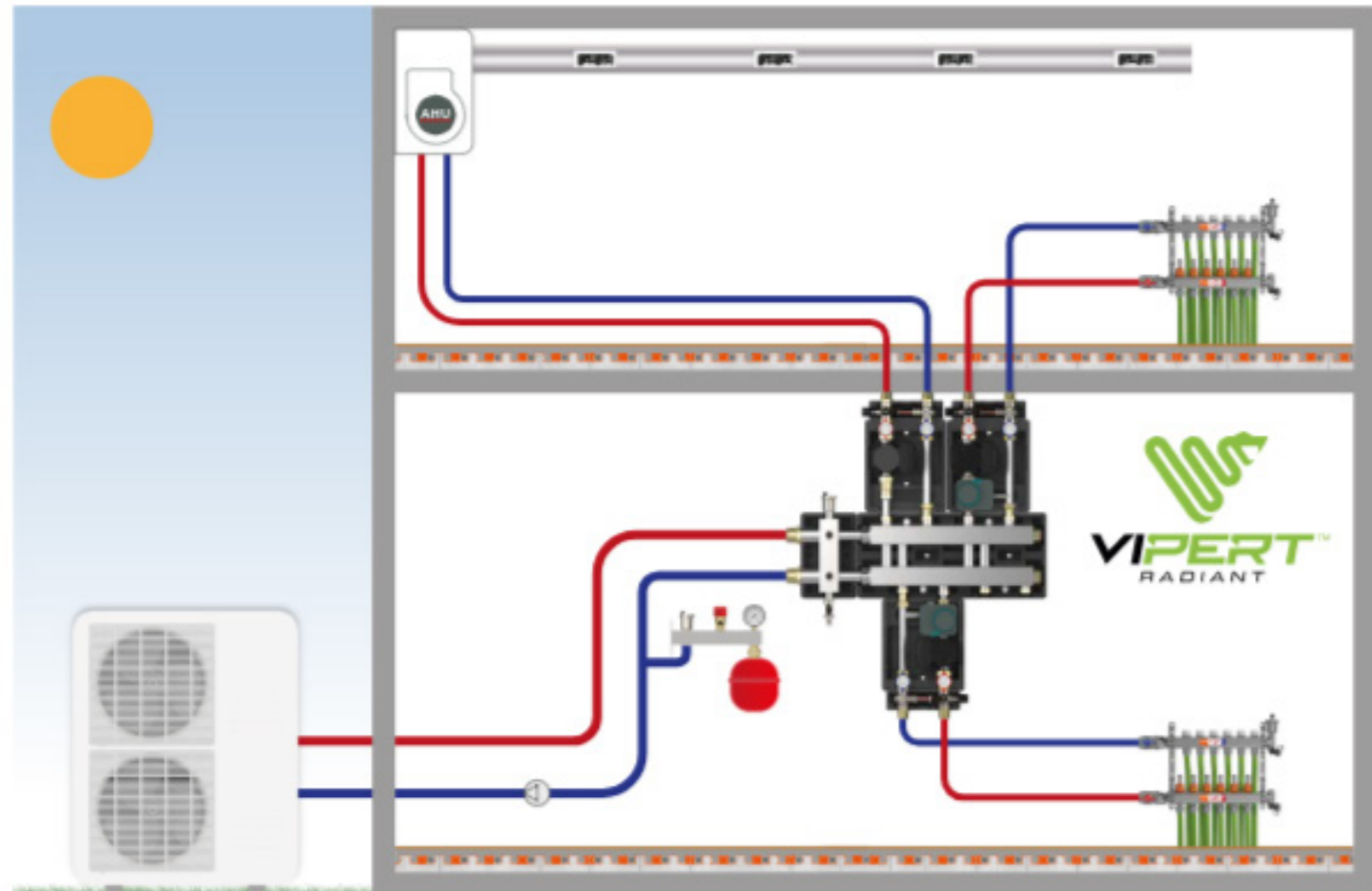
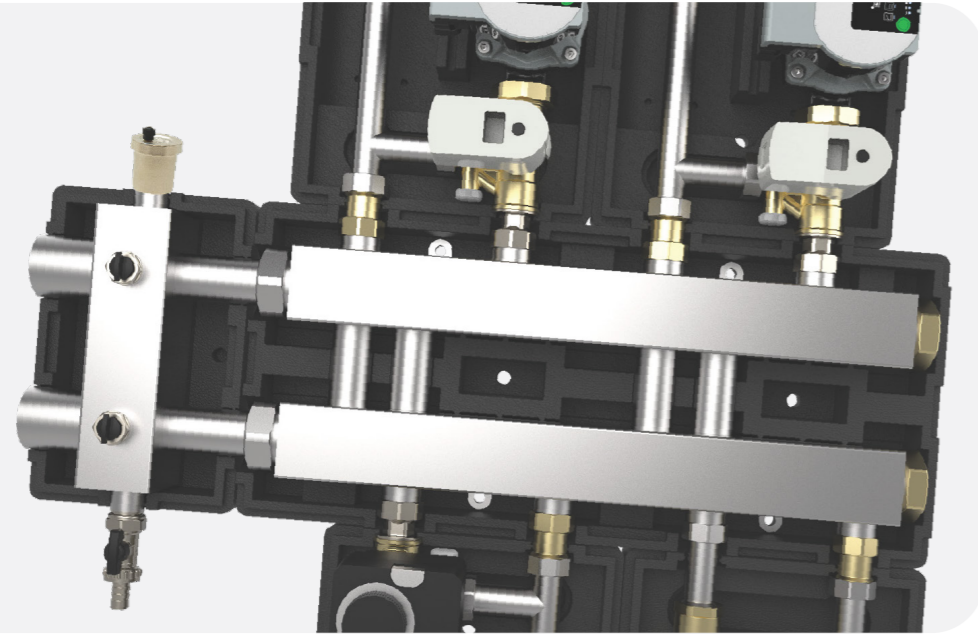


- Allows overpressure to be released on the user (secondary) side ·
- Manual bleed valve and charge/discharge valve

### VARIMIX PRO

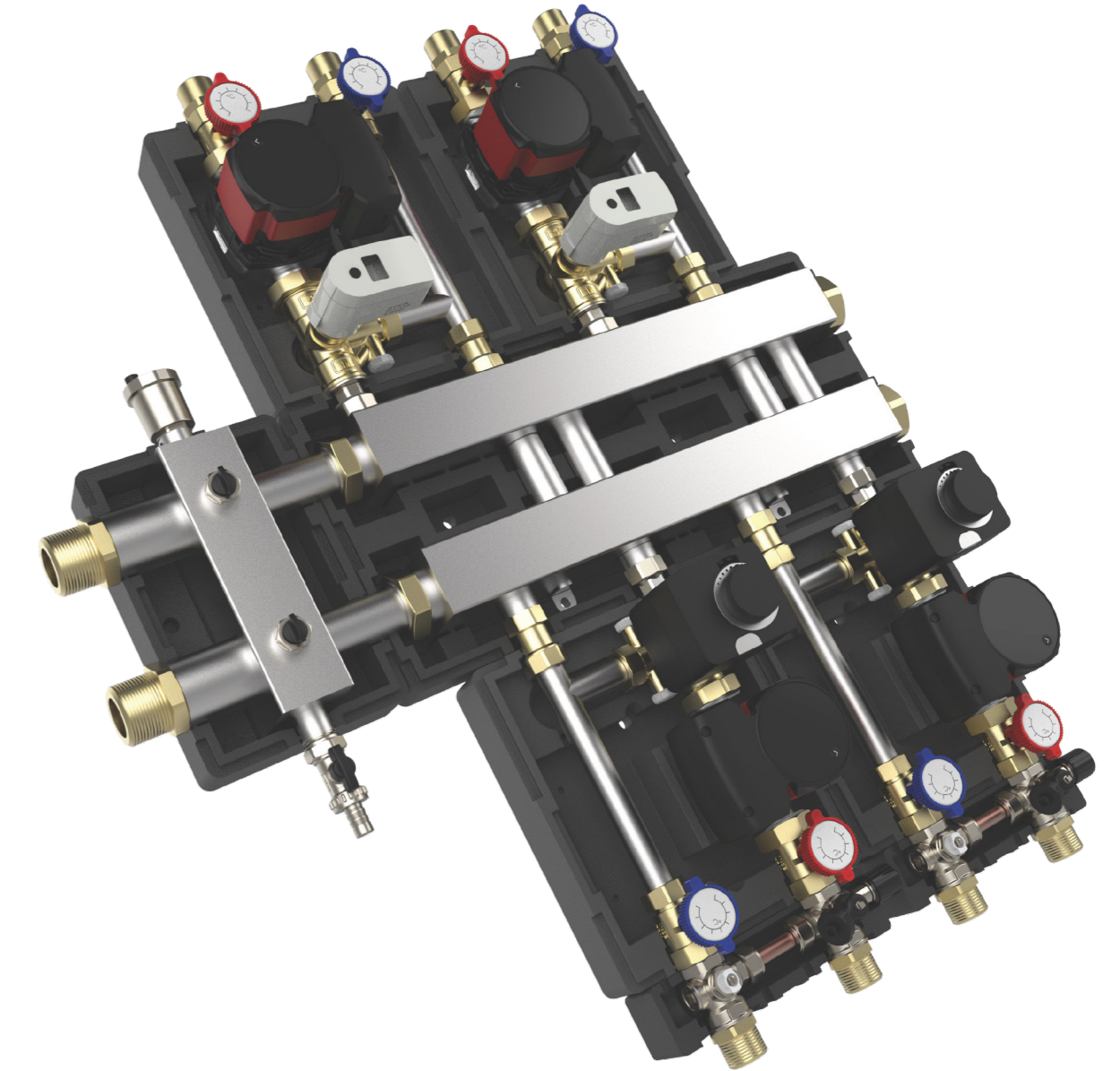
Stainless steel

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# VARIMIX PRO

High flow rate modular system for heating and cooling applications.



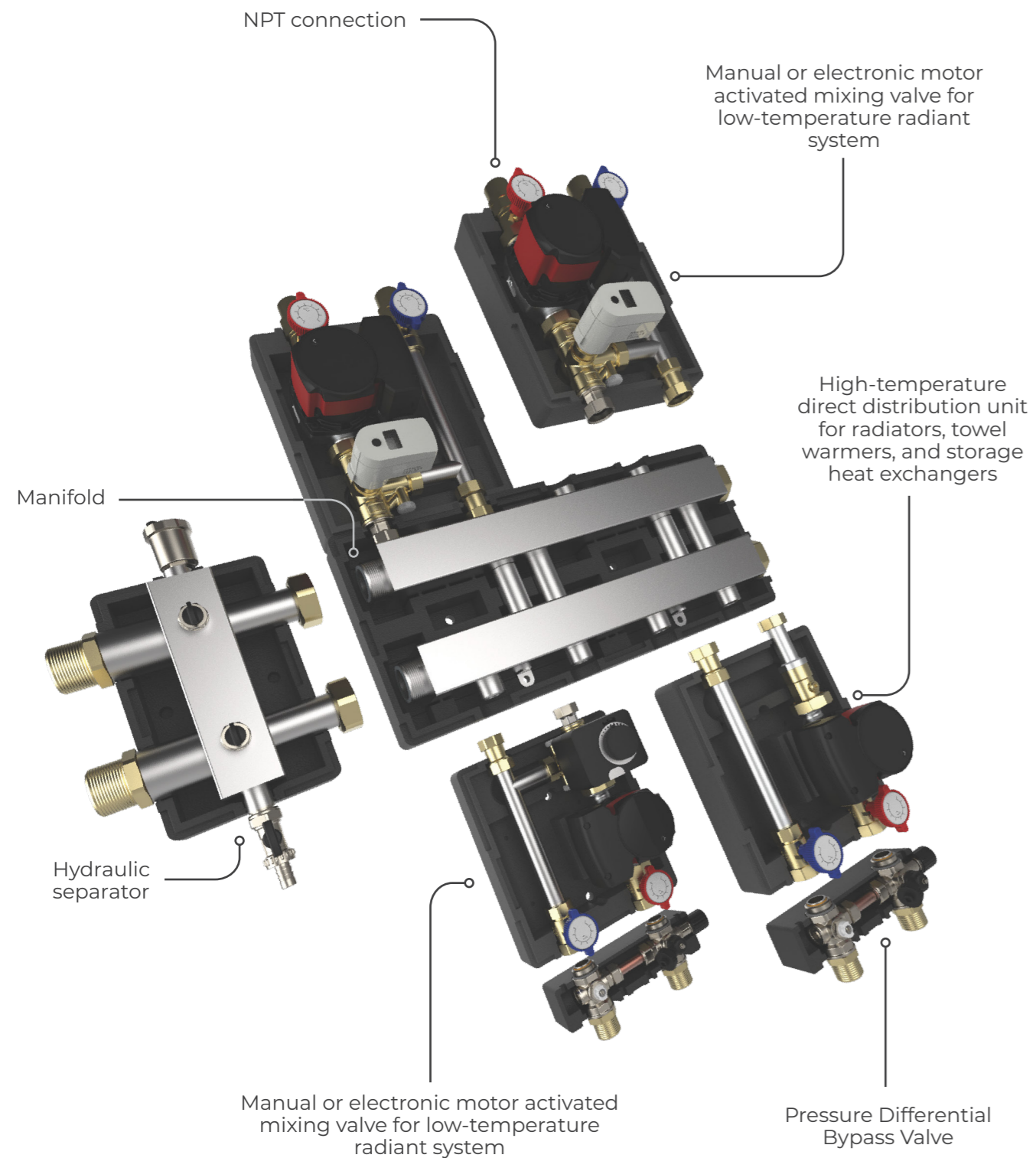
VARIMIX PRO is a modular system for heating and cooling applications, now even more flexible and compact. Specifically designed for integration with heat pumps, VARIMIX PRO makes it easy to create a distribution station with boosting and mixing units, all while optimizing space.

300565U19/2025-03/rev02

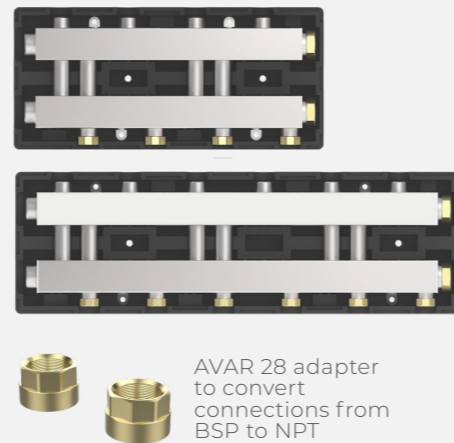
[cbsupplies.ca](http://cbsupplies.ca)



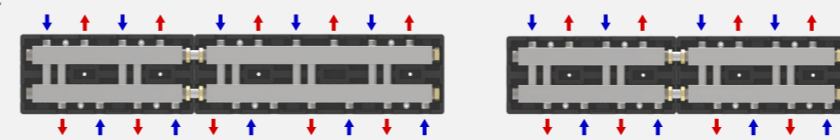
## SYSTEM COMPONENTS



### Manifold



- Enables the installation of the main distribution manifold
- Distribution in both upward and downward directions
- Single-sided 2-way and 3-way versions, or double-sided 2-way (total of 5 connections) and 3-way (total of 7 connections) versions
- Expandable with an additional manifold connected to the side



- Air chamber to isolate the supply/return and minimize heat

#### TECHNICAL DATA

Max. flow rate	22.0 GPM
Head connections	1-1/2" NPT M
Secondary connections	1" NPT M

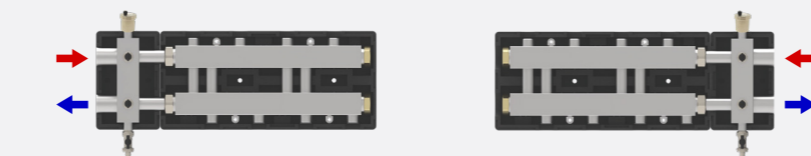
### Hydraulic separator



- Allows hydraulic decoupling between the different circulators installed, maintaining independence between the different distribution modules
- Automatic air vent valve.
- Double magnet to capture ferrous impurities.



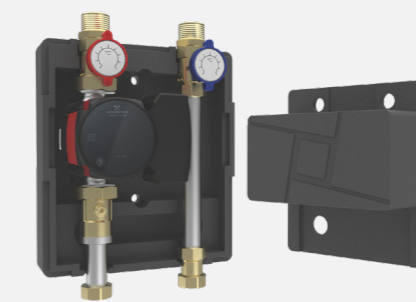
- Discharge valve.
- Can be connected to the left or right of the distribution manifold



#### TECHNICAL DATA

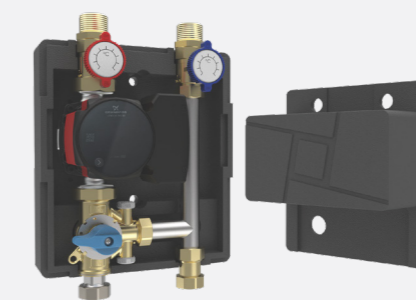
Max operating temperature	248 °F
Max operating pressure	87.0 psi
Max. flow rate	26.4 GPM
Head connections	1-1/2" NPT M x 1-1/2" NPT F
Magnets	Neodymium, magnetic induction (2x 12,000 G) diametral polarisation

### Reversible direct distribution kit

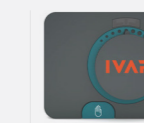


- Left/right reversibility.
- Interceptable pump and telescopic fittings for easy installation.
- Thermometers and backflow preventer included.

### Reversible mixing kit with rotor valve

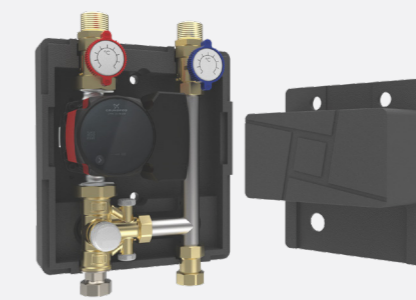


- Left/right reversibility.
- Interceptable pump and telescopic fittings for easy installation.
- Secondary bypass, non-return valve, ball valves with integrated thermometers.



Mixing valve designed for fixed or climate control with specific actuators

### Reversible mixing kit with piston valve



- Left/right reversibility.
- Interceptable pump and telescopic fittings for easy installation.
- Secondary bypass, non-return valve, ball valves with integrated thermometers.



Mixing valve designed for fixed point regulation (using a thermostatic head and remote immersion probe), or climate control with an actuator (managed by a suitable regulator)

#### TECHNICAL DATA

Max. flow rate	13.20 GPM
Head connections	1" NPT F
Circulator connections	1-1/2" NPT F