

Trane® Thermafit™ Modular Multi-pipe Units



Model MWS -30-60T (60-480T Banks) 450 MBh to 7,200 MBh

Get sustainable heating and cooling from one compact, all-electric modular unit. Trane's water-source multi-pipe units enable simultaneous heating and cooling, so you can optimize comfort in the building year-round.

Thermafit Multi-pipe units help support long-term sustainability targets to achieve building electrification and meet the requirements for geothermal. It's the solution you need to deliver virtually emissions-free comfort when space is limited.

Dependable and flexible

- Six-pipe design features three independent water loops. Each loop operates on its own compressor for reassuring redundancy and tighter fluid control
- Saves space by combining heating and cooling duties and eliminating glycol mixing
- Provides up to 135°F leaving water temperature to support year-round heating.

Move decarbonization forward

One major step in the journey to building decarbonization is the replacement of boilers that burn fossil fuels with an energy efficient electrified heating source. Thermafit™ multi-pipe units enable electric heating and cooling to get you one step closer to making net-zero goals happen and meet changing building codes and regulations for electrification.

- Independent heating and cooling setpoints deliver industry leading combined heating and cooling efficiencies up to 28 EER while in simultaneous mode.
- Independent fluid loops improve efficiency and reduce glycol requirements by allowing water in the heating and cooling loops and glycol in the source loop
- Ideal for geothermal applications.



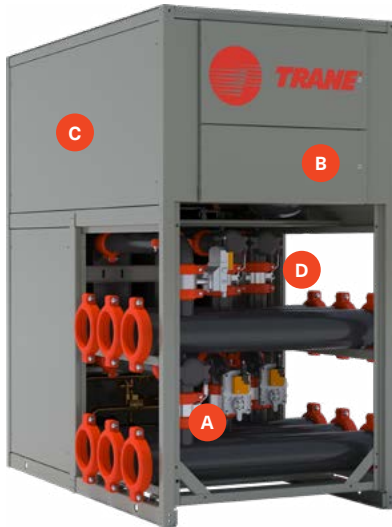
Thermafit™ Modular Units

Trane's line of all-electric modular units helps you bring buildings into the future of sustainable comfort!

Meet capacity requirements with multiple independent units coupled together on a shared header system, electrical system and control system.

Modular design makes it easy to install (and expand) in tight spaces.

Reliable and easy to maintain

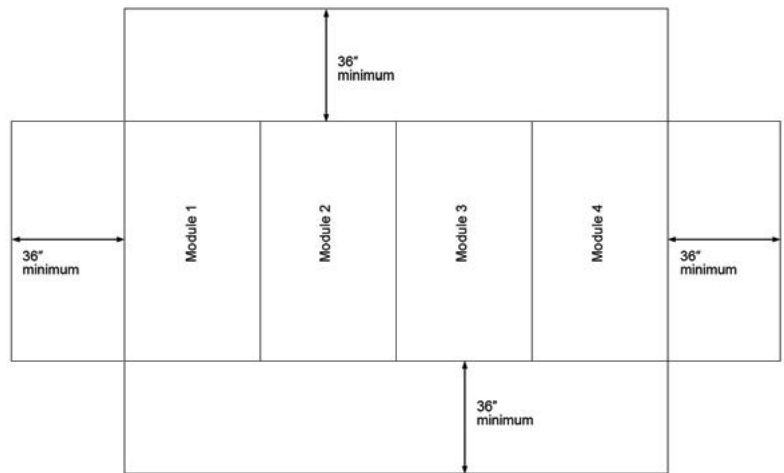


- A Electronic modulating and manual valves on each source loop heat exchanger.** Allows for head pressure control, individual isolation as well as reduced downtime costs.
- B Primary microprocessor controller.** Activates/deactivates modules as needed to maintain proper leaving water temperature.
- C Three independent fluid loops.** Prevents glycol mixing.
- D Mesh strainer on each evaporator and condenser branch line piping.** Enables easy cleaning and can be changed without system shutdown

General Data

Size	Weight (lb)	Length (in)	Width (in)	Height (in)	Water Connection (in)
30 Tons	1800	66	34	77	6
40 Tons	2000	66	34	77	6
50 Tons	2900	79	42	80	6 / 8
60 Tons	3100	79	42	80	6 / 8

Service Clearances (top view)



NOTE: 48 inches minimum overhead clearance

Learn more. Contact your Trane Account Manager.

[Trane.com/Chillers](https://www.trane.com/Chillers)



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