

Thermafit™ Water-to-Water Modular Heat Pumps



Model WXM – 20-80 Tons per module

Trane's all-electric modular water-to-water heat pumps help you decarbonize while optimizing comfort and uptime. These heat pumps move energy rather than generate energy so they can be 3 times more efficient than other forms of electric heating. They are a smart sustainable choice to reduce greenhouse gas emissions as renewable energy grows.

Ideal for cooler geographic regions with heating and cooling needs, Thermafit water-to-water heat pumps can help achieve LEED credits and net zero goals.

Stack up the benefits

Modular heat pumps enable different levels of control to optimize comfort, reliability and more. Each unit has its own controller and a reversing valve on each refrigeration circuit to allow for continuous defrost operation during heating mode. The bank of modules can easily ramp up space cooling or heating to meet specific comfort needs. Up to ten modules can be connected in a bank to provide centralized plant benefits, including primary control, high efficiency, reduced piping, simplified maintenance, acoustical advantages and air-distribution flexibility.

A solution for the clean energy transition

Thermafit™ water-to-water heat pumps are ideal for applications with nearby cold-water sources, such as a lake, ground water, waste-water or geothermal bore fields. These renewable sources allow for the transfer of energy to power heat pumps for year-round heating and cooling—a key way to decarbonize buildings by replacing combustion-fueled equipment.



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

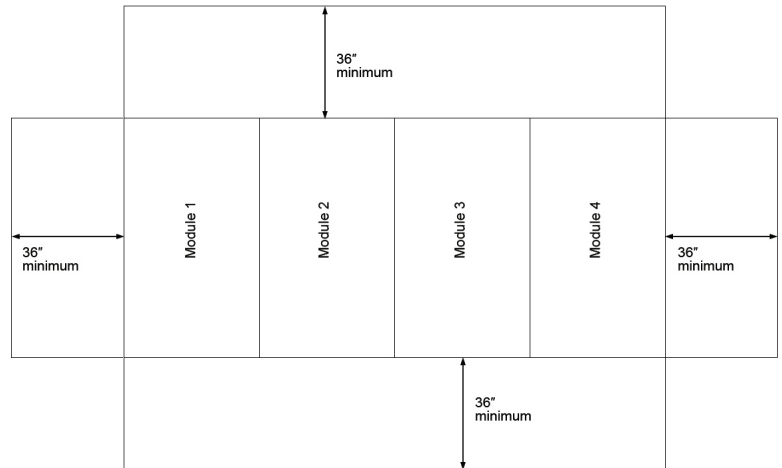


- Isolation valves allow modules to be serviced while others continue operating
- Dual refrigeration circuits allow for greater reliability
- Standard thermal dispersion flow switches on each module provides greater accuracy
- Easy-to-change fine mesh strainers on each evaporator and condenser that allow for cleaning without equipment shutdown
- Touch Screen Controller for easy operator interface

General Data

Capacity (Tons)	Weight (lb)	Width (in)	Length (in)	Height (in)	Water Connection (in)
20	1400	24	66	77	4
25	1500	24	66	77	6
30	1600	24	66	77	6
40	1800	34	66	77	6
50	1800	34	66	77	6
60	1900	34	66	77	6
80	2600	34	78	80	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)



Trane – by Trane Technologies (NYSE: TT), a global climate innovator – creates comfortable, energy efficient indoor environments through a broad portfolio of heating, ventilating and air conditioning systems and controls, services, parts and supply. For more information, please visit [trane.com](https://www.trane.com) or [tranetechnologies.com](https://www.tranetechnologies.com).

All trademarks referenced in this document are the trademarks of their respective owners.

© 2022 Trane. All Rights Reserved.

ARTC-SLB008-EN
12/16/2022