

Trane® Thermafit™ Modular Water-cooled Chillers



Model MWC standard efficiency
15 – 80 tons (expandable to 800-ton bank)

Model MWT high efficiency
25 – 40 tons (expandable to 400-ton bank)

Thermafit water-cooled chillers offer a super energy efficient solution to decarbonize where space is limited.

Along with exceptionally energy efficient cooling, these compact modules reduce energy use for space heating or domestic hot water heating by reclaiming waste heat from the cooling cycle.

Raise Efficiency Higher

- Variable speed drives optimize efficiency
- Electrified cooling with heat recovery option reduces overall carbon footprint
- Electrified domestic hot water production saves energy

Decarbonize HVAC and Hot Water with Trane's Flexible, Modular Water-Cooled Chiller

Modular water-cooled units are ideal for water-cooled chiller replacements and provide advantages for cooling, heating and domestic hot water applications in new or existing buildings. Variable speed drives with permanent magnet motors work to match load needs precisely providing superior part load efficiency.

Thermafit modular water-cooled chillers

Smaller than conventional chillers. Water-cooled modular chillers move through freight elevators and fit easily inside mechanical rooms.

Expandable capacity. Each bank is expandable up to 10 units to meet increased building thermal loads for large applications (up to 800 tons).

More precise temperature control. Multiple circuits enable tight control.



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.

Engineered for efficiency and ease of maintenance



- **Set of fixed and variable speed drives.** Works in tandem to optimize part load efficiency.
- **Heat Recovery.** Produces hot water up to 175°F.
- **Optional double wall brazed plate heat exchanger.** Produces domestic hot water. Model MWC (up to 165°F).
- **Easy access to strainers.** Simplifies maintenance.

General Data

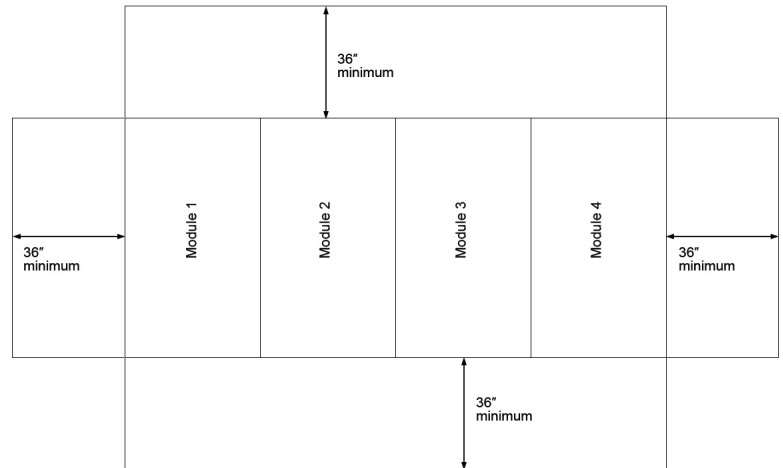
MWC

Capacity (Tons)	Weight (lb)	Width (in)	Length (in)	Height (in)
15	1400	24	66	77
20	1400	24	66	77
25	1500	24	66	77
30	1600	24	66	77
40	1800	34	66	77
50	1800	34	66	77
60	1900	34	66	77
80	2600	42	79	80

MWT

Capacity (Tons)	Weight (lb)	Width (in)	Length (in)	Height (in)
25	1400	24	66	77
30	1450	24	66	77
40	1550	24	66	77

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).

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