

Thermafit® Water-Cooled Modular Chillers



Model MWC

15-80 tons/model

Scalable for larger capacities
up to 960T (11,520 MBH) bank

Thermafit® water-cooled chillers help 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.

Raise Efficiency Higher

- Variable speed drives enable tighter temperature control and higher part-load efficiencies.

Thermafit® modular water-cooled chillers

• Smaller than a conventional chiller.

Water-cooled modular chillers move through freight elevators and fit easily inside mechanical rooms. This allows for easy install with minimal disruption to occupied spaces.

• Expandable capacity.

Each bank is expandable up to 12 units to meet increased building thermal loads for large applications (up to 960 tons).

• Reliability.

Modular, redundant design eliminates single point of failure.

• More precise temperature control.

Multiple compressors enable tight control and improved unloading.

• More precise temperature control.

Multiple circuits help with 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.

Next-Generation Refrigerant

Thermafit modular chillers are designed with next generation, low-global warming potential refrigerant R-454B in mind. This refrigerant provides a 75% drop in GWP over R-410A helping customers meet sustainability goals by reducing the impact to the environment.

Engineered for efficiency and ease of maintenance



- A Dual compressor design.**
Optional variable speed compressor on lead circuit for improved part load performance and efficiency.
- B Heat Recovery.**
Produces hot water up to 175°F (79° C).
- C Easy access to strainers.**
Simplifies maintenance.

**Optional Cleanable Shell & Tube Condensers*

General Data

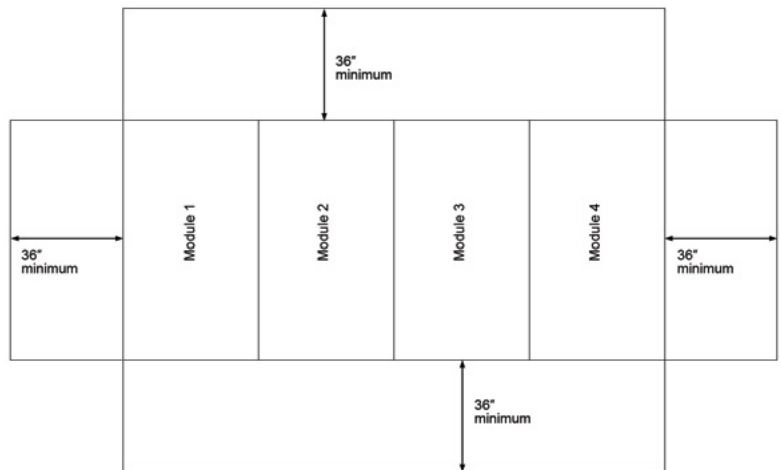
MWC

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	2100	24	66	77
50	2200	34	66	77
60	2400	34	66	77
80	2600	42	79	80

MWC Condenser Data

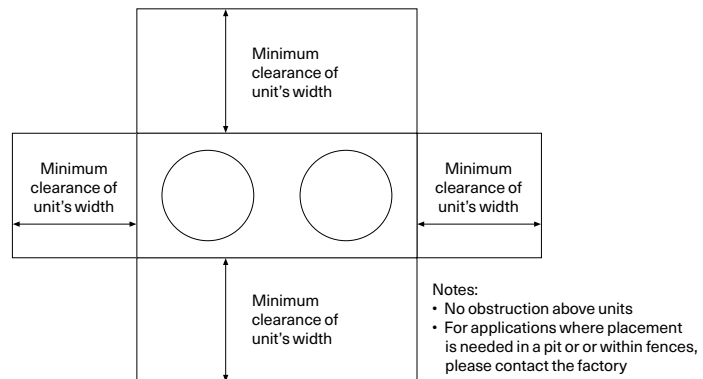
Capacity (Tons)	Weight (lb)	Width (in)	Length (in)	Height (in)
15	1400	24	66	77
20	1400	24	66	77
25	1500	24	66	77
30	1600	24	66	77
40	2200	34	66	77
50	2400	34	66	77
60	2600	34	66	77
80	2800	42	79	80

Service Clearances - Chiller (top view)



NOTE: 48 inches minimum overhead clearance

Service Clearances - Condenser (top view)



Learn more. Contact your Trane Account Manager.

Trane.com/Thermafit



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 or tranetechnologies.com.

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