

Trane® Thermafit™ Oil-free Magnetic Bearing Units



Model TACW 65-135T/unit (1000T Bank) Cooling Only

This earth friendly mini modular unit is the smallest of them all. Low starting current (Amps) avoids expansion of electrical service. It installs in very small spaces and facilitates convenient curbside delivery. Fully assembled, it passes through a standard 36-inch doorways and rides on passenger elevators.

Thermafit oil-free magnetic bearing units knock down even more to squeeze into tighter spaces. Components can be taken apart fully or partially for rigging into places like cramped equipment rooms.

Small is its superpower

- Even the compressor falls within standard shipping size and weight limitations—perfect when fast delivery is a must
- Installing multiple units creates true redundancy and builds peace of mind over reliability
- Easily add capacity as the business and occupancy grows— without expanding electrical service

Mighty big performance

Trane Thermafit® Oil-free magnetic bearing units don't skimp on performance. Trane packs in the advantages. TACW drives down emission while reducing utility costs using low GWP refrigerants and high efficiency compressors with variable speed drives.

- Full load efficiency exceeds ASHRAE® 90.1 standards.

Ultra-quiet

The compressors produce 75 DB of sound at 10 feet (about the same as a TV at normal volume). Moving mechanical parts never touch the housing or frame to create noise.



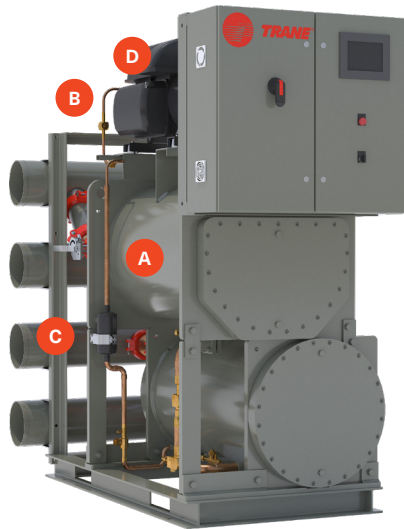
Thermafit™ Modular Units

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.

Easy to service and reduced downtime costs

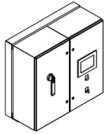
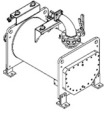
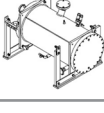
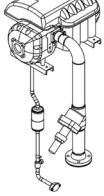


- A** Cleanable shell and tube heat-exchanger
- B** Zero oil-related maintenance
- C** Isolation valves on all serviceable parts
- D** Dedicated compressors for each refrigerant circuit avoid systems shut down

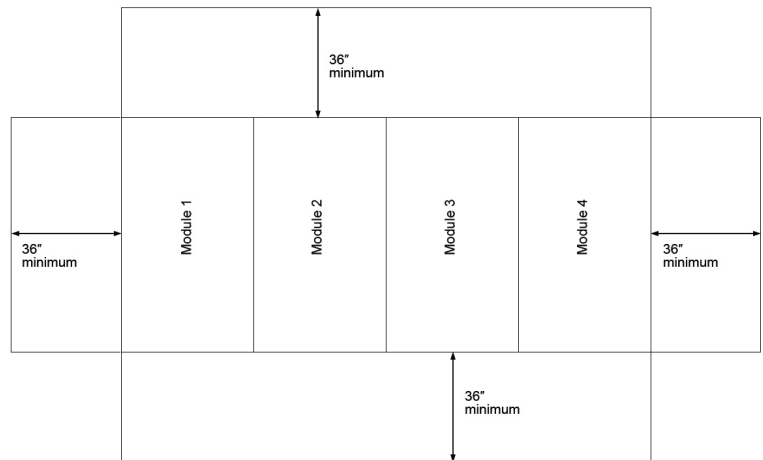
General Data

Size (nominal tons)	EER Full and Part Load	Weight (lb)	Length (in)	Width (in)	Height (in)
65-135 Tons	Meets ASHRAE 90.1-2019	4900	87	42	79

Knockdown Specifications

Component	Weight (lb)	Width (in)	Length (in)	Height (in)
 Control Panel	250	32	16.5	30.5
 Evaporator	1500	30.5	50	46
 Condenser	1600	35	50	29.25
 Compressor	400	N/A	N/A	N/A

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-SLB009-EN
12/16/2022