

# Thermafit™ Air-to-Water Modular Heat Pump



## Model AXM

30 tons (390 MBH)

Expandable to 300T (3,600 MBH) bank

Regulations to decarbonize buildings are shifting HVAC preferences to all-electric heating and cooling which taps in to the nation's cleaner energy grid. New and existing buildings are being held to higher sustainability standards. Trane now offers this flexible heat pump solution that easily works into limited spaces.

Thermafit air-to-water heat pumps combine modular flexibility with Trane's verified performance in colder climates. All-electric heating and cooling eliminates direct emissions caused by fossil-fuel heating.

### Decarbonize confidently

- Get electric heating or cooling from the same unit
- Vapor injection allows for greater lift and thus, higher leaving hot water temperatures
- Lab tested to provide reliable heating in outdoor ambient temperatures down to 0° F (-17° C)
- Hot water temperatures up to 140° F (60° C)

### Decarbonize HVAC with Trane's flexible, modular heat pump

Policies to eliminate fossil fuel use in buildings are increasing the demand for heat pumps that can perform efficiently and reliably in a wider range of conditions. Trane can provide the system expertise you need to bring modular air-to-water heat pump units and controls together into performance-driven solutions.

### Thermafit air-to-water modular heat pump

- **Smaller than a conventional chiller.**  
AXM modular heat pumps move through freight elevators and fit on urban rooftops.
- **More precise temperature control.**  
Multiple circuits help with tight control.
- **Expandable capacity.**  
Add units if the building load increases. Expand up to 10 units to serve large applications (up to 300 tons).



### Thermafit™ Modular Units

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

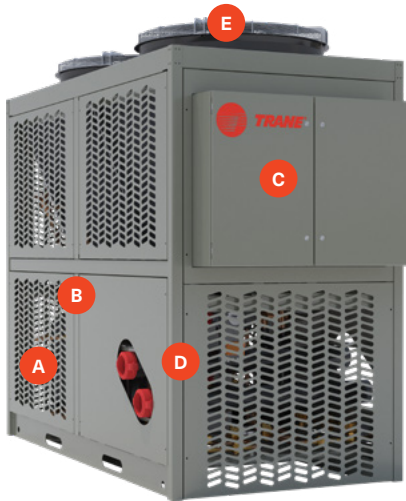
Meet capacity requirements with multiple independent units coupled together on a shared header system, electrical system and control system.

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

### Next-Generation Refrigerant

Thermafit modular heat pumps are designed with next generation, low-global warming potential refrigerant R-454B in mind. This refrigerant provides a 75% drop in GWP over R410A helping customers meet sustainability goals by reducing the impact to the environment.

## Reliable heating and cooling. Performance is verified in our testing lab.



- A Vapor injection allows for heating in colder climates.** Enables leaving water temperatures of approximately 130° F (54° C) at 0° F (-17° C) outdoor ambient temperature.
- B Reversing valve.** Allows for independent module defrost cycles.
- C Independent controls on each module.** Allow for independent operation of all modules as required for capacity or maintenance needs.
- D Easy-change filters/strainers.** Perform maintenance without shutting down the system.
- E ECM fans with variable speed fan/motor assemblies.** Reduce sound and energy use.

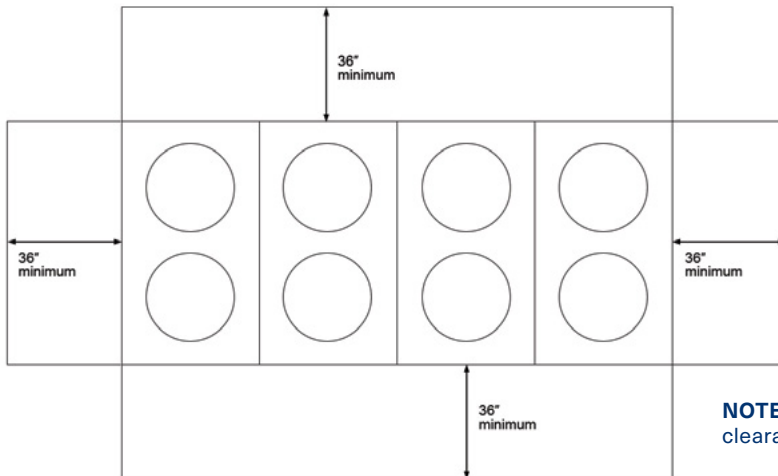
### General Data

Size	Full Load EER	ILPV EER	Fan Total	Operating Weight (lb)	Length (in)	Width (in)	Height (in)	Water Connection (in)
30 Ton (390 MBh)*	meets ASHRAE 90.1-2019 for heating and cooling	Meets ASHRAE 90.1-2019	2	3500	95	48	90	6

\*Minimum of 2 modules required for ordering

### Service Clearances

No obstructions above units (top view)



**NOTE:** If unit is surrounded by a fence, the minimum clearance is 48 inches. The fence must allow 50% airflow

Learn more. Contact your Trane Account Manager.

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



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