

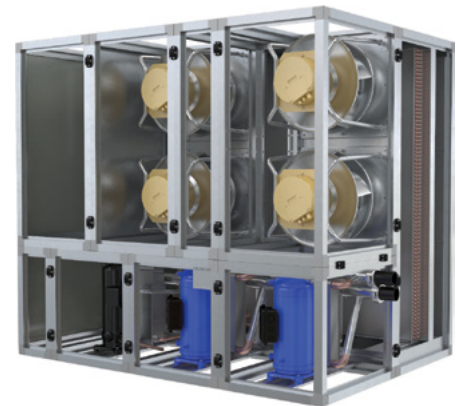
Modular Self-Contained



The ultimate solution to the Commercial Self-Contained replacement market!

Engineered as the most adaptive self contained footprint and breakdown on the market, the Trane® MSC is perfect for the most demanding installation applications. Designed to fit through a standard commercial doorway or hallway. The Trane MSC specifically meets the needs of the replacement and floor to floor markets!

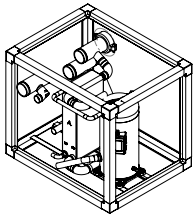
- 40-80 Ton Offering
- Most Efficient Product on the Market
- Water-Cooled 3 Cassette Breakdown
- Smallest Footprint on the Market
- Variable Speed Compressors
- Variable Speed Plenum Fans
- Trane UC600 Controls
- American Made
- Brazed Plate HE



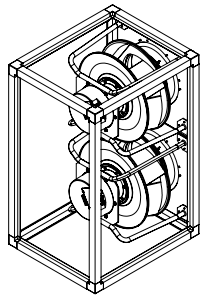
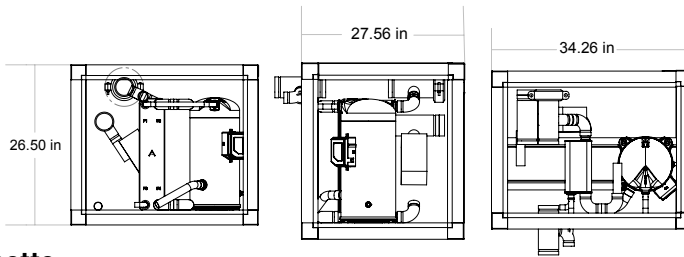
Creating a more sustainable future

- Unit ships in cassettes for ease in moving into an existing building and mechanical room
- Easy assembly of cassettes with like dimensions for each cassette type
- Cassettes provide smallest sections in the industry for navigation through an existing building
- Unit assembled footprint is as small or smaller than existing unit footprint
- Evaporator cassette knocks down to even smaller dimensions to move coil and cabinet structure into the building

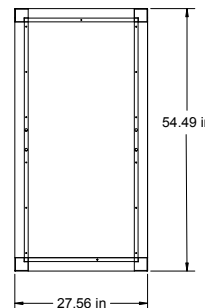
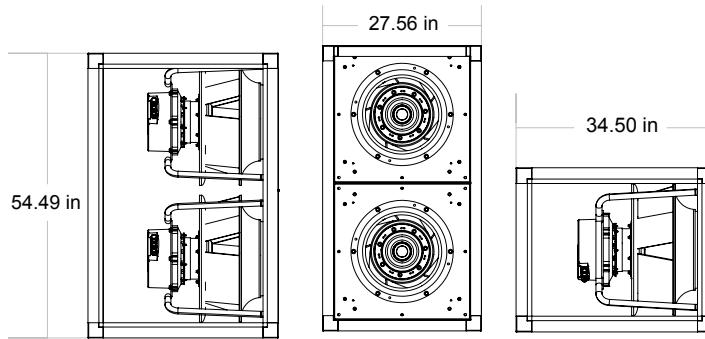




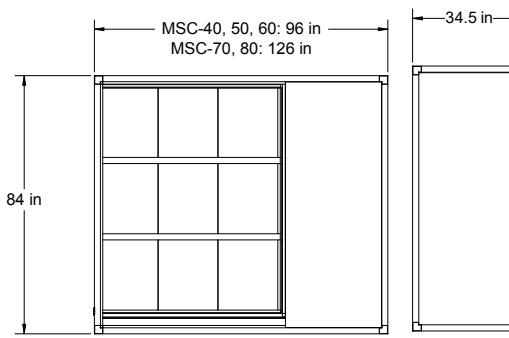
Compressor Cassette



Fan Cassette



Starter Cassette



Evap Cassette

Trane® Controls

- Trane UC600 controls with TD7 display
- TD7 display provides unit-mounted human interface panel with a two line x 40 character clear language (English) display and a touch screen interface that includes custom, diagnostics, and service test mode menu keys
- Phase reversal protection provided in each compressor - fixed or variable.
- Compressor lead/lag
- Supply air static over pressurization protection on units with variable frequency drives (VFDs)
- Supply airflow proving
- Mappable sensors and setpoint sources
- Occupied/unoccupied switching
- Timed override activation
- Programmable water purge during unoccupied mode
- High entering air temperature limit
- Low entering air temperature limit with waterside economizer.
- Interoperability available with BACnet communication

Weights

Table 18. Unit weights

Unit Size	Base Weight		Waterside Economizer	
	(lbs)	(kg)	(lbs)	(kg)
40 Ton	3041	1379	381	173
50 Ton	3506	1590	468	212
60 Ton	3641	1652	568	258
60 Ton	3641	1652	568	258
70 Ton	4733	2146	762	346
80 Ton	4733	2146	762	346

Note: All unit weights include refrigerant, water, and controllers.

Table 19. Unit shipping weights (fan cassette)

Unit Size	Overall Dimensions	Unit Weight (lbs)	Fan Cassette	Number of Dual	Fan Weight (Two Fans)	Number of Single	Fan Weight (Single Fan)	Total Fan Weight
40 Ton	70"x 84" x 95.5"	2933	34.5"x 54.5"x 27.6"	1	408	1	308	716
50 Ton	70"x 84" x 95.5"	3365	34.5"x 54.5"x 27.6"	1	408	1	308	716
60 Ton	70"x 84" x 95.5"	3500	34.5"x 54.5"x 27.6"	2	408	0	308	816
70 Ton	70"x 84" x 126"	4545	34.5"x 54.5"x 27.6"	2	408	1	308	1124
80 Ton	70"x 84" x 126"	4545	34.5"x 54.5"x 27.6"	2	408	1	308	1124

Table 20. Unit shipping weights (compressor cassette)

Unit Size	Overall Dimensions	Unit Weight (lbs)	Compressor Cassette	Number Fixed Spd	FS Condensing Unit Cassette	Number Var Spd	VS Condensing Unit Cassette	Total Condensing Unit Weight
40 Ton	70"x 84" x 95.5"	2933	34.5"x 29.5"x 27.6"	1	385	1	335	720
50 Ton	70"x 84" x 95.5"	3365	34.5"x 29.5"x 27.6"	2	385	1	335	1105
60 Ton	70"x 84" x 95.5"	3500	34.5"x 29.5"x 27.6"	2	385	1	335	1105
70 Ton	70"x 84" x 126"	4545	34.5"x 29.5"x 27.6"	3	385	1	335	1490
80 Ton	70"x 84" x 126"	4545	34.5"x 29.5"x 27.6"	3	385	1	335	1490

Table 21. Unit shipping weights (starter cassette)

Unit Size	Overall Dimensions	Unit Weight (lbs)	Compressor Cassette	Starter Cassette Weight (230 Vac)
40 Ton	70"x 84" x 95.5"	2933	34.5"x 29.5"x 27.6"	323
50 Ton	70"x 84" x 95.5"	3365	34.5"x 29.5"x 27.6"	323
60 Ton	70"x 84" x 95.5"	3500	34.5"x 29.5"x 27.6"	323
70 Ton	70"x 84" x 126"	4545	34.5"x 29.5"x 27.6"	388
80 Ton	70"x 84" x 126"	4545	34.5"x 29.5"x 27.6"	388

Table 22. Unit shipping weights (evaporator cassette)

Tonnage	Overall dimensions	Unit Weight (lbs)	Evaporator Cassette	Total Weight of Cassette (excl. Economizer)
40 Ton	70"x 84" x 95.5"	2933	34.5" x 84" x 94"	1127
50 Ton	70"x 84" x 95.5"	3365	34.5" x 84" x 94"	1219
60 Ton	70"x 84" x 95.5"	3500	34.5" x 84" x 94"	1254
70 Ton ^(a)	70"x 84" x 127"	4545	34.5" x 84" x 77"	1032
			34.5" x 84" x 50"	620
80 Ton ^(a)	70"x 84" x 127"	4545	34.5" x 84" x 77"	1032
			34.5" x 84" x 50"	620

Note: (a) Split coils.



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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