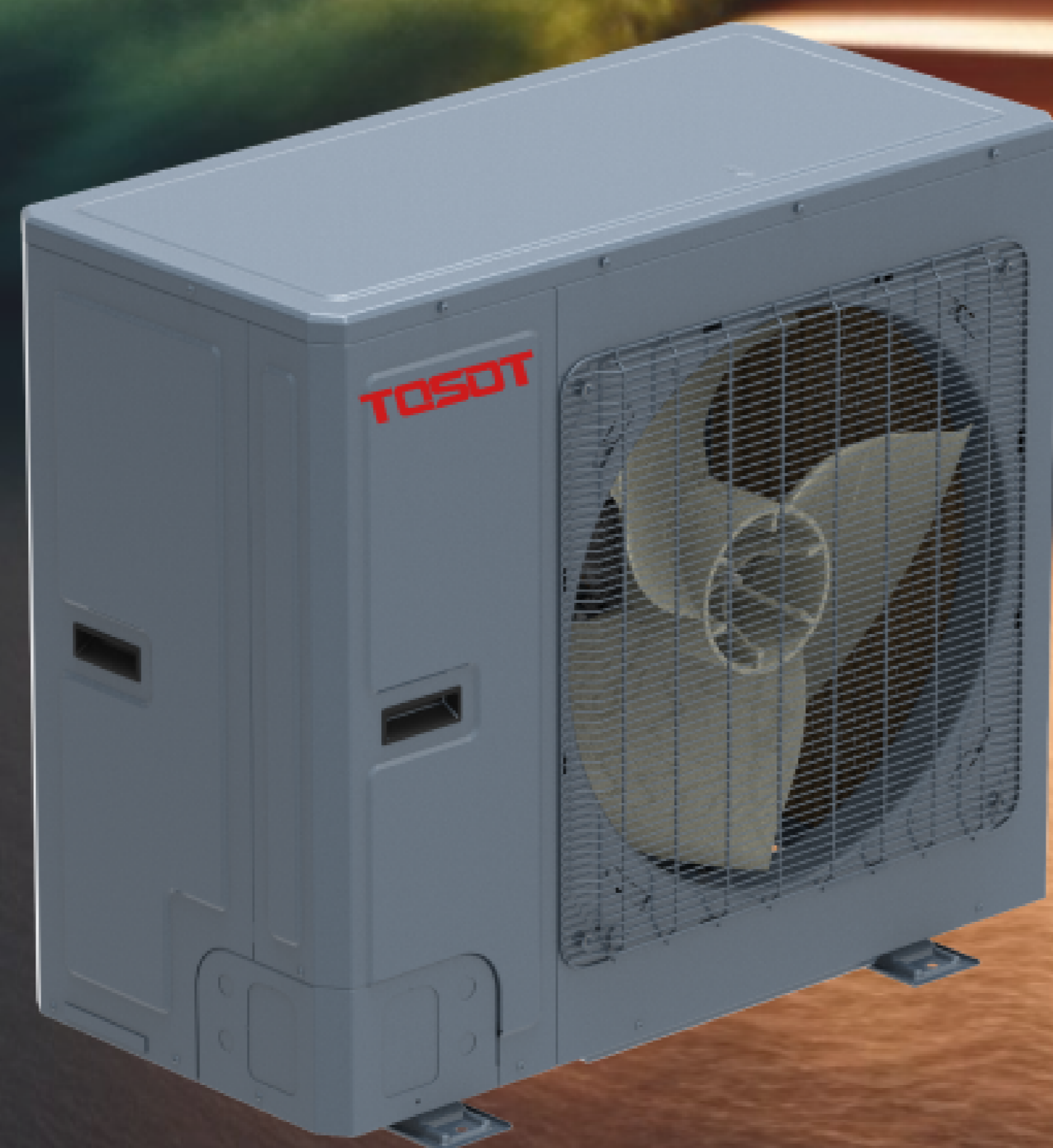


TOSOT COMFORT

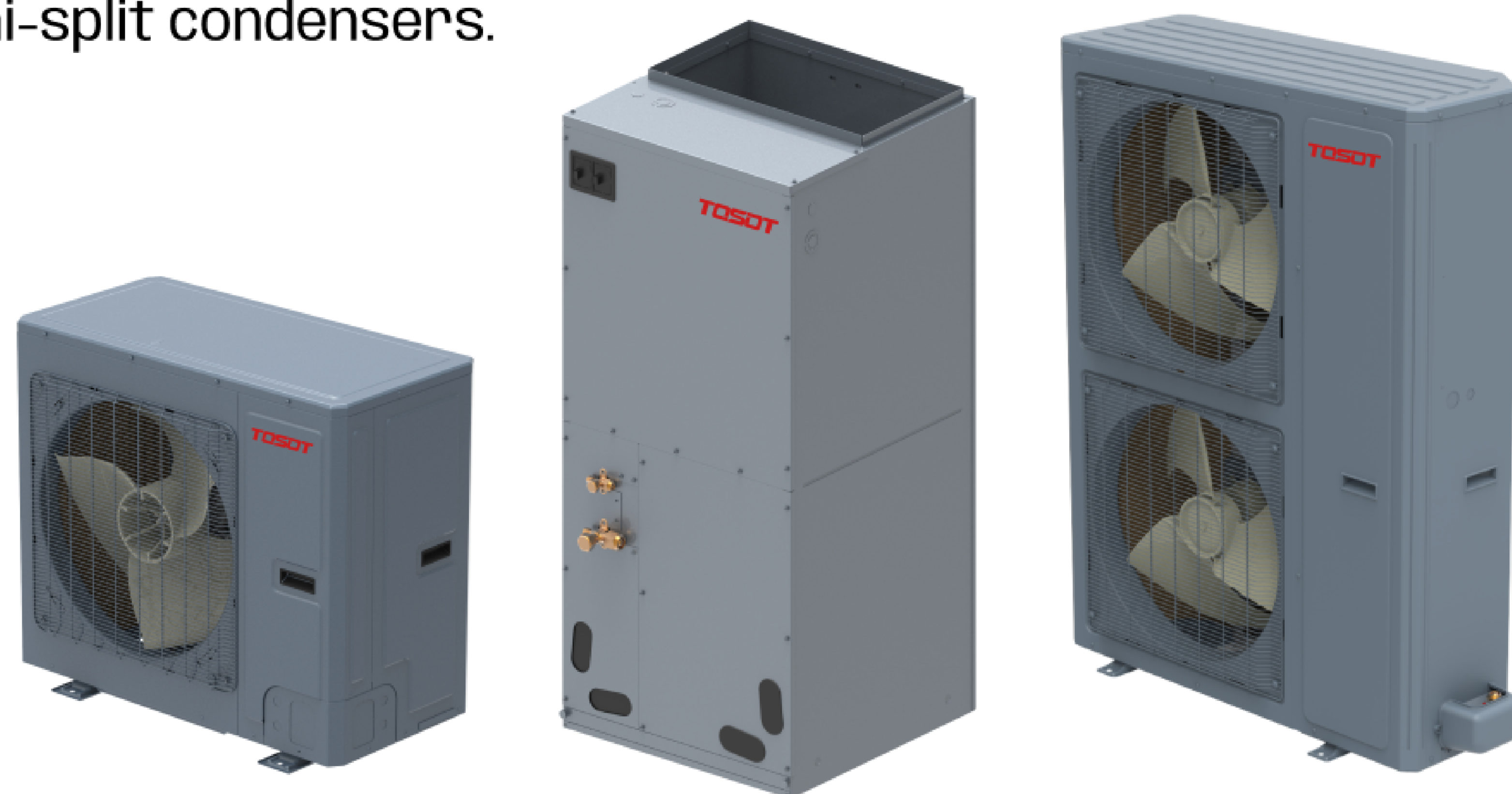
UNIX Central Ducted System

Flexible side discharge
24 AC Compatible
Quiet Operation
From -22°F to 130°F
Up to 20 SEER/10.5 HSPF



UNIX Central Ducted System

The UNIX Series offers efficient variable speed performance, providing flexibility for use with a 24-volt conventional ducted air handler. This system is easily applicable and compatible with various 24-volt thermostats commonly used in legacy heat pump systems. The process of replacing and upgrading low-efficiency systems with a highly efficient variable speed system has become simple and cost-effective. The outdoor heat pump system, equipped with variable speed inverter technology, utilizes advanced logic to align the outdoor unit's capacity with the heating and cooling load of the structure. It incorporates design advantages similar to those found in conventional mini-split condensers.



Features

Mid-Vapor Compressor Technology

Using mid-vapor technology, the compressor produces a remarkably high heat output at extremely low temperatures. This gives the UNIX Series a major advantage over conventional heat pumps, in that bountiful heat output means less reliance on supplemental electric, fossil fuel, or oil heating systems.

Capacity Select Function

The two available UNIX Series outdoor units can be configured via the capacity select function to produce 2, 3, 4, or 5 tons of capacity, which would have required stocking four conventional outdoor heat pump units. For contractors and distributors, this feature means simplified inventory planning and control, more warehouse space, and saving money.

Quiet and High Efficiency Operation

Sound-dampening features, in both indoor and outdoor sections, means the UNIX Series operates at the "soft conversation" level as low as 45dB. Advanced operating logic integrated in the Connect control system ensures industry-leading comfort, economy, and reliability.

24 Volt Thermostat Compatible

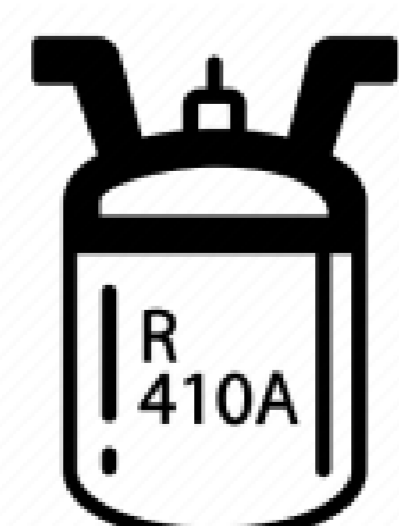
The UNIX Series delivers ultra high efficiency without the need for complicated indoor thermostats. The system can be controlled by many existing 24 volt heat pump thermostats that includes an adjustable reversing valve setting.

Small Footprint

The small footprint of the Connect Series outdoor unit provides more installation flexibility than conventional top-discharge outdoor units.



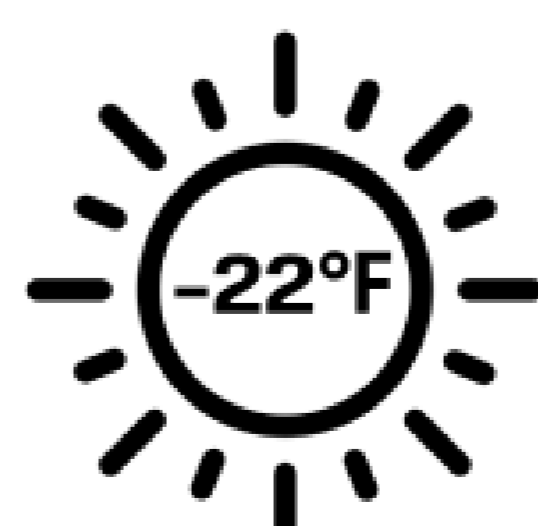
High Efficiency DC
Inverter Technology



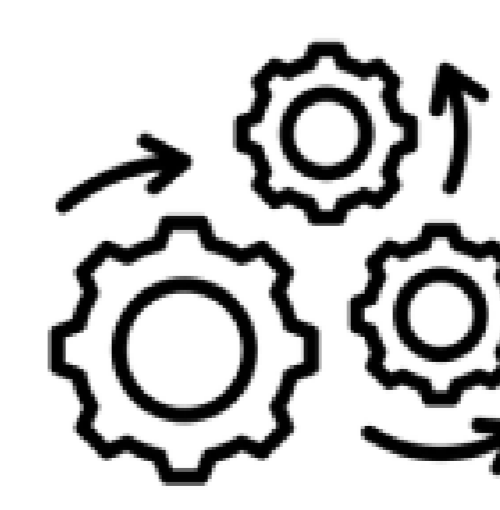
R-410A
Refrigerant



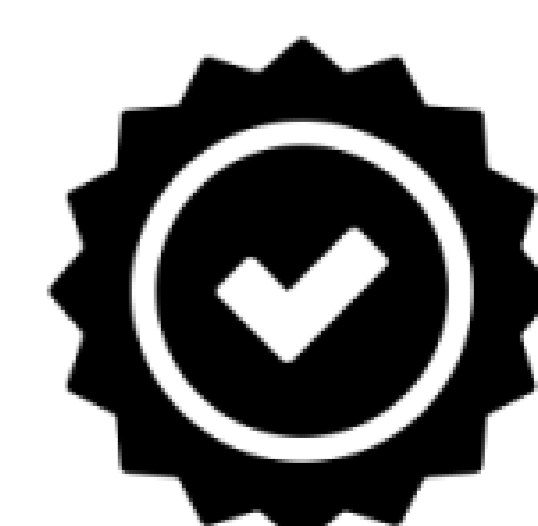
Up to 20 Seer
and 10.5 HSPF



Ultra heat down
at -22°F



Advanced system
operating protection
and error detection



10 years warranty on
parts and compressors

Specifications

Compressor Type

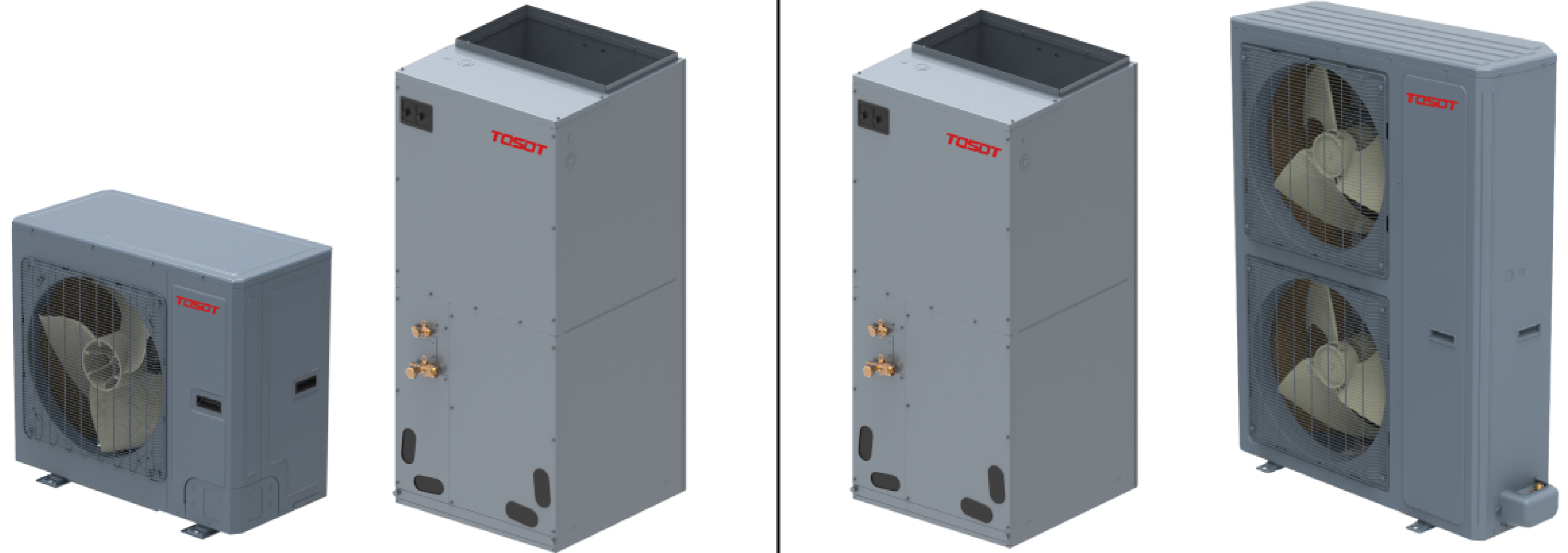
DC Inverter Driven
Two-Stage Rotary

Voltage / Cycle / Phase

208-230/60/1

Operating Range (°F)

Heating: -22°F - 75°F
Cooling: 5°F-130°F



Outdoor Unit		TU36-24WADU		TU60-24WADU	
Indoor Unit		TUD36-24AH2ADU		TUD60-24AH2ADU	
Capacity Selection		24k	36k	48k	54k
Cooling	Cooling Capacity Btu/hr.	24,000	36,000	48,000	54,000
	SEER	20	18	18	17
	EER	12.5	11	11	10.5
Heating	Heating Capacity Btu/hr.	24,000	36,000	48,000	54,000
	HSPF	10.5	10	10.5	10
	Electric Backup Heat Kit	FLEXXHTR5KW / FLEXXHTR8KW (5kw & 8kw Heater)		FLEXXHTR15KW (15kw Heater)	
Outdoor Unit	MCA	25		35	
	MOP	37		45	
	Outdoor Noise Level dB	59		58	
	Dimension: H x W x D in. (mm)	32 1/4 x 37 x 18 1/8 (820 x 940 x 460)		53 3/4 x 42 3/4 x 14 5/8 (1365 x 1085 x 370)	
	Carton Dimension: H x W x D in. (mm)	38 1/4 x 42 3/4 x 22 1/2 (972 x 1086 x 572)		59 1/4 x 45 3/8 x 19 3/8 (1505 x 1153 x 493)	
	Weight Net/Gross - lbs. (kg)	217.2/240.3 (98.5/109)		308.6/337.3 (140/153)	
Indoor Unit	Airflow CFM	940	1000	1470	1600
	Indoor Sound Level dB	49	49	50	51
	Metering Device	TXV		TXV	
	Breaker Size A	15		15	
	Maximum Static Pressure W.C.	0.5		0.6	
	Dimension: H x W x D in. (mm)	48 1/4 x 21 1/4 x 21 1/4 (1226 x 540 x 540)		57 x 24 3/4 x 21 1/4 (1448 x 630 x 540)	
	Carton Dimension: H x W x D in. (mm)	50 1/2 x 26 x 23 3/4 (1283 x 660 x 603)		59 3/8 x 27 2/8 x 26 (1508 x 693 x 660)	
	Weight Net/Gross - lbs. (kg)	156.5/169.8 (71/77)		202.8/218.3 (92/99)	
Control	Control Voltage	24VAC			
Piping	Refrigerant Type	R410A			
	Liquid O.D. in.	3/8			
	Suction O.D. in.	3/4			
	Factory Charge lbs. (kg)	9.26 (4.2)		13.78 (6.25)	
	Maximum Line Length ft. (m)	164 (50)		98 (30)	
	Maximum Height ft. (m)	50 (15)		50 (15)	