

**TQSDT**

**FLEXIBLE**  
Side discharge,  
small footprint,  
24V AC compatible

**COMFORTABLE**  
Quiet operation,  
optimal performance  
from -22°F to 129°F

**EFFICIENT**  
Up to 20 SEER/10.5 HSPF

**ADJUSTABLE**  
2-3 and 4-5 ton outdoor  
unit options



## CENTRAL AIR DUCTED SYSTEM





## SYSTEM TYPE

## HEAT PUMP

Outdoor Model		TU36-24WADU		TU60-48WADU					
Indoor Model		TUD24-24AH2ADU		TUD36-24AH2ADU		TUD48-24AH2ADU		TUD60-24AH2ADU	
<b>SYSTEM PERFORMANCE</b>									
Cooling Capacity	Btu/h	24000 (12000-24000)		36000 (18000-37000)		48000 (34000-48000)		54000 (35000-54000)	
Heating Capacity	Btu/h	24000 (12000-30000)		36000 (18000-38000)		48000 (34000-52000)		54000 (35000-60000)	
SEER / EER		20 / 12.5		18 / 11		18 / 11		17 / 10.5	
HSPF / COP		10.5 / 4.2		10 / 3.5		10.5 / 3.6		10 / 3.45	
SEER2 / EER2		17 / 12		16 / 10		17 / 11		15.8 / 10	
HSPF2		9		9		9		9	
AHRI Number		206414272		206414273		206414275		206414274	
Cooling Temperature Range	°F	5 - 129				5 - 129			
Heating Temperature Range	°F	-22 - 75				-22 - 75			
<b>INDOOR AIR HANDLER</b>									
Air flow (Rated)	CFM	960		1000		1380		1600	
Sound Pressure Level (Cooling / Heating)	dB(A)	45		47		50		51	
Dehumidification	pt/hr	6.03		9.68		9.94		13.29	
Electric Heater (Optional)	KW	5.8. 10		5.8. 10. 15		5.8.10. 15. 20		5.8.10. 15. 20	
External Dimensions (WxHxD)	in	21 1/4 X 48 1/4 X 21 1/4				24 3/4 X 57 X 21 1/4			
Power Supply	VAC	208 - 230V / 1Ph / 60Hz							
Weight (Net / Gross)	lbs	156/169				202/218			
External Static Pressure (Rated-Max)	In Wc	0.1/1.0		0.15/1.0		0.2/1.0		0.2/1.0	
<b>INDOOR A COIL</b>									
		TCAT24F/NaA		TCAT36F/NaA		TCAT48F/NaA		TCAT60F/NaA	
External Dimensions (W x H x D)	in	17 1/2 x 23 x 21 1/4				24 1/2 x 28 1/2 x 21 1/4			
Net Weight/ Gross Weight	lbs	64 / 75				95 / 110			
<b>OUTDOOR UNIT</b>									
Power Supply	VAC	208 - 230V / 1Ph / 60Hz							
Sound Pressure Level (Cooling / Heating)	dB(A)	57				58			
Control Voltage	VAC	24				24			
External Dimensions (WxHxD)	in	37 X 32 1/4 X 18 1/8				39 3/8 X 53 5/8 X 14 1/2			
Weight (Net / Gross)	lbs	217 / 240				308 / 337			
Refrigerant Charge - R410A	oz	148				220.5			
Additional Charge	oz/ft	0.32				0.32			
<b>REFRIGERANT PIPING</b>									
Line Set Size (Liquid - Gas) - Flared Connections	in	3/8 - 3/4							
Pre-Charge Length	ft	31							
Pipe Length (Min/ Max)	ft	10 / 100							
Max. Pipe Elevation	ft	50							