



ODYSSEY DIRECT DRIVE



Split System

60,000-120,000 BTU/H Light Commercial

TTA & TTH R410A Series 50Hz

TRANE
TECHNOLOGIES



Odyssey - Light Commercial Split System Air Conditioner

Trane brand new light commercial AHU with direct drive evaporator fan motor specially design for free blow or short duct application to meet market requirement with low noise and smooth operation.



Quality and Reliability

- Using scroll compressors from 5 to 10 tons capacity with excellent reliability and efficiency.
- All units are 100 percent run tested prior leaving the production line.
- Ease of service with access doors on condensing unit and AHU.
- External current overload for compressor with under/over voltage & phase protector.

TTH Direct Drive Air Handling Units

- Special design direct drive 3-speed motor.
- Excellent full drain pan.
- Discharge plenum for evenly distributed airflow (option)



Direct Drive Motor

TTA Condensing Units

Standard Features

- Powder paint finish.
- Refrigerant shut-off valve.
- High & Low pressure switches.



TTA Model

Options for TTA

- Horizontal air discharge.
- Blue fin, copper fin or anti-corrosion coating coil.

Trane Thermostat (Option)



Digital room thermostat with 3 speeds fan adjustment and ON/OFF switch. Temperature setting can be adjusted from 18-30°C with 7- segment LED display and auto restart function.

Product Specifications

Models	Indoor Unit		TTH060KB	TTH075KB	TTH100KB	TTH120KB
	Outdoor Unit		TTK060KD	TTA075JD	TTA100JD	TTA120JD
System Data	Cooling Capacity	Btu/h	60,000	75,000	101,000	120,000
	Airflow	CFM	2,000	2,500	3,400	4,000
Indoor Unit						
Electrical Data	Power Supply	V/Ph/Hz	220 - 240 / 1 / 50			
No. of Refrigerant Circuit			1	1	1	1
Expansion Device	Type		Thermostatic Expansion Valve			
Fan	Type		Forward Curve Centrifugal Fan			
	Qty		1	1	2	2
Fan Motor	Type		Permanent Split Capacitor - Direct Drive			
	RLA x Qty		2.02	2.82	2.02 x 2	2.19 x 2
Pre-Filter	Type		1-in Thickness Washable Aluminium			
Dimensions	H x W x D	mm	635 x 1,312 x 916		635 x 1,680 x 916	
Weight	Uncrated (net)	kg	82	86	130	135
Refrigerant Tube Size	Suction	in	1-1/8	1-1/8	1-1/8	1-3/8
	Liquid	in	3/8	1/2	1/2	1/2
Outdoor Unit						
Electrical Data	Power Supply	V/Ph/Hz	380 - 415 / 3 / 50			
No. of Refrigerant Circuit			1	1	1	1
Compressor	Type		Hermetic Scroll			
	RLA x Qty	A	9.8	12.4	17.6	19.8
Fan Motor	RLA x Qty	A	0.88 x 2	1.5	1.5	1.5
Dimensions	H x W x D	mm	1,254x988x350		1,070 x 1,042 x 953	
Weight (Each)	Uncrated (net)	kg	95	170	186	199
Piping Connection Type			Shut-off Valve - Braze Connection			
Refrigerant Tube Size	Suction	in	1/2	1/2	1/2	1/2
	Liquid	in	7/8	1-1/8	1-1/8	1-3/8
Refrigerant			R-410A (Holding Charge)			

NOTE 1. Rated capacity at ARI system rating conditions 80°FDB/67°FWB indoor and 95°FDB outdoor.
2. Outdoor unit's width and depth do not included the size of the mounting feet. For more detail, please see the drawing in installation manual.
3. Product design and specifications are subject to change without notice.



Trane (Thailand)

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