



FTKL Series

Stabilizer Inside

New age of Air-conditioning



Available in

Cooling (kW)

3.5, 5.0, 6.0, 7.1

IDU Colour: White



Indoor unit quiet operation



Econo mode



Coanda airflow



Power chill operation



PM2.5 filter

Specifications

Model name	Indoor unit	FTKL35TV16X	FTKL50TV16U / FTKL50TV16V	FTKL60TV16U	FTKL71TV16T	
	Outdoor unit	RKL35TV16X	RKL50TV16U / RKL50TV16V	RKL60TV16U	RKL71TV16T	
Power supply		1φ 50Hz 230V (220-240V)	1φ 50Hz 230V (220-240V)	1φ 50Hz 230V (220-240V)	1φ 50Hz 230V (220-240V)	
	Power supply intake	Outdoor unit	Outdoor unit	Outdoor unit	Outdoor unit	
Cooling capacity Rated Full/Half (min.~max.)	kW	3.5/1.75 (1.75~3.5)	5.0/2.5 (2.5~5.0)	6.0/3.0 (2.5~6.0)	7.1/3.55 (2.1~7.5)	
Cooling capacity Rated Full/Half (min.~max.)	Btu/h	11900/5970 (6000~11900)	17100/8500 (8500~17100)	20500/10240 (8500~20500)	24200/12113 (7200~25600)	
Power consumption Rated Full/Half (min.~max.)	W	1110/468 (468-1110)	1752/615 (615-1752)	1970/780 (720-1970)	2410/780 (600-3100)	
Annual Power consumption	kWh	732	1045	1255	1376.59	
ISEER / Star Rating	Wh/Wh	3.70/3*	3.70/3*	3.70/3*	3.99 / 3*	
Voltage Range	V	160-265	160-265	160-265	160-265	
Operating current	Cooling	A	4.87	7.71	8.67	10.6
Indoor unit						
Panel colour		White	White	White	White	
Dimensions HxWxD	mm	283x800x198	298 x 885 x 229	298 x 885 x 229	310x1100x239	
(Package dimensions)	mm	(265x855x340)	(375 x 980 x 325)	(375 x 980 x 325)	(330x1230x385)	
Weight (Gross)	kg	8 (12)	11 (16)	11 (16)	13 (18)	
Airflow rate	m ³ /min.	9.6	16.2	16.3	20.4(17.0)	
Operation sound H/M/ML/L/SL	Cooling	dBa	40/36/32/29/26	45/42/40/38/35	47/45/43/40/38	49/47/45/42/39
Outdoor unit						
Dimensions (H x W x D)	mm	550x765x285	595x845x300	595x845x300	595x845x300	
(Package dimensions)	mm	(642x932x380)	(680x1035x410)	(680x1035x410)	(680x1035x410)	
Weight (Gross)	kg	26(32)	34 (42)	35(43)	39(47)	
Operation sound H/L	Cooling	dBa	51/--	54/--	56/--	58/--
Compressor type		1YC22DXD#A	1YC32CXD#A	1YC32CXD#A	2YC40AXD#A	
Refrigerant (Amount)		R32(0.56kg)	R32(0.70kg)	R32(1.00kg)	R32(1.05kg)	
Breaker size	A	15	20	20	20	
Piping length	Charge-less	m	10	10	10	
	Max. length	m	20	20	30	
	Max. height	m	15	10	20	
Piping connection	Gas/Liquid	mm	φ9.5/ φ6.4	φ12.7 / φ6.4	φ12.7 / φ6.4	φ15.9/ φ6.4
Operation limit	Cooling	°CDB	19.4~50	19.4~50	19.4~50	19.4~50

Measurement conditions:

- Cooling capacity is based on: indoor temp. 27° CDB, 19° CWB; outdoor temp. 35° CDB, piping length 5 m.
- Sound levels are based on temperature conditions 1. above with 5m piping length. These are anechoic conversion values. These values are normally somewhat higher during actual operation as a result of ambient conditions.

Cooling and heating capacities above are rounded off to first decimal. 1TR (Ton of Refrigeration) = ~3.517 kilowatt.

For the complete feature list please refer pages 54 - 58.