

Duct Connection Series High Static Pressure Type

Recommended for spacious and large-volume areas because of its flexible installation. Suitable for large stores, factories, and other large areas, and for use with heating ducts in homes.

Highly Adaptable Installation

High static pressure and long piping enable flexible installation and use wherever the unit is placed.

Compact

Space-saving outdoor unit also enables lateral connection.

Durable

Highly durable outdoor unit employs PE fins, resists salt damage and atmospheric pollution.

Super Quiet

Indoor unit with the industry's lowest level of sound.

Central control

Many options are available for use with large-scale and advanced-function centrally controlled systems.

Indoor Unit



Remote Controller



Outdoor Unit



Cooling Only (50 Hz)

Model	Indoor unit	FD03KY1	FD04KY1	FD05KY1	FD06KY1	FD08KY1	FD10KUY1	FD15KY1	FD20KY1
	Outdoor unit	R71FUJ1	R100FUJ1	R125FUJ1	RU06KY1	RU08K(U)Y1	RU10K(U)Y1	RU08K(U)Y1×2	RU10K(U)Y1×2
Power Supply	Y1: 3 phase, 380-415 V, 50 Hz								
Cooling capacity *1(1)/(2)	kW	8.10/7.90	11.00/10.80	14.00/13.80	17.40/17.20	24.30/24.00	29.70/29.20	48.60/47.90	59.30/58.40
	Btu/h	27,800/27,000	37,700/36,900	47,600/46,800	59,500/58,800	83,000/81,800	101,200/99,600	166,000/163,500	202,400/199,400
	kcal/h	7,000/6,800	9,500/9,300	12,000/11,800	15,000/14,800	20,900/20,600	25,500/25,100	41,800/41,200	51,000/50,200

Cooling Only (60 Hz)

Model	Indoor unit	FD03KVAL	FD04KVAL	FD05KTAL	FD06KTAL	FD08KTAL	FD10KTAL	FD15KTAL	FD20KTAL
	Outdoor unit	R71FUVAL	R100FUVAL	R125FUVAL	RU06KTAL	RU08K(U)TAL	RU10K(U)TAL	RU08K(U)TAL×2	RU10K(U)TAL×2
Power Supply	VAL: 1 phase, 220 V, 60 Hz TAL: 3 phase, 220 V, 60 Hz								
Cooling capacity *1(1)/(2)	kW	8.60/8.50	12.10/11.90	15.50/15.20	17.40/17.30	24.30/24.00	29.70/29.20	48.60/47.90	59.30/58.40
	Btu/h	29,400/29,000	41,300/40,600	52,800/52,000	59,500/59,100	83,000/81,800	101,200/99,600	166,000/163,500	202,400/199,400
	kcal/h	7,400/7,300	10,400/10,200	13,300/13,100	15,000/14,900	20,900/20,600	25,500/25,100	41,800/41,200	51,000/50,200

Heat Pump (50 Hz/60 Hz)

Model	Indoor unit	50 Hz					60 Hz			
		FDY06KAY1	FDY08KAY1	FDY10KAY1	FDY15KAY1	FDY20KAY1	FDY08KATAL-YAL	FDY10KATAL-YAL	FDY15KATAL-YAL	FDY20KATAL-YAL
Power Supply	Outdoor unit	RY140LUY1	RY200KUY1	RY250KUY1	RY200KUY1×2	RY250KUY1×2	RY200KUTAL-YAL	RY250KUTAL-YAL	RY200KUTAL-YAL×2	RY250KUTAL-YAL×2
Y1: 3 phase, 380-415 V (4 wires), 50 Hz TAL: 3 phase, 220 V, 60 Hz YAL: 3 phase, 380 V, 60 Hz										
Cooling capacity *1(1)/(2)	kW	14.5/14.2	22.5/22.2	27.6/27.1	44.0/43.5	53.9/53.0	22.5/22.2	27.6/27.1	44.0/43.5	53.9/53.0
	Btu/h	49,500/48,500	76,800/75,700	94,200/92,500	150,000/148,000	184,000/181,000	76,800/75,700	94,200/92,500	150,000/148,000	184,000/181,000
	kcal/h	12,500/12,220	19,300/19,100	23,700/23,300	37,800/37,400	46,400/45,600	19,300/19,100	23,700/23,300	37,800/37,400	46,400/45,600
Heating capacity *2	kW	15.3	23.2	29.4	44.8	56.8	23.1	29.4	44.8	56.8
	Btu/h	52,200	79,200	100,700	153,000	194,000	78,800	100,300	153,000	194,000
	kcal/h	13,200	20,000	25,400	38,500	48,800	19,900	25,300	38,500	48,800

Notes: *1 Nominal cooling capacities are based on the following conditions:

(1) Return air temperature: 27°CDB, 19.5°CWB Outdoor temperature: 35°CDB Equivalent ref. piping: 5 m (Horizontal)

(2) Return air temperature: 27°CDB, 19.0°CWB Outdoor temperature: 35°CDB Equivalent ref. piping: 5 m (Horizontal)

*2 Nominal heating capacities are based on the following conditions:

Return air temperature: 20°CDB, Outdoor temperature: 7°CDB, 6°CWB Equivalent ref. piping: 5 m (Horizontal)

• Shows net capacities. When cooling it is the value minus the heat of the indoor unit fan motor. When heating, the heat of the fan motor is added.