



FDU71VNXVH

7.1 (3.2 ~ 8.0)

Indoor Unit : FDU71VH

Outdoor Unit : FDC71VNX

Specifications

R410A

Indoor unit		FDU71VH		
Outdoor unit		FDC71VNX		
Power source		1 Phase 220-240V, 50Hz / 220V, 60Hz		
Nominal cooling capacity (Min~Max)		kW	7.1 (3.2 ~ 8.0)	
Nominal heating capacity (Min~Max)		kW	8.0 (3.6 ~ 9.0)	
Power consumption		Cooling/Heating	kW	2.05 / 2.01
EER/COP		Cooling/Heating		3.46 / 3.98
Inrush current		A	5	
Max. running current		A	17	
Sound power level*1	Indoor *3	Cooling/Heating	dB(A)	65 / 65
	Outdoor	Cooling/Heating		66 / 66
Sound pressure level*1	Indoor *3	Cooling (Hi/Me/Lo/Ulo)	m ³ /min	38 / 33 / 29 / 25
		Heating (Hi/Me/Lo/Ulo)		38 / 33 / 29 / 25
	Outdoor	Cooling/Heating		51 / 48
		Cooling (Hi/Me/Lo/Ulo)		24 / 19 / 15 / 10
Air flow	Indoor *3	Heating (Hi/Me/Lo/Ulo)	24 / 19 / 15 / 10	
		Cooling/Heating	60 / 50	
	Outdoor	Cooling/Heating	60 / 50	
Available external static pressure		Pa	Standard:35 Max:200	
Exterior Dimensions	Indoor	Height x Width x Depth	mm	280 x 950 x 635
	Outdoor			750 x 880(+88) x 340
Net weight	Indoor / Outdoor		kg	34 / 60
Refrigerant		Type/GWP	R410A/2088	
Refrigerant		Charge	kg/TCO2Eq	2.95/6.160
Refrigerant piping size		Liquid/Gas	ø mm	9.52(3/8") / 15.88(5/8")
Refrigerant line (one way) length		m		Max.50
Vertical height differences		Outdoor is higher/lower	m	Max.30 / Max.15
Outdoor operating temperature range	Cooling*2		°C	-15~43
	Heating			-20~20
Air filter quantity		Procure locally		
Remote control (option)		wired:RC-EX3A, RC-E5, RCH-E3 wireless:RCN-KIT4-E2		
Energy Class (Cooling/Heating)		A/A		
SEER		5.24		
SCOP (Average climate)		3.90		
Pdesign (cooling/heating(@-10°C))		kW	7.1/7.0	
Annual Electricity Consumption (cooling/heating)		kWh/a	475/2516	

The data is measured under the following conditions(ISO-T1).

Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.

*1 : Indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

*2 : If a cooling operation is conducted when the outdoor air temperature is -5°C or lower, the outdoor unit should be installed at a place where it is not influenced by natural wind. If wind blows, the low pressure will drop and compressor frequency will increase, this will cause the capacity to drop and may cause the unit to break down.

*3 The values are for one indoor unit operation. (Multi system only)

External static pressure is changeable to be set by the remote control. MAX external static pressure is 'High static pressure' setting. The values of sound pressure level become 5dB(A) higher at external static pressure of 200Pa for FDU indoor models and 100Pa for FDUM indoor models

