



FDUM71VNPWVH

7.1 (1.5 ~ 7.3)

Indoor Unit : FDUM71VH

Outdoor Unit : FDC71VNP-W

Specifications

R32

Indoor unit				FDM71VH
Outdoor unit				FDC71VNP-W
Power source				1 Phase 220-240V, 50Hz / 220V, 60Hz
Nominal cooling capacity (Min~Max)			kW	7.1 (1.5 ~ 7.3)
Nominal heating capacity (Min~Max)			kW	7.1 (1.1 ~ 7.3)
Power consumption		Cooling/Heating	kW	2.60 / 1.89
EER/COP		Cooling/Heating		2.73 / 3.76
Inrush current			A	5
Max. running current			A	15.8
Sound power level*1	Indoor *3	Cooling/Heating	dB(A)	65 / 65
	Outdoor	Cooling/Heating		67 / 67
Sound pressure level*1	Indoor *3	Cooling (Hi/Me/Lo/Ulo)		38 / 33 / 29 / 25
		Heating (Hi/Me/Lo/Ulo)		38 / 33 / 29 / 25
	Outdoor	Cooling/Heating		54 / 54
Air flow	Indoor *3	Cooling (Hi/Me/Lo/Ulo)	m³/min	24 / 19 / 15 / 10
		Heating (Hi/Me/Lo/Ulo)		24 / 19 / 15 / 10
	Outdoor	Cooling/Heating		42 / 42
Available external static pressure			Pa	Standard:35 Max:100
Exterior Dimensions	Indoor	Height x Width x Depth	mm	280 x 950 x 635
	Outdoor			640 x 800(+71) x 290
Net weight	Indoor / Outdoor		kg	34 / 45
Refrigerant		Type/GWP		R32/675
Refrigerant		Charge	kg/TCO2Eq	1.3/0.878
Refrigerant piping size		Liquid/Gas	mm (ø inch)	6.35(1/4") / 12.7(1/2")
Refrigerant line (one way) length			m	Max.30
Vertical height differences		Outdoor is higher/lower	m	Max.20 / Max.20
Outdoor operating temperature range	Cooling*2		°C	-15~46
	Heating			-15~20
Air filter quantity				(Option) Filter kit : UM-FL2EF
Remote control (option)				wired:RC-EX3A, RC-E5, RCH-E3 wireless:RCN-KIT4-E2
Energy Class (Cooling/Heating)				A+/A+
SEER				5.86
SCOP (Average climate)				4.12
Pdesign (cooling/heating(@-10°C))			kW	7.1/5.70
Annual Electricity Consumption (cooling/heating)			kWh/a	425/1937
Designated Heating Season				Average

The data is measured under the following conditions (R32 : ISO-T1, -H1 /, R410A : 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.

- : Indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.
- : 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
- : 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.
- : The values are for one indoor unit operation. (Multi system only)

