



FDUM140VSXWVH

14.0 (3.5 ~ 16.0)

Indoor Unit : FDUM140VH

Outdoor Unit : FDC140VSX-W

Specifications

R32

Indoor unit		FDUM140VH	
Outdoor unit		FDC140VSX-W	
Power source		3 Phase 380-415V, 50Hz / 380V, 60Hz	
Nominal cooling capacity (Min~Max)		kW	14.0 (3.5 ~ 16.0)
Nominal heating capacity (Min~Max)		kW	16.0 (2.7 ~ 20.0)
Power consumption	Cooling/Heating	kW	4.22 / 4.22
EER/COP	Cooling/Heating		3.32 / 3.79
Inrush current		A	5
Max. running current		A	17
Sound power level*1	Indoor *3	Cooling/Heating	70 / 70
	Outdoor	Cooling/Heating	69 / 71
Sound pressure level*1	Indoor *3	Cooling (Hi/Me/Lo/Ulo)	47 / 40 / 35 / 30
		Heating (Hi/Me/Lo/Ulo)	47 / 40 / 35 / 30
	Outdoor	Cooling/Heating	54 / 54
Air flow	Indoor *3	Cooling (Hi/Me/Lo/Ulo)	48 / 35 / 28 / 22
		Heating (Hi/Me/Lo/Ulo)	48 / 35 / 28 / 22
	Outdoor	Cooling/Heating	100 / 100
Available external static pressure		Pa	Standard:60 Max:100
Exterior Dimensions	Indoor	Height x Width x Depth	mm
	Outdoor		
Net weight	Indoor / Outdoor	kg	54 / 99
Refrigerant	Type/GWP		R32/675
Refrigerant piping size	Liquid/Gas	ø mm	9.52(3/8") / 15.88(5/8")
Refrigerant line (one way) length		m	Max.100
Vertical height differences	Outdoor is higher/lower	m	Max.50 / Max.15
Outdoor operating temperature range	Cooling*2	°C	-15~50
	Heating		-20~20
Air filter quantity			(Option) Filter kit : UM-FL3EF
Remote control (option)			wired:RC-EX3A, RC-E5, RCH-E3 wireless:RCN-KIT4-E2
SEER			5.79
SCOP (Average climate)			3.88

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)

Schematics

Models FDUM100VH,125VH,140VH

