MITSUBISHI HEAVY INDUSTRIES
AIR CONDITIONING EUROPE

FDC224KXZE3A

22.4kW

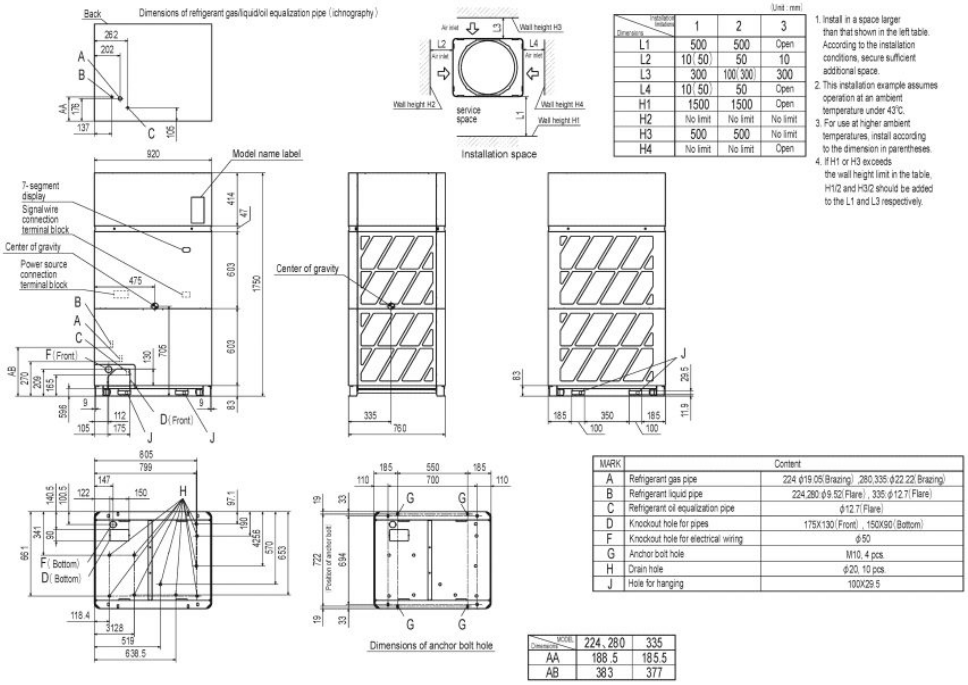
Specifications

Nominal horse power				8HP
Power source				3 Phase 380-415V 50Hz / 380V 60Hz
Starting current			A	5
Max Current			A	20.7
Nominal capacity	Cooling		kW	22.4
	Heating			22.4
Electrical characteristics Power Consumption		Cooling	kW	5.52
		Heating		4.58
EER	Cooling			4.06
COP	Heating			4.90
Exterior dimensions	HxWxD		mm	1750×920×760
Sound pressure level	Cooling/Heating		dB(A)	55 / 55
Net Weight			kg	262
Refrigerant	Type / GWP			R32 / 675
Refrigerant charge	R32		kg	7.1
Refrigerant piping size	Liquid line		mm (ø inch)	ø9.52 (3/8")
Refrigerant piping size	Gas line		mm (ø inch)	ø19.05 (3/4")
Capacity connection			%	50~150
Number of connectable indoor units				22
SEER / SCOP (Outdoor unit)				9.16 / 4.82

The data are measured under the following conditions (ISO-T1, H1). Cooling: Indoor temp. of 27ºCDB, 19ºCWB, and outdoor temp. of 35ºCDB. Heating: Indoor temp. of 20ºCDB, and outdoor temp. of 7ºCDB, 6ºCWB.
SEER/SCOP are based on EN14825:2018 and Commission regulation (EU) No.2016/2281. Temperature conditions for calculating SCOP are based on "Average climate".
Sound level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.
'tonne(s) of CO2 equivalent' means a quantity of greenhouse gases- expressed as the product of the weight of the greenhouse gases in metric tonnes and of their global warming potential.
Refrigerant contained in the products is a fluorinated greenhouse gas listed in Regulation (EU) No 517/2014.
When connecting the indoor unit type FDK, FDFL, FDFU or FDFW series, limit the connectable capacity not higher than 130%.

Because of our policy of continuous improvement, we reserve the right to make changes in all specifications without notice.

Schematics



Unit : mm

Dimensions \ Installation conditions	1	2	3
L1	500	500	Open
L2	10(50)	50	10
L3	300	100(300)	300
L4	10(50)	50	Open
H1	1500	1500	Open
H2	No limit	No limit	No limit
H3	500	500	No limit
H4	No limit	No limit	Open

1. Install in a space larger than that shown in the left table. According to the installation conditions, secure sufficient additional space.
2. This installation example assumes operation at an ambient temperature under 43°C.
3. For use at higher ambient temperatures, install according to the dimension in parentheses.
4. If H1 or H3 exceeds the wall height limit in the table, H1/2 and H3/2 should be added to the L1 and L3 respectively.

MARK	Content	
A	Refrigerant gas pipe	224:φ19.05(Brazing) ,280,335:φ22.22(Brazing)
B	Refrigerant liquid pipe	224,280:φ9.52(Flare) , 335:φ12.7(Flare)
C	Refrigerant oil equalization pipe	φ12.7(Flare)
D	Knockout hole for pipes	175X130(Front) , 150X90(Bottom)
F	Knockout hole for electrical wiring	φ80
G	Anchor bolt hole	M10, 4 pcs.
H	Drain hole	φ20, 10 pcs.
J	Hole for hanging	100X29.5

MODEL \ Dimension	224 , 280	335
AA	188 .5	185.5
AB	383	377

FDC224KXZE3A, FDC280KXZE3A, FDC335KXZE3A

Unit:mm

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