

MITSUBISHI HEAVY INDUSTRIES

FDE40ZSXW1VH

4.0 KW



Unitate interna : FDE40VH



Unitate externa : SRC40ZSX-W1

Specificații tehnice

R32

Unitate internă				FDE40VH
Unitate externă				SRC40ZSX-W1
Sursă de alimentare				Monofazic 220-240V, 50Hz / 220V, 60Hz
Capacitate nominală de răcire (Min~Max)			kW	4.0 (1.1 ~ 4.7)
Capacitate nominală de încălzire (Min~Max)			kW	4.5 (0.6 ~ 5.4)
Consum de energie		Răcire/Încălzire	kW	1.02 / 1.10
EER/COP		Răcire/Încălzire		3.92 / 4.09
Curent de intrare			A	5
Amperaj maxim			A	15
Nivel putere sonoră*[1]	U.I.	Răcire/Încălzire	dB(A)	60 / 60
	U.E.	Răcire/Încălzire		63 / 62
Nivel presiune sonoră*[1]	U.I.	Răcire (Hi/Me/Lo/Ulo)		46 / 38 / 36 / 31
		Încălzire (Hi/Me/Lo/Ulo)		46 / 38 / 36 / 31
	U.E.	Răcire/Încălzire		52 / 50
Flux de aer	U.I.	Răcire (Hi/Me/Lo/Ulo)	m^3/min	13 / 10 / 9 / 7
		Încălzire (Hi/Me/Lo/Ulo)		13 / 10 / 9 / 7
	U.E.	Răcire/Încălzire		39 / 30
Dimensiuni exterioare	U.I.	Înălțime / Lățime / Adâncime	mm	210 x 1,070 x 690
	U.E.			640 x 800(+71) x 290
Greutate netă	U.I. / U.E.		kg	28 / 45
Refrigerant		Tip/GWP		R32/675
Refrigerant		Încărcare	kg/TCO2Eq	1.30/0.878
Dimensiuni țeavă refrigerant		Lichid/Gaz	mm/□	6.35(1/4") / 12.7(1/2")
Lungime țeavă refrigerant (o direcție)			m	Max.30
Diferență de nivel suportată		Unitate externă este mai sus/mai jos	m	Max.20 / Max.20
Interval de funcționare - temperatură exterioară		Răcire*[2]	°C	-15~46
		Încălzire		-20~20
Filtru de aer (cantitate)				2 x Filtre lavabile din plastic
Telecomandă (opțional)				Cu fir:RC-EX3A, RC-E5, RCH-E3 Wireless:RCN-E-E3
Clasa Energetică (Răcire/Încălzire)				A++/A+
SEER				6.46
SCOP (Climat temperat)				4.02
Pdesign (răcire/încălzire(@-10°C))			kW	4.0/3.0
Consumul anual de electricitate (răcire/încălzire)			kWh/a	217/1045
Performanța pe modul încălzire				Climat temperat

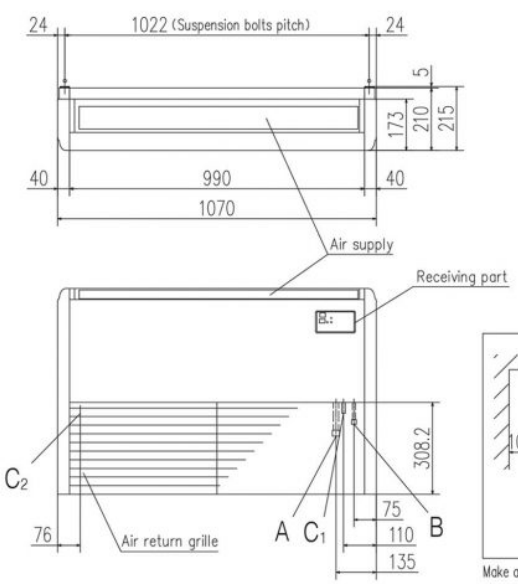
Datorită politicii de continuă îmbunătățire a produselor, ne rezervăm dreptul de a modifica specificațiile tehnice fără nicio notificare prealabilă.

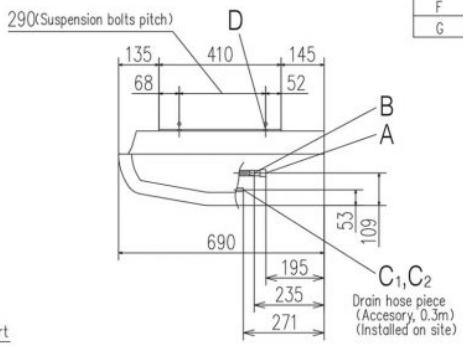
Schema tehnică
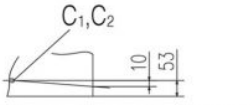
Models FDE40VH, 50VH

Symbol	Content	
A	Gas piping	ϕ12.7 (1/2") (Flare)
B	Liquid piping	ϕ6.35 (1/4") (Flare)
C 1,2	Drain piping	VP20 (I.D.20, O.D.26)
D	Hole for suspension bolts	(M10 or M8)
E	Back cutout	PE cover
F	Top cutout	Plate cover
G	Drain piping (for left back)	(Knock out)

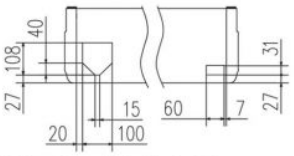
Note (1) The model name label is attached on the fan casing inside the air return grille.



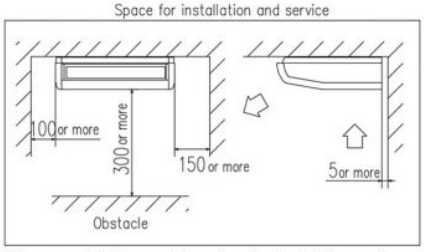




Note) The slope of drain piping inside the unit must take decline of 10mm.

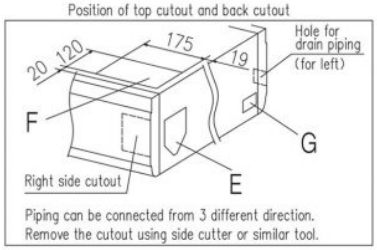


Space for installation and service



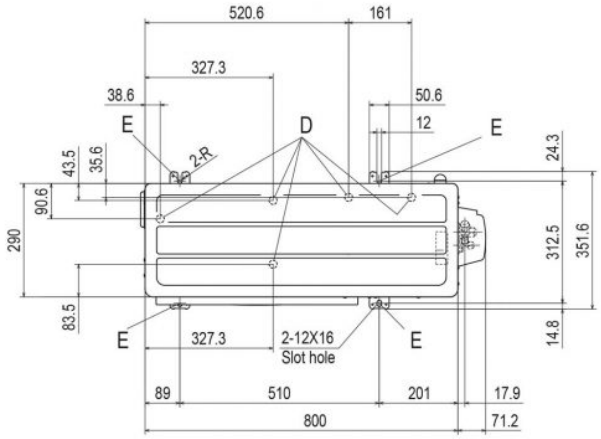
Make a space of 4000 or more between the units when installing more than one.

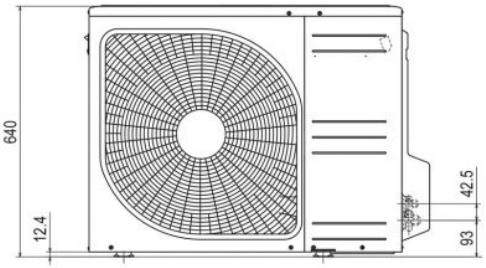
Position of top cutout and back cutout

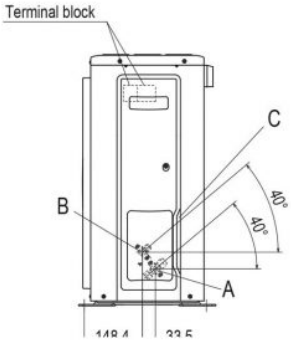


Piping can be connected from 3 different direction.
Remove the cutout using side cutter or similar tool.

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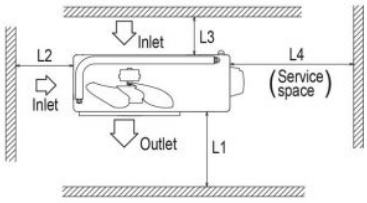




Symbol	Content	
A	Service valve connection (Gas side)	φ12.7(1/2")(Flare)
B	Service valve connection (Liquid side)	φ6.35(1/4")(Flare)
C	Pipe/cable draw-out hole	
D	Drain discharge hole	φ20×5 places
E	Anchor bolt hole	M10-12×4 places

Notes

(1) The unit must not be surrounded by walls on the four sides.
(2) The unit must be fixed with anchor bolts. An anchor bolt must not protrude more than 15mm.
(3) If the unit is installed in the location where there is a possibility of strong winds, place the unit such that the direction of air from the outlet gets perpendicular to the wind direction.
(4) Leave 200mm or more space above the unit.
(5) The wall height on the outlet side should be 1200mm or less.
(6) The model name label is attached on the front side of the unit.



Minimum installation space

Size \ Examples installation	I	II	III	IV
L1	Open	280	280	180
L2	100	75	Open	Open
L3	100	80	80	80
L4	250	Open	250	Open

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