



TEMPERATURE CONTROL  
FOR **TODAY & TOMORROW**

  
**MITSUBISHI**  
**HEAVY INDUSTRIES**

## FDTC71VNXWPVH

Capacitate nominala de racire: **7.1 KW**



## Poze unitate interna si unitate externa



## Specificatii

Unitate internă		FDTC40VH x 2	
Unitate externă		FDC71VNX-W	
Sursă de alimentare		Monofazic 220-240V, 50Hz / 220V, 60Hz	
Capacitate nominală de răcire (Min-Max)		kW	7.1 ( 3.2 ~ 8.0 )
Capacitate nominală de încălzire (Min-Max)		kW	8.0 ( 3.6 ~ 9.0 )
Power Consumption	Răcire/Încălzire	kW	1.73 / 1.83
EER/COP	Răcire/Încălzire	kW	4.12 / 4.37



## TEMPERATURE CONTROL FOR TODAY & TOMORROW



Curent de intrare			A	5
Max. current			A	19.1
Nivel putere sonoră*1	U.I.*3	Răcire/Încălzire	dB(A)	59 / 59
	U.E.	Răcire/Încălzire		66 / 66
Nivel presiune sonoră*1	U.I.*3	Răcire (P-Hi/Hi/Me/Lo)		44 / 40 / 35 / 27
		Încălzire (P-Hi/Hi/Me/Lo)	44 / 40 / 35 / 27	
	U.E.	Răcire/Încălzire	51 / 51	
Flux de aer	U.I.*3	Răcire (P-Hi/Hi/Me/Lo)	m <sup>3</sup> /min	13 / 11 / 9 / 7
		Încălzire (P-Hi/Hi/Me/Lo)		13 / 11 / 9 / 7
	U.E.	Răcire/Încălzire		60 / 50
Exterior dimensions	U.I.	HeightxWidthxDepth	mm	Unitate: 248 x 570 x 570 Panou: 10 x 620 x 620
	U.E.			
Greutate netă	U.E.	U.I./U.E.	mm kg	750 x 880(+88) x 340 16.5(Unitate:14 Panou standard:2.5) / 60
Refrigerant charge			kg/TCO <sub>2</sub> Eq	2.75/1.86
Refrigerant Type GWP				R32/675
Ref.piping size	Lichid/Gaz		Ă,mm	9.52(3/8") / 15.88(5/8")
Lungime țeavă refrigerant (o direcție)			m	Max. 50
Diferență de nivel suportată	Unitate externă este mai sus/mai jos		m	Max.30 / Max.15

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



## TEMPERATURE CONTROL FOR TODAY & TOMORROW



Interval de funcționare - temperatură exterioară	Răcire*2	°C	-15~50
	Încălzire	°C	-20~20
Panou			TC-PSA-5AW-E, TC-PSAE-5AW-E(Fagure) / TC-PSAG-5AW-E, TC-PSAGE-5AW-E(Grid)
Filtru de aer, cantitate			Filtru lavabil din plastic x 1 (Lavabil)
Telecomandă (opțional)			Cu fir:RC-EX3A, RC-E5, RCH-E3, Wireless:RCN-TC-5AW-E2, -E3
Clasa Energetică (Răcire/Încălzire)			A++/A+
SEER			6.70
SCOP (Climat temperat)			4.40
Pdesign (răcire/încălzire(@-10°C))			7.1/6.0
Annual Electricity Consumption			371/1911
Performanța pe modul încălzire			Climat temperat

## Schema tehnica

---

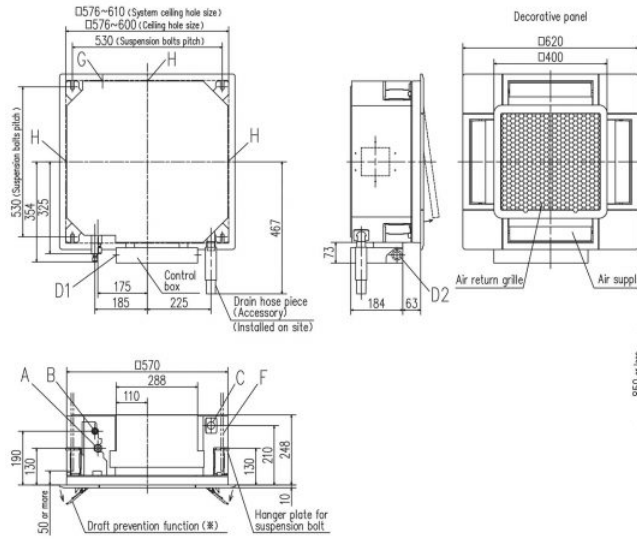
**Datorită politicii de continuă îmbunătățire a produselor, ne rezervăm dreptul de a modifica specificațiile tehnice fără nicio notificare prealabilă.**



# TEMPERATURE CONTROL FOR TODAY & TOMORROW

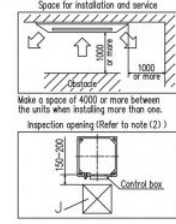
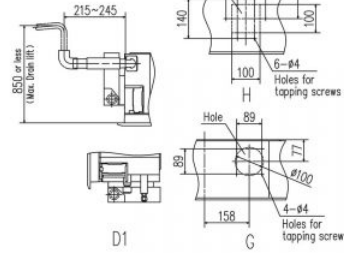


**FDTC25VH1 FDTC35VH1 FDTC40VH FDTC50VH FDTC60VH**



Notes (1) The model name label is attached to the control box lid.  
 (2) This unit is designed for 2x2 grid ceiling.  
 If it is installed on a ceiling other than 2x2 grid ceiling, provide an inspection opening on the control box side.  
 (3) Draft prevention function (\*) is provided on the panel TC-PSAE-SAW-E only.

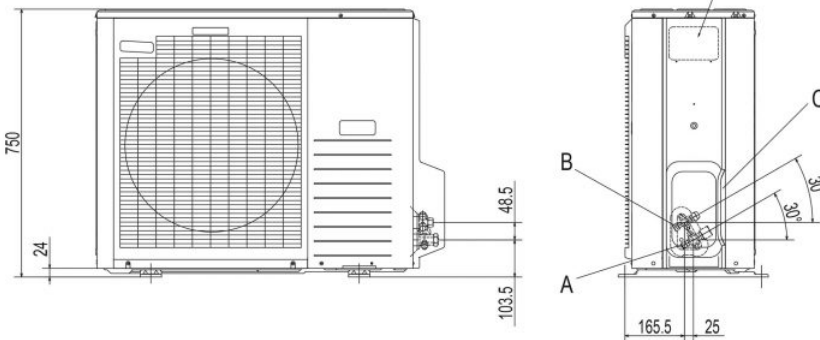
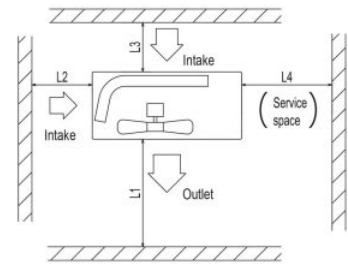
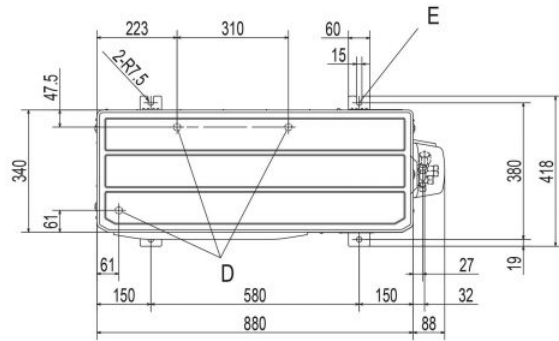
Symbol	Content
A	Gas piping 25-35 #9.52(3/8") (Flare) 40-50 #12.7(1/2") (Flare)
B	Liquid piping #6.35(1/4") (Flare)
C	Drain piping #25 (0.0.32)
D1	Power supply connection
D2	Remote control code and signal wiring connection
F	Suspension bolts (M10 or M8)
G	Outside air opening for ducting (Knock out)
H	Air outlet opening for ducting #125 (Knock out)
J	Inspection opening 450x450



**FDC71VNX-W  
FDC71VNX**

Symbol	Content
A	Service valve connection (gas side) φ15.88 (5/8") (Flare)
B	Service valve connection (liquid side) φ9.52 (3/8") (Flare)
C	Pipe/cable draw-out hole
D	Drain discharge hole φ20 × 3places
E	Anchor bolt hole M10 × 4places

Notes (1) It 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) Where the unit is subject to strong winds, lay it in such a direction that the blower outlet faces perpendicularly to the dominant wind direction.  
 (4) Leave 1m or more space above the unit.  
 (5) A wall in front of the blower outlet must not exceed the units height.  
 (6) The model name label is attached on the lower right corner of the front panel.



Minimum installation space

Examples of variation	I	II	III
Dimensions			
L1	Open	Open	500
L2	300	250	Open
L3	100	150	100
L4	250	250	250

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