

Kast single-split set FDF140VH 13,6 kW



Pluspunten

- + Geschikt voor lage plafonds
- + Flexibele plaatsing
- + Ideaal voor plekken waar muurruimte beperkt is

Dit product bestaat uit



Kastunit FDF140VH 14,0 kW
warmtepomp inverter R32 Inclusief
lekdetectiesensoren en afsluiters



Buitenunit FDC140VSA-W/1 14,0 kW
380/415V-3-50Hz warmtepomp
inverter R32

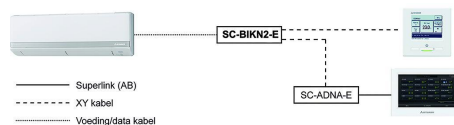
Accessoires



Externe module INWFIMHI001R100 voor aansluiting PAC en KX op draadloze netwerken



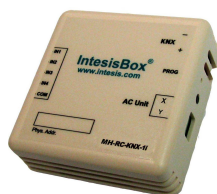
Infraroodbediening RCN-KIT4-E2/1 t.b.v. KX-systeem



Print SC-ADNA-E t.b.v. van koppeling RAC aan superlink II



Temperatuursensor extern SC-THB-E3



Interface INKNXMHI001R000 met KNX TP-1 protocol



Interface INMBSMHI001R000 met Modbus RTU protocol (RS485 netwerk)

Technische specificaties

Prestaties koelen

Koelcapaciteit [kW]	13,6(5,0~14,5)
Nominale koelcapaciteit [kW]	14,0
Pdesign cap. Koelen [kW]	n.v.t.
S.E.E.R.	5,20
E.E.R.	2,51
Energie label koelen	n.v.t.

Prestaties verwarmen

Verwarmingscapaciteit [kW]	15,5(4,0~16,5)
Verwarmingscapaciteit -10 °C [kW]	10,0
Pdesign cap verwarmen [kW]	n.v.t.
Opgenomen vermogen [kW]	5,42/4,98
Nominale stroomsterkte [A]	8,4/7,9
S.C.O.P.	3,99
C.O.P.	3,11
Jaarlijks energieverbruik [kW/uur]	N.B.
Temperatuurbereik verwarmen [°C]	-20~+21

Overig

PED categorie	Art.4 Lid 3 Installatie
Aansluitspanning [V/pH/Hz]	380-415/3/50
Afzekerwaarde [A]	16T
Bekabeling tussen binnen- en buitenunit [mm ²]	4x1,5
Voedingskabel	buiten
Maximale leidinglengte [m]	50
Maximaal hoogteverschil [m]	50/15
Koelleiding diameters [inch]	3/8 - 5/8
Type koudemiddel	R32
GWP waarde	675
Koudemiddel inhoud [kg]	3,3
CO ₂ equivalent (kg/ton)*	2,23
Buitenunit voorgevuld tot [m]	30
Extra vulling per meter [g/m]	54

Gegevens binnendeel

Kleur	Wit
Ingebouwde wifi-module	Optioneel
Luchthoeveelheid u-la/la/mi/ho [m ³ /uur]	1140/1380/1560/1740
Geluidsdruk u-la/la/mi/ho dB [dB(A)]	44/49/51/55
Geluidsvermogen [dB(A)]	72
Condensaansluiting Ø [mm]	25
Hoogte binnendeel [mm]	1850
Breedte binnendeel [mm]	600
Diepte binnendeel [mm]	329
Gewicht binnendeel [kg]	49,0

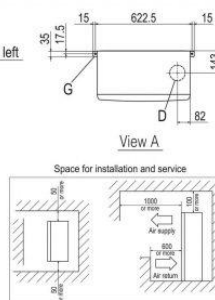
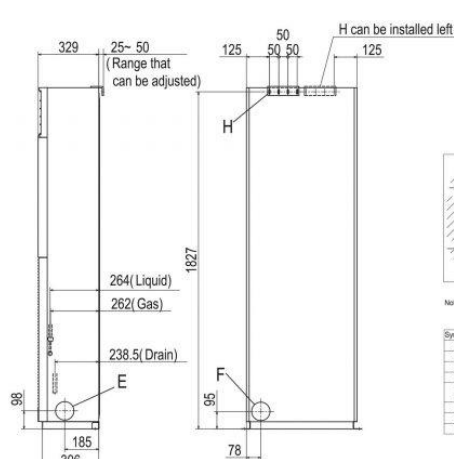
Gegevens buitendeel

Luchthoeveelheid (m ³ /uur)	4500
Geluidsdruk (silent mode) dB [dB(A)]	56
Hoogte buitendeel [mm]	845
Breedte buitendeel [mm]	970
Diepte buitendeel [mm]	370
Gewicht [kg]	78,0
Subsidiael	Ja

Maatschettstekeningen

Figure 1: Dimensions of the terminal block. The diagram shows a side view of the terminal block with various components and their dimensions in millimeters. The dimensions are as follows:

- Top width: 600 (outer), 490 (inner)
- Top section height: 197.5
- Middle section height: 80
- Air return grille height: 120
- Terminal block height: 650
- Total height: 1850
- Terminal block width: 150 (Center of terminal block)
- Terminal block height: 45, 48, 93
- Terminal block width: 196, 400.5, 474
- Terminal block height: 852 (Center of terminal block), 812.5, 890
- Terminal block width: 537



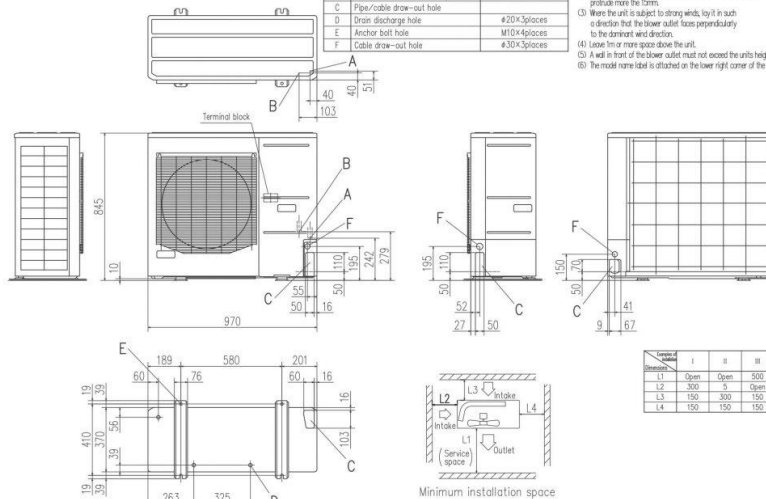
Note(1): The model name label is attached on the left lower side panel inside the air return grille.

Symbol	Content
A	Gas piping
B	Liquid piping
C	Drain piping
D	Hole on wall for bottom piping
E	Hole on wall for side piping/ Fresh air intake (Both left and right)
F	Hole on wall for rear piping
G	Metal fittings to fix to floor face
H	Gal. insulating metal flange

Symbol	Content
A	Service valve connection (gas side) #15.88 (5/8") (Flare)
B	Service valve connection (liquid side) #9.52 (3/8") (Flare)
C	Pipe/cable draw-out hole
D	Drain discharge hole #20x3places
E	Anchor bolt hole M10x4places
F	Cable draw-out hole #30x3places

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.



Group of problems	I	II	III
L1	Open	Open	500
L2	300	5	Open
L3	150	300	150
L4	150	150	150

Minimum installation space