

Specifica Tecnica

F35MCEA-42-7 AL - E+HD



APPLICATION	PRODUCT TYPE	CALCULATION DATE	DUTY MODE
Espansione diretta per HFC	Optigo FMC	21.03.2024	RATING
LABEL	PROJECT/QUOTE	POSITION REF.CUSTOMER	QTY
F35MCEA-42-7 AL e+hd	49357826		1



Thermal Data ^{(5), (14), (15)}

Capacità calcolata	16,20 kW	Sensible Heat Ratio	0,75
Condensazione	5,8 kg/h	Temperatura d'evaporazione	-8,0 °C
DTM	6,1 Δ°C	Temperature Type	DEW
Temperatura refrigerante liquido	30,0 °C		

Air Data

Air Temperature ON/OFF	0,0 °C / -3,4 °C	Flusso d'aria	10400 m ³ /h
Air ON/OFF Relative humidity	85,0 % / 93,8 %	Velocità dell'aria	3,1 m/s
DT1 (AirOnTemp-EvapTemp)	8,0 Δ°C	Lancio d'aria	24 m

Fluid

Fluido	R404A
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Fan Data

Tipo di ventilatore	AC	Numero di ventilatori	4
Diametro del ventilatore	350 mm	Velocità di rotazione	1450 rpm
ErP 2015	SÃ-		

Electrical Fan Data

Power Supply	230V / Monofase / 50 Hz / S	Potenza nom. tot.	700 W
Min/Max Work. Temp.	-40,0 °C / 50,0 °C	Corrente nom. tot. ⁽³⁾	3,2 A
Corrente a pieno carico	4,4 A		

Sound Level

Livello di potenza sonora	79 dB(A)	Livello di pressione sonora ⁽¹⁾	58 dB(A)
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Coil Data

Materiale del tubo	Rame	Materiale dell'aletta	Alluminio
Spaziatura alette	7,0 mm	Dimensione connessioni batteria (Entrata-Uscita)	1x22mm-1x42mm
Numero di circuiti	18	Superficie	52,4 m ²
Volume interno	11,5 l	Connection Side	Stesso lato
Pressione di progettazione	24 bar	Tipo di tubo	Triangolare

Casing&Frame

Casing Material	Galvanized Steel Painted RAL9003
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Dimensions ⁽²⁾

LengthXDepthXHeight	2535 mm / 525 mm / 530 mm	Unit Weight	85 kg
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Electrical Defrost Consumption

No of heater coil	6	No of heater drip tray	1
Coil power consumption	9000 W	Drip tray power consumption	940 W

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Configuration IDs

Coil Configuration	AL/7.0/1x22mm-1x42mm/S
Fan Configuration	32010289/S
Options Configuration	E+HD

VALORI DI LISTINO

30/11/2022 00:00

DESCRIPTION

KIT CODE

Unit

Valore di listino dell'unit

Ventilatore - AC - 1450 rpm - 230V - 50 Hz

Pacchetto alette - Alluminio - 7,0 mm

Materiale involucro - Galvanized Steel Painted RAL9003

Sistema di scongelamento - Electrical+Heater drip tray E+HD

Valore di listino delle opzioni

Valore di listino delle opzioni kit

NOTES

¹By using EN13487 at 3 m in free field conditions, if distance is not specified differently from user ²Dimensions and weight are not valid for all available options. Drawings are only preliminary, indicative and without accessories. ³Total nominal current at Tair=20°C (68°F). Variation could occur due to different voltage or air temperature. ⁵LU-VE S.p.A. reserves the right to modify and correct at any time, with or without notice, the specifications and prices listed in the software. Options not specified in the "Value Summary" table are not included in the offer. ¹⁴General conditions of sales available on www.luvegroup.com. ¹⁵LU-VE products are designed, manufactured and tested according to PED 2014/68/EU, MD 2006/42/EC, LVD 2014/35/EU, EMC 2014/30/EU and their related harmonized standards.

Calculation Engines
Item ID

HSP - 0.1.1.27 LuveCalc - 1.0.7.82
49358452

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