

# Specifica Tecnica

## FMDE 4417 AL - E/CR



APPLICATION	PRODUCT TYPE	CALCULATION DATE	DUTY MODE
Espansione diretta per HFC	Optigo FMD	21.03.2024	RATING
LABEL	PROJECT/QUOTE	POSITION REF.CUSTOMER	QTY
FMDE 4417 AL + e	49357924		1



### Thermal Data <sup>(5), (14), (15)</sup>

Capacità calcolata	10,30 kW	Sensible Heat Ratio	0,76
Condensazione	3,6 kg/h	Temperatura d'evaporazione	-8,0 °C
DTM	6,4 Δ°C	Temperature Type	DEW
Temperatura refrigerante liquido	30,0 °C		

### Air Data

Air Temperature ON/OFF	0,0 °C / -3,0 °C	Flusso d'aria	7600 m <sup>3</sup> /h
Air ON/OFF Relative humidity	85,0 % / 92,6 %	Velocità dell'aria	2,3 m/s
DT1 (AirOnTemp-EvapTemp)	8,0 Δ°C	Lancio d'aria	16 m

### Fluid

Fluido	R404A		
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### Fan Data <sup>(6)</sup>

Tipo di ventilatore	EC	Numero di ventilatori	4
Diametro del ventilatore	350 mm	Velocità di rotazione	1100 rpm
ErP 2015	SÃ-	Rpm Massimi	1100 rpm

### Electrical Fan Data

Power Supply	230V / Monofase / 50 Hz / S	Potenza nom. tot.	340 W
Min/Max Work. Temp.	-25,0 °C / 60,0 °C	Corrente nom. tot. <sup>(3)</sup>	2,9 A
Corrente a pieno carico	3,5 A	Fans Oper. power cons.	340 W
Fans Operating current	2,8 A		

### Sound Level

Livello di potenza sonora	76 dB(A)	Livello di pressione sonora <sup>(1)</sup>	55 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)	1x16mm-1x35mm
Numero di circuiti	8	Superficie	34,9 m <sup>2</sup>
Volume interno	7,9 l	Connection Side	Stesso lato
Pressione di progettazione	24 bar	Tipo di tubo	Triangolare

### Casing&Frame

Casing Material	Aluminum alloy epoxy coated		
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### Dimensions <sup>(2)</sup>

LengthXDepthXHeight	2553 mm / 886 mm / 263 mm	Unit Weight	68 kg
Shipping Volume	0 m <sup>3</sup>		

### Electrical Defrost Consumption

No of heater drip tray	2	Drip tray power consumption	6200 W
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### Configuration IDs

Coil Configuration	AL/7.0/1x16mm-1x35mm/S
Fan Configuration	32009489/S
Options Configuration	E/CR

VALORI DI LISTINO

30/11/2022 00:00

### DESCRIPTION

### KIT CODE

Unit

#### Valore di listino dell'unit

Ventilatore - EC - 1100 rpm - 230V - 50 Hz

Pacchetto alette - Alluminio - 7,0 mm

Materiale involucro - Aluminum alloy epoxy coated

Tipo configurazione cablaggio

Sistema di scongelamento - Elettrico

Imballaggio - Gabbia

#### Valore di listino delle opzioni

#### Valore di listino delle opzioni kit

### NOTES

- <sup>1</sup>By using EN13487 at 3 m in free field conditions, if distance is not specified differently from user <sup>2</sup>Dimensions and weight are not valid for all available options. Drawings are only preliminary, indicative and without accessories. <sup>3</sup>Total nominal current at Tair=20°C ( 68°F). Variation could occur due to different voltage or air temperature. <sup>5</sup>LU-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. <sup>6</sup>The connection box is included. <sup>14</sup>General conditions of sales available on [www.luvegroup.com](http://www.luvegroup.com). <sup>15</sup>LU-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

HSP - 0.1.1.27 LuveCalc - 1.0.7.82

### Item ID

49358403

