

Specifica Tecnica

F35MCEA-21-7 AL - /E+HD



| | | | |
|----------------------------|--------------|------------------|-----------|
| APPLICATION | PRODUCT TYPE | CALCULATION DATE | DUTY MODE |
| Espansione diretta per HFC | Optigo FMC | 30.01.2023 | RATING |
| LABEL | | | |
| F35MCEA-21-7 AL - /E+HD | | | |

Thermal Data^{(5), (13), (14), (15)}

| | | | |
|----------------------------------|----------|----------------------------|---------|
| Capacità calcolata | 6,10 kW | Sensible Heat Ratio | 0,76 |
| Condensazione | 2,2 kg/h | Temperatura d'evaporazione | -8,0 °C |
| DTM | 6,7 Δ°C | Temperature Type | DEW |
| Temperatura refrigerante liquido | 30,0 °C | | |

Air Data

| | | | |
|------------------------------|------------------|--------------------|------------------------|
| Air Temperature ON/OFF | 0,0 °C / -2,5 °C | Flusso d'aria | 5400 m ³ /h |
| Air ON/OFF Relative humidity | 85,0 % / 91,5 % | Velocità dell'aria | 3,2 m/s |
| DT1 (AirOnTemp-EvapTemp) | 8,0 Δ°C | Lancio d'aria | 19 m |

Fluid

| | |
|--------|-------|
| Fluido | R404A |
|--------|-------|

Fan Data

| | | | |
|--------------------------|--------|-----------------------|----------|
| Tipo di ventilatore | AC | Numero di ventilatori | 2 |
| Diametro del ventilatore | 350 mm | Velocità di rotazione | 1450 rpm |
| ErP 2015 | Sì | | |

Electrical Fan Data

| | | | |
|-------------------------|-----------------------------|-----------------------------------|-------|
| Power Supply | 230V / Monofase / 50 Hz / S | Potenza nom. tot. | 410 W |
| Min/Max Work. Temp. | -40,0 °C / 50,0 °C | Corrente nom. tot. ⁽³⁾ | 1,8 A |
| Corrente a pieno carico | 2,2 A | | |

Sound Level

| | | | |
|---------------------------|----------|--|----------|
| Livello di potenza sonora | 76 dB(A) | Livello di pressione sonora ⁽¹⁾ | 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) | 1x12mm-1x28mm |
| Numero di circuiti | 6 | Superficie | 17,4 m ² |
| Volume interno | 4,0 l | Connection Side | Stesso lato |
| Pressione di progettazione | 24 bar | Tipo di tubo | Triangolare |

Casing&Frame

| | |
|-----------------|-------------------------------------|
| Casing Material | Galvanized Steel Painted RAL9003 |
|-----------------|-------------------------------------|

Dimensions⁽²⁾

| | | | |
|---------------------|---------------------------|-------------|-------|
| LengthXDepthXHeight | 1425 mm / 525 mm / 530 mm | Unit Weight | 41 kg |
|---------------------|---------------------------|-------------|-------|

Electrical Defrost Consumption⁽⁷⁾

| | | | |
|------------------------|--------|-----------------------------|-------|
| No of heater coil | 4 | No of heater drip tray | 1 |
| Coil power consumption | 3200 W | Drip tray power consumption | 480 W |

Configuration IDs

| | |
|-----------------------|------------------------|
| Coil Configuration | AL/7.0/1x12mm-1x28mm/S |
| Fan Configuration | 32010289/S |
| Options Configuration | /E+HD |

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VALORI DI LISTINO 12/01/2022 00:00

| DESCRIPTION | KIT CODE | DISCOUNT% | VALUE |
|---|----------|-----------|----------|
| Unit | | | |
| Valore di listino dell'unità | | | |
| Ventilatore - AC - 1450 rpm - 230V - 50 Hz | | | Incluso |
| Pacchetto alette - Alluminio - 7,0 mm | | | Incluso |
| Materiale involucro - Galvanized Steel Painted RAL9003 | | | Incluso |
| Tipo configurazione cablaggio | | | Incluso |
| Sistema di scongelamento - Electrical+Heater drip tray E+HD | | | |
| Valore di listino delle opzioni | | | |
| Valore di listino delle opzioni kit | | | included |

Full Value

NOTES

- 1 By using EN13487 at 3 m in free field conditions, if distance is not specified differently from user
- 2 Dimensions and weight are not valid for all available options. Drawings are only preliminary, indicative and without accessories.
- 3 Total nominal current at Tair=20°C (68°F). Variation could occur due to different voltage or air temperature.
- 5 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.
- 7 Single electrical heater 230 V
- 13 Due to the current abnormal level of uncertainty in the procurement of raw materials and in particular of electronic components, the delivery time of some fans might be exceedingly long. Your local LU-VE S.p.A. contact will support you in the selection of products with better delivery time.
- 14 General conditions of sales available on www.luvegroup.com.
- 15 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 - 0.1.1.14.hf1 LuveCalc - 1.0.7.68
Item ID 49192687



The certified performances and conditions in this software are in line with performances and conditions published on EUROVENT website. Those performances can be verified in www.eurovent-certification.com. The EUROVENT certification refers to the unit in standard configuration, additional options may impact on declared reference performance.

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