












APPLICATION	PRODUCT TYPE	CALCULATION DATE		DUTY MODE
Direct Expansion	PHASE OUT - Optigo CC (250,350,400,CCX500)	08.12.2025		RATING
LABEL	PROJECT/QUOTE	POSITION	REF.CUSTOMER	QTY
CCEH251.1CS 230V BO PCE AL 7.0 CU	48917168			1

<div> Thermal Data ^{(5), (14), (15)}</div>			
Calculated Capacity	2,41 kW	Sensible Heat Ratio	0,72
Condensate	1,0 kg/h	Evaporating Temperature	-8,0 °C
DTM	6,0 Δ°C	Temperature Type	DEW
Ref Temperature Liquid	30,0 °C		
<div><div></div> Air Data</div>			
Air Temperature ON/OFF	0,0 °C / -4,1 °C	Air Flow	1171 m³/h
Air ON/OFF Relative humidity	85,0 % / 96,0 %	Air Velocity	1,9 m/s
DT1 (AirOnTemp-Evap.Temp.)	8,0 Δ°C	Air Throw	10 m
<div><div></div> Fluid</div>			
Fluid	R404A		
<div><div></div> Fan Data</div>			
Fan Type	EC	Number of fans	1
Fan Diameter	250 mm	Rotation Speed	2250 rpm
ErP 2015	Yes	Max Rpm	0 rpm
<div><div></div> Electrical Fan Data</div>			
Power Supply	230V / S / 50 Hz / S	Total Nominal Power	70 W
Min/Max Work. Temp.	-40,0 °C / 60,0 °C	Total Nominal Current ⁽³⁾	0,6 A
Full Load Current	0,8 A		
<div><div></div> Sound Level</div>			
Sound Power Level	73 dB(A)	Sound Pressure Level ⁽¹⁾	52 dB(A)
<div><div></div> Coil Data</div>			
Tube Material	Copper	Fin Material	Aluminium
Fin Spacing	7,0 mm	Connections Size (In-Out)	12mm - 16mm
Number Of Circuits	4	Surface	10,4 m²
Internal Volume	3,7 l	Connection Side	Same
Design Pressure	40 bar	Tube Pattern	TRIANGULAR
<div><div></div> Casing&Frame</div>			
Casing Material	Powder Coated	Frame Material	Standard
<div><div></div> Dimensions⁽²⁾</div>			
LengthXDepthXHeight	811 mm / 464 mm / 423 mm	Unit Weight	20 kg
Shipping Volume	0 m³		
<div><div></div> Electrical Defrost Consumption</div>			
No of heater coil	4	No of heater drip tray	1
Coil power consumption	1680 W	Drip tray power consumption	420 W
<div><div></div> Configuration IDs</div>			
Coil Configuration			AL/7.0/12mm-16mm/S
Fan Configuration			FE30/S
Options Configuration			PC/CB/E/BO

SUMMARY	
DESCRIPTION	Kit CODE
Unit	
Fan - EC - 2250 rpm - 230V - 50 Hz	
Fin pack - Aluminium	
Casing Material - Powder Coated	
Drip tray	
Connection Box - EC Motor connection	
Coil frame	
Defrost System - Electrical	
Packing - Box	

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. ⁴LU-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. ⁵General conditions of sales available on www.luvegroup.com. ⁶LU-VE ventilated products comply with European Directives PED 2014/68/EU, LVD 2014/35/EU, EMC 2014/30/EU and are classified as Partly Completed Machinery as per MD 2006/42/EC Annex II.B, therefore not CE marked. Furthermore, ventilated products are not intended for use in potentially explosive atmosphere or with refrigerants not approved by the manufacturer.

Calculation Engines AirThinker - 1.0.7.156 HSP - 0.1.1.31.p
Item ID 49570596

