

Technical Specification

AGS501.2ASH/V CU 2.5 CU - GSP/BO



APPLICATION	PRODUCT TYPE	CALCULATION DATE	DUTY MODE
Condenser	AlfaBlue Junior (Phase out by 01/2025)	08.12.2025	RATING
LABEL	PROJECT/QUOTE	POSITION	REF.CUSTOMER
AGS501.2ASH/V CU 2.5 CU options GSP/BO/CV	48917168		
		QTY	
		1	



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

Calculated Capacity	21,57 kW	Temperature Type	DEW
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Air Data

Air Temperature ON/OFF	25,0 °C / 33,5 °C	Air Flow	7816 m³/h
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Fluid

Fluid	R404A	Fluid Pressure Drop	26,6 kPa
Condensing Temperature	40,0 °C	Super Heated	defined DTsh=50K

Fan Data

Fan Type	AC	Number of fans	1
Fan Diameter	500 mm	Rotation Speed	1240 rpm
ErP 2015	Yes	Fan installation	Airflow Vertical

Electrical Fan Data

Power Supply	230V / S / 50 Hz / S	Total Nominal Power	720 W
Min/Max Work. Temp.	-31,0 °C / 70,0 °C	Total Nominal Current ⁽³⁾	3,2 A
Full Load Current	3,8 A		

Sound Level

Sound Power Level	83 dB(A)	Sound Pressure Level ⁽⁴⁾	52 dB(A)
Distance	10,00 m		

Coil Data

Tube Material	Copper	Fin Material	Copper
Fin Spacing	2,5 mm	Connections Size (In-Out)	16mm - 16mm
Number Of Circuits	8	Surface	24,8 m²
Internal Volume	3,1 l	Connection Side	Same

Casing&Frame

Casing Material	Galvanized Steel Painted	Frame Material	Aluzinc
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Dimensions⁽²⁾

LengthXDepthXHeight	1115 mm / 520 mm / 828 mm	Unit Weight	55 kg
Shipping Volume	1 m³		

Configuration IDs

Unit Configuration	AGS501.2A8
Coil Configuration	CU/2.5/16mm-16mm/S
Fan Configuration	H/FA65/S
Options Configuration	GSP/BO

SUMMARY

DESCRIPTION

Kit CODE

Unit
Fan - AC - 1240 rpm - 230V - 50 Hz
Fin pack - Copper
Casing Material - Galvanized Steel Painted
Coil frame
Packing - Box

NOTES

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. ⁴By using the enveloping surface method according to EN 13487 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 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
Item ID

AirThinker - 1.0.7.156 HSP - 0.1.1.31.p
49570678

