

Date 23/4/2025
 For the attention of: Markku Heinonen
 Reference RE25-0561
 Operator Beatrice Santi



GAS COOLER

Type: SAV5N 4322-4 V (1X2) CO2 - EC fans – SUMMER SPEC#PRO

Refriger (u) 2025 Ver. 2.3.2.408 - PRICE LIST 1/11/2024

Air inlet temperature	[°C]	27,0
CO2 inlet temperature	[°C]	123,1
CO2 outlet temperature	[°C]	30,0
Pressure	[bar]	80
Refrigerant		CO2
CO2 flow	[kg/h]	901,4
CO2 pressure drop	[kPa]	49,3
Altitude	[m]	0
Version		Vertical

Power supply		400V-3PH-50Hz	EC FANS	
Capacity	[kW]		47,9	
Air flow	[m3/h]		13.487,1	
Power consumption	[W]		1.135	
Motor consumption	[A]		2,0	
Fan speed	[1/min]		1370	(0-10 V, settable max rpm)
Sound level (at distance 10 [m])	[dB(A)]		50	
Sound Power Level	[dB(A)]		82	
Fans:	[mm]	2 x 500	Surface	[m2]
Poles	[n]	EC FANS	Volume	[dm3]
Fin Spacing	[mm]	2,4	Weight	[kg]
Max Working pressure	[bar]	130,0	Circuit	[n]
Max operating temperature	[°C]	150,0	Overall dimensions	[mm]
Casing material	Powder coated galvanized steel RAL 9003		Fin material	Al
Header material	Special Cu alloy (K65)		Tube material	Cu
				88,5
				9,5
				119
				8
				1.895 x 471 x 832

* Refer to LU-VE S.p.A. instruction manuals for details, data and standards. Noise level according to EN 13487. The current refers to nominal value. For max current see catalogues. Weight and dimensions are not valid for all possible configurations. All fans are ErP 2015-compliant (Directive 2009/125/EC Energy-related products). 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 Refriger software. For products manufactured in the Russian Federation please contact the sales office. Specification related to ventilator voltage (Volt), current (Ampere), electrical power (Watt) can be slightly different and are available here. The specification is related to a single ventilator. **WARNING: please always contact LU-VE S.p.A. before copying a regulation NOT supplied by LU-VE S.p.A.**

New EC fan. When setting up the rpm take into consideration a tolerance of $\pm 5\%$. Self-protection, suitable for regulation by signal 0-10 VdC or BUS RS485.

SOUND POWER LEVEL

	Tot.	63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz
400V-3PH-50Hz [dB(A)]	79	55	57	61	71	77	69	62	54

Data refers to one fan. **IMPORTANT: the tolerance in any single octave band is ± 5 dB. The tolerance in the overall dB(A) level is ± 2 dB.**

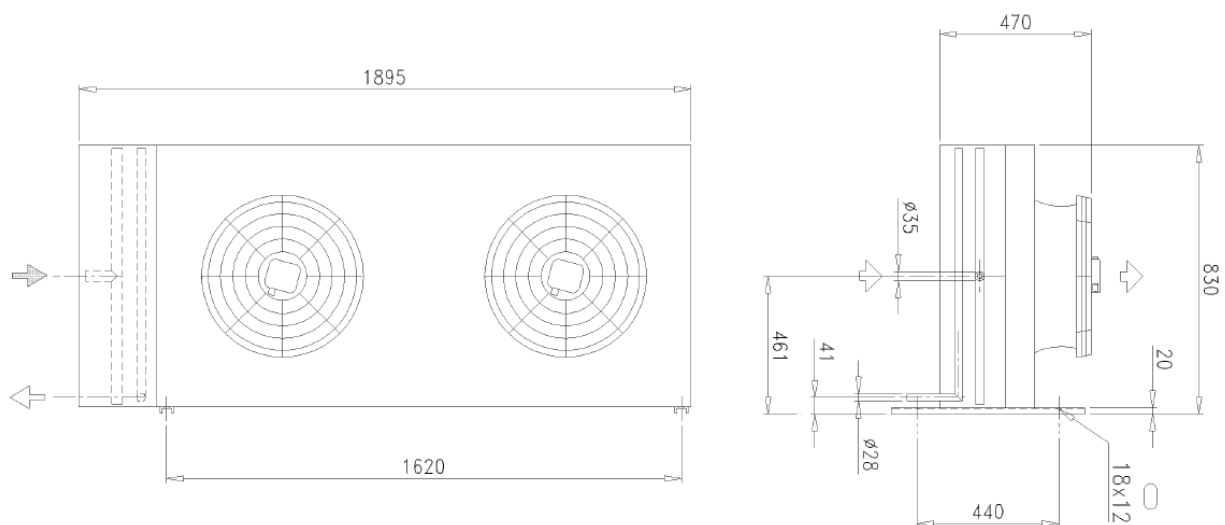
Accessories:

Q.ty	Code	Type:	Description
1	FINS	Special Fin Spacing	Special Fin Spacing = 2,4mm
4	30098734	TAM5	ANTI-VIBRATION PADS
2	31069713A	EC FAN - 400V - 1600rpm	EC FANS
1	CABL	CABLAGGIO	JUNCTION BOX WIRING
2	IE0000002	IS	WIRED ISOLATOR SWITCH

Winter Conditions

Air inlet temperature	[°C]	5,0
Condensing temperature	[°C]	15,0
Subcooling	[K]	1,0
Hot Gas Temperature	[°C]	50,0
Refrigerant		CO2
Capacity	[kW]	35,6

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Drawing of the corresponding Freon condenser, CO2 unit has same overall dimensions but different headers.

Ask AI Assistant

Simplify the document for me

Date	17-09-08	Type: SAV5N 4322-4 V (1X2)
Scale	1:15	Code: SAV5N43224a