

Date 03/09/2020
 Customer
 Reference
 Project SAKYLA
 Calculated by



CO2 GAS COOLER

Type: EHV95N 9221 4VENT (2X2) - SUMMER

LUVE Professional ver. 1.2.0.31

Air inlet temperature	[°C]	25,0
CO2 inlet temperature	[°C]	122,0
CO2 outlet temperature	[°C]	28,0
Pressure	[bar]	80,0
Fluid		CO2
CO2 flow	[kg/h]	5.500,8
CO2 pressure drop	[kPa]	88,7
Altitude	[m]	0
Version		Horizontal

EC Motor - Connection 400V-3PH-50Hz

Capacity	[kW]	445,42
Air flow	[m3/h]	101.509,8
Outlet air temperature	[°C]	37,9
Power consumption	[W]	8.396
Absorbed current	[A]	12,5
Fan speed	[rpm]	980
Sound pressure level @10m horiz.	[dB(A)]	56,0
Sound power level	[dB(A)]	89
Fans number and diameter	4 x 950	
Poles	EC	Surface [m2] 630,81
Fin spacing	[mm] 1,8	Indicative weight [kg] 759
Internal volume	[dm3] 56,1	Circuits [n] 1 x 44
Max working pressure	[bar] 120	Connections [n]x [mm] 2 x 42
Max operating temperature	[°C] 150,0	Overall dimensions [mm] 4756 x 2384 x 1600
Casing material	Powder coated galvanized steel RAL 9003	Fin material Al
Headers material	Special Cu alloy (K65)	Tube material Special Cu alloy (K65)

* This selection refers to a customized special unit that is outside of LU-VE S.p.A standard catalogue. Noise level according to EN 13487. Some data, if specified, could be solely indicative and can be confirmed upon order placement. This would include weight, dimensions, power consumption in the case of special fan-motors, number of connections and diameter. 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 all of its Software.
 WARNING: please always contact LU-VE S.p.A. before coupling a regulation NOT supplied by LU-VE S.p.A.

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

WINTER

Air inlet temperature	[°C]	15,0
Condensing temperature	[°C]	25,0
Hot gas temperature	[°C]	91,0
Subcooling	[K]	3,0
Capacity	[kW]	373,58

This offer includes:

Quantity	Abbreviation	Description
4	SPEC MOTORS	S3G910K(U2503)-EAL 980 RPM
4	IS	WIRED ISOLATOR SWITCHES
1	CABL. EC	WIRING FOR EC FANS

Note:

- This is a preliminary offer, what is not mentioned in the offer is not included.