

Date: 2026-03-27
 Enquiry dated:
 Project:
 Quotation-no.:
 Item:
 Reference:



Condenser GVH 090.2B/2x3-E(J).E For calculation only!

Capacity:	340.5 kW	Refrigerant:	R404A ⁽¹⁾
Air flow:	87000 m ³ /h	Hot gas temp.:	70.0 °C
Air inlet:	25.0 °C	Begin of condensation:	40.0 °C
Altitude:	0 m	Condensate outlet:	37.7 °C
		Hot gas flow:	83.05 m ³ /h

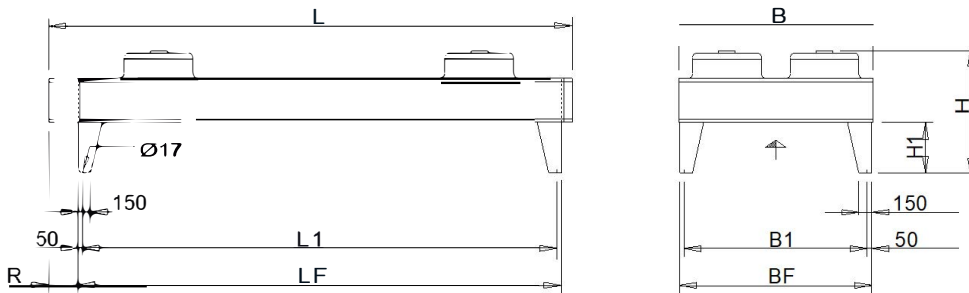
Fans:	6 Piece(s) 1~230V 50-60Hz	Noise pressure level:	40 dB(A) ⁽²⁾
Data per motor (nominal data):		at a distance of:	10.0 m
Speed:	485 min-1	Noise power level:	72 dB(A)
Capacity (mech./el.):	0.29 kW/0.33 kW	ErP:	Compliant ⁽³⁾
Current:	1.40 A ⁽⁴⁾		

Total el. power consumption:	2.10 kW	Energy efficiency class:	B (2014)
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Casing:	Galv. Steel, RAL 7035	Tubes:	Copper ⁽⁵⁾
Surface:	1212.5 m ²	Fins:	Aluminum ⁽⁵⁾
Tube volume:	158.3 l	Connections per unit:	
Fin spacing:	2.40 mm	Inlet connection:	76.1 * 3.00 mm
Passes:	4	Outlet:	76.1 * 3.00 mm
Dry weight:	1252 kg ⁽⁶⁾	Distributions:	45
Max. operating pressure:	32.0 bar	PED classification:	Category IV, module B+D ⁽⁷⁾

Dimensions:

- L = 7400 mm
- B = 2291 mm
- H = 1460 mm
- R = 347 mm
- L1 = 6805 mm
- LF = 6905 mm
- B1 = 2155 mm
- BF = 2255 mm
- H1 = 600 mm



Attention: Drawing and dimensions not valid for all accessory options!

(1) Fluid group 2 according to pressure equipment directive 97/23/EG and directive 67/548/EWG
 (2) According to the standard procedure for measuring the sound pressure levels defined in EN 13487, the Eurovent tolerance = +2 dB(A) only applies for AC fans with sine control or EC fans; noise caused by other control procedures or water spraying systems are not taken into account.
 (3) This unit is equipped with fans that meet the efficiency requirements of Directive 2009/125/EC (ErP Directive).
 (4) The current consumption can differ in dependence of the air temperature and of the variations of system voltage according to the VDE guidance.



- (5) The unit may not be suitable for very corrosive atmospheres (close to shores, in smoke rooms, etc.). For further information see program menu "?", "Material recommendations brochure", or ask your sales partner.
- (6) Dimensions and weights are not valid for all possible options! They may differ for units with accessories or special units (S-...).
- (7) Vessel (DN = 70.1 mm, V = 158.3 l, TSmax = 100 °C, gaseous). Final classification according to pressure equipment directive 97/23/EC during order processing.