

Date: 2022-12-12
 Enquiry dated:
 Project:
 Quotation-no.:
 Item:
 Reference:



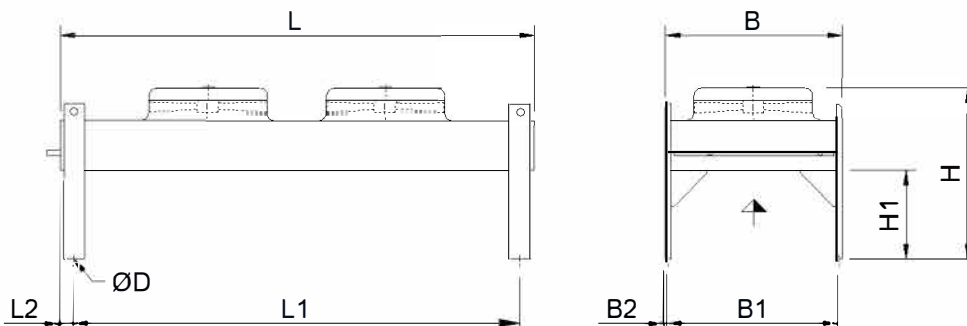
Condenser

GVHX 050.2A/2-ND.E For calculation only!

Capacity:	57.4 kW	Refrigerant:	R404A ⁽¹⁾
Air flow:	16120 m ³ /h	Hot gas temp.:	75.0 °C
Air inlet:	32.0 °C	Begin of condensation:	45.0 °C
Altitude:	0 m	Condensate outlet:	41.9 °C
		Hot gas flow:	12.48 m ³ /h
Fans:	2 Piece(s) 3~400V 50-60Hz	Noise pressure level:	51 dB(A) ⁽²⁾
Data per motor (nominal data):		at a distance of:	10.0 m
Speed:	1500 min-1	Noise power level:	83 dB(A)
Capacity (mech./el.):	0.60 kW/0.69 kW	ErP:	Compliant ⁽³⁾
Current:	1.20 A ⁽⁴⁾		
Total el. power consumption:	1.38 kW	Energy efficiency class:	D (2014)
Casing:	Galv. Steel, RAL 7035	Heat exchanger material:	Aluminum ⁽⁵⁾
Surface:	93.3 m ²	Fin:	-- ⁽⁵⁾
Tube volume:	7.0 l	Connections per unit:	Copper ⁽⁵⁾
Fin spacing:	--	Inlet connection:	35.0 * 1.50 mm
Passes:	2	Outlet:	35.0 * 1.50 mm
Dry weight:	130 kg ⁽⁶⁾	Distributions:	--
Max. operating pressure:	32.0 bar	PED classification:	Category I, module A ⁽⁷⁾

Dimensions:

- L = 2402 mm
- B = 1038 mm
- H = 870 mm
- L1 = 2212 mm
- L2 = 95 mm
- B1 = 998 mm
- B2 = 20 mm
- H1 = 400 mm
- ØD = 13 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) Piping (DN = 48.0 mm, TSmax = 100 °C, gaseous). Final classification according to pressure equipment directive 97/23/EC during order processing.
- (8) Delivery time for standard units ex works, i.e. without transport time. Times for units with customised drawing, special units, special accessories or larger quantities on request.

Please pay attention ...

The unit is only for calculation:

The prices are no longer valid.