

Date: 2023-06-15
 Enquiry dated:
 Project:
 Quotation-no.:
 Item:
 Reference:



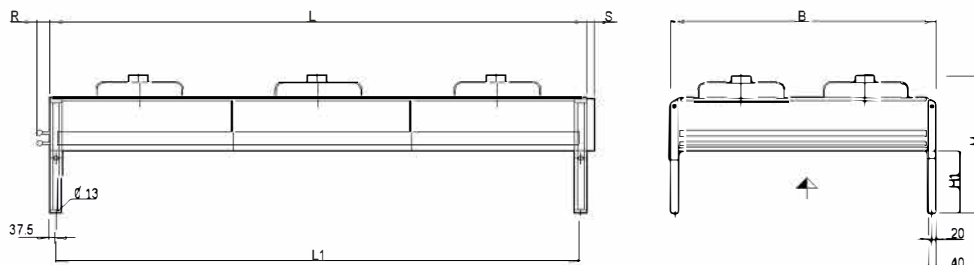
Condenser

GVH 065.1C/2x3-LD.E For calculation only!

Capacity:	100.0 kW	Refrigerant:	R404A ⁽¹⁾
Air flow:	57670 m ³ /h	Hot gas temp.:	75.0 °C
Air inlet:	32.0 °C	Begin of condensation:	37.9 °C
Altitude:	0 m	Condensate outlet:	36.4 °C
		Hot gas flow:	25.25 m ³ /h
Fans:	6 Piece(s) 1~230V 50-60Hz	Noise pressure level:	50 dB(A) ⁽²⁾
Data per motor (nominal data):		at a distance of:	10.0 m
Speed:	890 min-1	Noise power level:	82 dB(A)
Capacity (mech./el.):	0.43 kW/0.53 kW	ErP:	Compliant ⁽³⁾
Current:	2.30 A ⁽⁴⁾		
Total el. power consumption:	3.18 kW	Energy efficiency class:	C (2014)
Casing:	Galv. Steel, RAL 7035	Tubes:	Copper ⁽⁵⁾
Surface:	593.0 m ²	Fins:	Aluminum ⁽⁵⁾
Tube volume:	103.5 l	Connections per unit:	
Fin spacing:	2.20 mm	Inlet connection:	64.0 * 2.50 mm
Passes:	6	Outlet:	64.0 * 2.50 mm
Dry weight:	713 kg ⁽⁶⁾	Distributions:	54
Max. operating pressure:	32.0 bar	PED classification:	Category I, module A ⁽⁷⁾

Dimensions:

L =	3975 mm
B =	2195 mm
H =	1150 mm
R =	130 mm
L1 =	3900 mm
H1 =	600 mm
S =	50 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 dependance 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 = 59.0 mm, T_{Smax} = 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.