

Date: 2013-07-24  
 Enquiry dated:  
 Project:  
 Quotation-no.:  
 Item:  
 Reference:



**Condenser**

**GVW 080.2/2-M(D)**

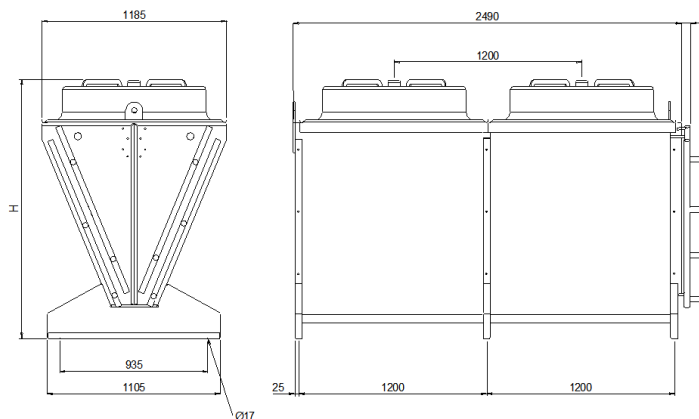
<b>Capacity:</b>	100.0 kW	<b>Refrigerant:</b>	R404A <sup>(1)</sup>
<b>Air flow:</b>	37600 m <sup>3</sup> /h	<b>Hot gas temp.:</b>	75.0 °C
<b>Air inlet:</b>	32.0 °C	<b>Begin of condensation:</b>	41.7 °C
<b>Altitude:</b>	0 m	<b>Condensate outlet:</b>	39.7 °C
		<b>Hot gas flow:</b>	23.31 m <sup>3</sup> /h
<b>Fans:</b>	2 Piece(s) 3~400V 50HzΔ/(Y)	<b>Noise pressure level:</b>	48 dB(A) <sup>(2)</sup>
<b>Data per motor (nominal data):</b>		<b>at a distance of:</b>	10.0 m
<b>Speed:</b>	800 min <sup>-1</sup> / (530 min <sup>-1</sup> )	<b>Noise power level:</b>	80 dB(A)
<b>Capacity (mech./el.):</b>	0.96 kW/1.50 kW	<b>ErP:</b>	Compliant <sup>(3)</sup>
<b>Current:</b>	2.80 A <sup>(4)</sup>		

Total el. power consumption: 2.76 kW      Energy efficiency class: C

<b>Casing:</b>	Galv. Steel, RAL 7035	<b>Tubes:</b>	Copper <sup>(5)</sup>
<b>Surface:</b>	536.2 m <sup>2</sup>	<b>Fins:</b>	Aluminum <sup>(5)</sup>
<b>Tube volume:</b>	57.8 l	<b>Connections per unit:</b>	
<b>Fin spacing:</b>	2.00 mm	<b>Inlet connection:</b>	2 x 35.0 * 1.50 mm
<b>Passes:</b>	12	<b>Outlet:</b>	2 x 35.0 * 1.50 mm
<b>Dry weight:</b>	503 kg <sup>(6)</sup>	<b>Distributions:</b>	2 * 8
<b>Max. operating pressure:</b>	32.0 bar	<b>PED classification:</b>	Category I, module A <sup>(7)</sup>

**Dimensions:**

H = 1660 mm  
 R = 85 mm



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

Unit price 7849.00 EUR  
 Total (List price without VAT, incl. packaging) 7849.00 EUR

Terms of delivery:  
 Payment cond.:  
 Delivery time: 6 weeks<sup>(8)</sup> (Status: 2012-12-17)

Validity:  
 Our general terms of sales and delivery apply!

**Remark:**  
 For the installation of two or more units side by side a sub-construction is compulsory to guarantee the repartition of air.

**Important remarks / explanatory notes:**

(1) Fluid group 2 according to pressure equipment directive 97/23/EG and directive 67/548/EWG



- (2) by using the enveloping surface method acc. to EN 13487
- (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 = 32.0 mm, TSmax = 100 °C, gaseous). Final classification according to pressure equipment directive 97/23/EC during order processing.
- (8) Delivery time for special units, special accessories, units with customized drawing, and larger quantities on request.