

Date: 2020-01-29  
 Enquiry dated:  
 Project:  
 Quotation-no.:  
 Item:  
 Reference:

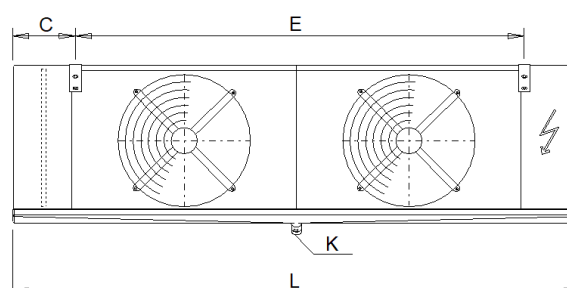
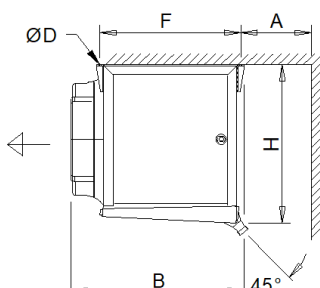


## Evaporator (dx) 2 x GHN 045.2E/24-ENW50.E

Capacity:	15.6 kW <sup>(1)</sup>	Refrigerant:	R134a <sup>(2)</sup>
Surface reserve:	-0.4 %	Evaporation temp.:	-2.0 °C
Air flow:	9720 m <sup>3</sup> /h	Superheating:	5.0 K
Air inlet:	4.0 °C	Condensation temp.:	50.0 °C
Air outlet:	0.5 °C	Subcooled temp.:	48.0 °C
Air pressure:	994 mbar		
Fans (AC):	2 Piece(s) 1~230V 50Hz	Thermal contact:	internal/external
Data per motor (nominal data):		Noise pressure level:	59 dB(A) in 3.0 m <sup>(3)</sup>
Speed:	1360 min <sup>-1</sup>	Noise power level:	81 dB(A)
Capacity (mech./el.):	0.30 kW/0.47 kW	Air throw:	approx. 16 m <sup>(4)</sup>
Current:	2.20 A <sup>(5)</sup>	Frost:	0.0 mm
ErP:	Compliant <sup>(6)</sup>		
Total el. power consumption:	1.01 kW	Energy efficiency class:	D (2014)
Casing:	AlMg, Powder coated RAL 9003	Tubes:	Copper <sup>(7)</sup>
Surface:	128.3 m <sup>2</sup>	Fins:	Aluminum <sup>(7)</sup>
Tube volume:	20.7 l	Distr. press. drop:	0.7 bar
Fin spacing:	4.00 mm	Outlet connection:	42.0 * 1.60 mm
Dry weight:	121 kg <sup>(8)</sup>	Inlet connection:	22.0 mm
Max. operating pressure:	32.0 bar	PED classification:	Category I, module A <sup>(9)</sup>

### Dimensions:

L =	2250 mm
B =	680 mm
H =	650 mm
E =	1780 mm
F =	545 mm
C =	240 mm
A =	500 mm
ØD =	14 mm
K =	G1¼"



Drain according to DIN ISO 228-1 with G-thread (flat gasket).  
 Attention: Drawing and dimensions not valid for all accessory options!

Product code: N/A

### List price excl. VAT:

	Piece(s)	Price per unit	Total price
Unit price	2	5007.00 EUR	10014.00 EUR
Accessories			
El. defrost coil standard for t <sub>0</sub> ≥-40°C 230V-4x1.5kW <sup>(10)</sup>	2	240.00 EUR	480.00 EUR
El. defrost tray standard for t <sub>0</sub> ≥-40°C 230V-2x1.15kW <sup>(10)</sup>	2	251.00 EUR	502.00 EUR
<b>Total (List price without VAT, incl. packaging)</b>			<b>10996.00 EUR</b>

Terms of delivery:

Payment cond.:

Delivery time: 9 weeks<sup>(11)</sup> (Status: 2019-04-24)

Validity:

Our general terms of sales and delivery apply!

### Important remarks / explanatory notes:

<sup>(1)</sup> Capacity according to Eurovent

- (2) Fluid group 2 according to pressure equipment directive 2014/68/EU
- (3) According to the enveloping surface method defined in EN 13487/EN 9614-1; Eurovent tolerance = +2 dB(A). Applies only for AC fans, AC fans with sine control and EC fans. Noise caused by other control methods, water spraying systems or sound reflexions occurring at the installation site are not taken into account and may result in an increased sound pressure level.
- (4) Distance at which an air velocity of 0.5 m/s can still be measured isothermally in an ideal space. The achievable penetration depth of the air flow in the cold room depends on the spatial geometry and other factors.
- (5) The current consumption can differ in dependence of the air temperature and of the variations of system voltage according to the VDE guidance.
- (6) This unit is equipped with fans that meet the efficiency requirements of Directive 2009/125/EC (ErP Directive).
- (7) 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.
- (8) Dimensions and weights are not valid for all possible options! They may differ for units with accessories or special units (S-...).
- (9) Piping (DN = 50.0 mm, TSmax = 100 °C, gaseous). Final classification according to pressure equipment directive 2014/68/EU during order processing.
- (10) Fuse protection according to connected load on connection diagram, max. 25 A
- (11) 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.