

Date: 16.11.2023

Enquiry dated:

Project:

Quotation-no.:

Item: 13. Sas Out

Your reference:



Evaporator (dx) GASC CX 031.1/1WN/DFE7E.TNNN

1,40 °C

2,20 kW⁽¹⁾⁽²⁾ Capacity: Refrigerant: Surface reserve: 0.00% **Evaporation temp.:** Air flow: 1 728,00 m³/h Superheating: Air velocity: 2,30 m/s Cond. temp.: Air inlet: 4,00 °C

1 Piece(s) 1~230V 50Hz

Air pressure: 1 013,00 mbar

Data per motor (nominal data):

Air outlet:

Fans (AC):

Speed: 1300 min-1 Capacity(el.): 0.10 kW 0,42 A⁽⁴⁾ **Current:**

ErP: Not relevant⁽⁷⁾

0,10 kW Total el. power consumption:

Casing: AIMg, Powder-coated RAL 9003 Surface: 6,30 m² Tube volume: 1.11 Fin spacing: 7,00 mm $17 \, kg^{(10)}$ Dry weight: Max. operating pressure: 80.00 bar **Distributions:**

Circuits: Dimensions: (10)

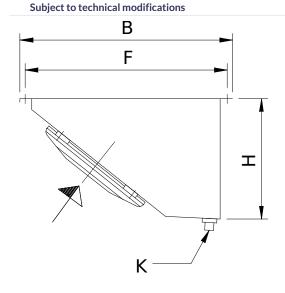
> Length: 964 mm Width: 580 mm 337 mm ⁽¹⁰⁾ Height: No. suspensions:

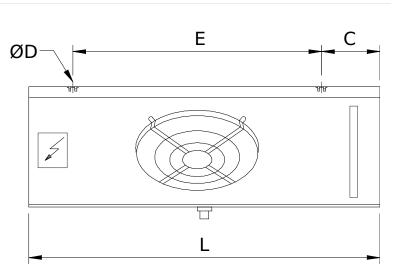
Product code: 251-1B15.246.3UN.00NN-C26.01.0800.000

1N

Product type: MTO - 2023-08-08, PL 1/2023, GPC.EU Customer 2023.13-279a (64 Bit)

Delivery time: 9 weeks (Status: 2023-11-16) (11) Our General Terms of Sale and Delivery apply!





CO2 (R744)(3)

-4.00 °C 7,00 K

17.0 °C Subcooled temp.: 13,00°C

Noise pressure level: $42,00 \, dB(A) \text{ in } 3,00 \, m^{-(5)}$

Noise power level: 64,00 dB(A) Air throw: approx. 12 m (6) Frost: 0,00 mm

Energy efficiency class: C

Copper⁽⁸⁾ **Tubes:** Fins: Epoxy⁽⁸⁾ Distr.press.drop: 0,00 bar **Outlet connection:** 9.52 * 1.00 mm Inlet connection: 9.52 * 1.00 mm PED classification: Art. 4, par. 3 ⁽⁹⁾

Passes: 24 Connections in air direction:

right side

Drain according to DIN ISO 228-1 with G-thread (flat gasket).

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

Accessories Piece(s) Wiring to terminal box 1

L=964 mm B=580 mm H=337 mm E=680 mm F=552 mm C=160 mm D=11 mm K=G¾"

El. defrost for coil and tray 230V-1~-0.95kW (12)

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Important remarks / explanatory notes:

- (1) Calculations and capacity tests are based on the following standards: condensers/gas coolers EN 327, evaporators/air coolers EN 328, dry coolers EN 1048
- (2) Capacity including Humidity Factor
- (3) Fluid group 2 according to pressure equipment directive 2014/68/EU
- (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) According to the enveloping surface method defined in EN 13487/EN 9614-1; 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.
- (6) 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.
- (7) This unit is equipped with fans that are not subject to Directive 2009/125/EC (ErP Directive).
- (8) The unit may not be suitable for very corrosive atmospheres (close to shores, in smoke rooms, etc.). For further information, see material recommendations brochure or ask your sales partner.
- $(9)\ Piping\ (DN=7.5\ mm, TSmax=150\ ^{\circ}C, gaseous).\ Final\ classification\ according\ to\ pressure\ equipment\ directive\ 2014/68/EU\ during\ order\ processing.$
- (10) Dimensions and weights are not valid for all possible options! They may differ for units with accessories or special units (S-...).
- (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.
- (12) Fuse protection according to connected load on connection diagram, max. 25 A.