Date:	8.11.2023
Enquiry dated:	
Project:	07. Preparation Room
Quotation-no.:	
Item:	
Your reference:	

Evaporator (dx) GADC CX 035.1/21S/HEE7E.TNNN

Capacity:	6,60 kW[1][2]	**Refrigerant:**	CO2 (R744)[3]
Surface reserve:	0,00 %	**Evaporation temp.:**	-4,00 °C
Air flow:	2 492,00 m³/h	**Superheating:**	7,00 K
Air velocity:	1,00 m/s		
Air inlet:	4,00 °C	**Cond. temp.:**	17.0 °C
Air outlet:	-1,80 °C	**Subcooled temp.:**	13,00 °C
Air pressure:	1 013,00 mbar		
Fans (EC):	2 Piece(s) 1~230V 50-60Hz		
Data per motor (nominal data):		**Noise pressure level:**	32,00 dB(A) in 3,00 m [5]
Speed:	695 min-1	**Noise power level:**	54,00 dB(A)
Capacity(el.):	0.03 kW	**Air throw:**	approx. 2 x 7 m [6]
Current:	0,25 A[4]	**Frost:**	0,00 mm
ErP:	Compliant[7]		
Total el. power consumption:	0,06 kW	**Energy efficiency class:**	A+
Casing:	AlMg, Powder-coated RAL 9003	**Tubes:**	Copper[8]
Surface:	42,20 m²	**Fins:**	Epoxy[8]
Tube volume:	7.1 l	**Distr.press.drop:**	2,00 bar
Fin spacing:	7,00 mm	**Outlet connection:**	16 * 1.00 mm
Dry weight:	90 kg [10]	**Inlet connection:**	16 * 1.00 mm
Max. operating pressure:	80,00 bar	**PED classification:**	Category I, module A [9]
Distributions:	2	**Passes:**	40
Circuits:	1N	**Connections in air direction:**	–

Dimensions: [10]

Length:	1776 mm
Width:	1026 mm
Height:	318 mm [10]
No. suspensions:	4

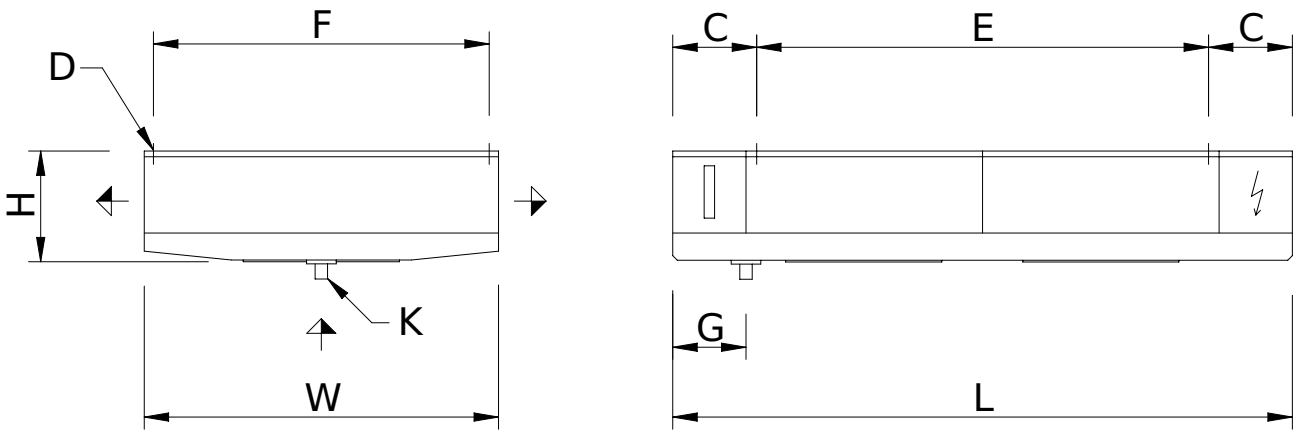
Product code: 203-1AKT.2HJ.1HT.RJV8-C26.01.0800.000

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

Delivery time: 9 weeks (Status: 2023-11-07) [11]

Our General Terms of Sale and Delivery apply!

Subject to technical modifications



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

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

L = 1776 mm W = 1026 mm H = 318 mm E = 1296 mm F = 963 mm C = 240 mm G = 210 mm D = 11 mm K = G1¼"

Accessories	Piece(s)
Wiring to terminal box	1
El. defrost for coil and tray 400V 3~+N+PE - 6,2kW (12)	1

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 meet the efficiency requirements of 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 = 37.2 mm, TSmax = 150 °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.