



Date: 9.4.2026
Enquiry dated:
Project:
Quotation-no.:
Item:
Your reference:



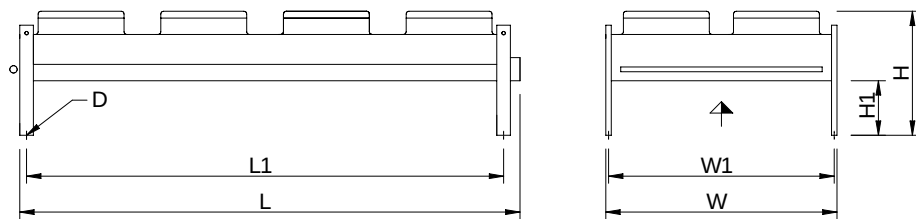
Condenser

GCHC RD 050.2/24-49-4235858M

Capacity:	225.8 kW⁽¹⁾	Refrigerant:	R507A⁽²⁾
Air flow:	47465 m³/h	Hot gas temp.:	69.0 °C
Air inlet:	25.0 °C 40 %	Condensation temp. (dew pt.):	40.0 °C
Altitude:	0.0 m	Condensate outlet:	37.9 °C
Air velocity:	2.20 m/s	Hot gas flow:	52.04 m³/h
Heat transf. coeff.:	36.32 W/(m²·K)	Mass flow:	5064 kg/h
		Pressure drop:	0.52 bar / 1.15 K
Fans (AC):	8 Piece(s) 3~400V 50HzY/(Δ)	Noise pressure level:	49 dB(A) in 10.0 m⁽⁴⁾⁽⁵⁾
Data per motor (nominal data):		Noise power level:	81 dB(A)
Speed:	1180 min⁻¹ / (1390 min⁻¹)	ErP:	Compliant⁽⁶⁾
Capacity(el.):	0.55 kW		
Current:	0.90 A⁽³⁾		
Total el. power consumption:	4.40 kW	energy efficiency class:	D⁽⁷⁾
Casing:	Galv. Steel, Powder-coated RAL 7035	Tubes:	Copper⁽⁹⁾
Surface:	722.6 m²	Fins:	Aluminium⁽⁹⁾
Tube volume:	62.7 l	Connections per unit:	
Fin spacing:	2.10 mm	Inlet connection:	54 * 2.40 mm
Passes:	4	Outlet:	54 * 2.40 mm
Dry weight:	554 kg⁽¹¹⁾	Distributions:	96
Max. operating pressure:	32.0 bar	PED classification:	Category I, module A⁽¹⁰⁾
Dimensions: ⁽¹¹⁾			
Length:	3684 mm		
Width:	1696 mm		
Height:	1319 mm⁽¹¹⁾		
No. legs:	4		

Ul:

Subject to technical modifications



L = 3684 mm
W = 1696 mm
H = 1319 mm
H1 = 800 mm
L1 = 3494 mm
W1 = 1656 mm
D = 13 mm

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

Impact Rating ⁽⁸⁾



Your configuration to cut operational costs and emissions

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) Fluid group 2 in accordance with Pressure Equipment Directive 2014/68/EU
- (3) The current consumption can differ in dependence of the air temperature and of the variations of system voltage according to the VDE guidance.
- (4) In accordance with 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.
- (5) Based on the calculation of the operating point of the fan
- (6) This unit is equipped with fans that meet the efficiency requirements of Directive 2009/125/EC (ErP Directive).
- (7) Ratio of performance to energy consumption in dry operation (without icing/defrosting). Higher class = higher energy efficiency.
- (8) The IMPACT rating is a tool designed to identify further potential – to make your cooler even better. It evaluates Gntner products in terms of responsible energy use and modern technologies. The IMPACT icon highlights the factors considered in the rating: - Responsible selection of refrigerants - Efficient heat exchangers - Efficient defrosting methods - Accessories that enhance efficiency - Intelligent and energy-saving control technologies - and other future-proof technologies A higher IMPACT score indicates a forward-looking selection based on predicted environmental and energy-related effects. This rating serves as guidance within the Gntner portfolio and does not constitute a guarantee of actual savings or environmental benefits, as these depend on the specific system in which the unit will be installed. For this we do not have the necessary details.
- (9) 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.
- (10) Pipe (DN = 49.2 mm, TS_{max} = 100 °C, gaseous). Final classification in accordance with Pressure Equipment Directive 2014/68/EU when the order is processed.
- (11) Dimensions and weights are not valid for all possible options! They may differ for units with accessories or special units (S-...).
- (12) 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.
- (13) Information provided by the customer. This information is not checked by Gntner for completeness or plausibility and is included in the calculation.