

HAFCO UNIT COOLERS

Model: HIC

ENGINEERING FOR BETTER LIFE



The HIC range dual discharge unit coolers are suitable for application in reach-in/walk-in cabinets, display cases and small rectangular based cold rooms.

The entire range is equipped with high efficiency coils made from special profile aluminium fins and copper tube, suitable for the new generation refrigerants; with 4,5/8 mm dual fin spacing for the entire range .

The standard fan motors employed have the following features :

- diameter 230 mm, single-phase 230V/50Hz and fibreglass charged polyamide fan guard;
- IP 42 protection grade;
- class B insulation;
- internal thermal contact protection;
- operating temperature -25° C to +40° C.

The electric parts and casework are connected to a grounding terminal, the wiring of the motors and heaters is carried out in separate IP 54 protection grade junction boxes.

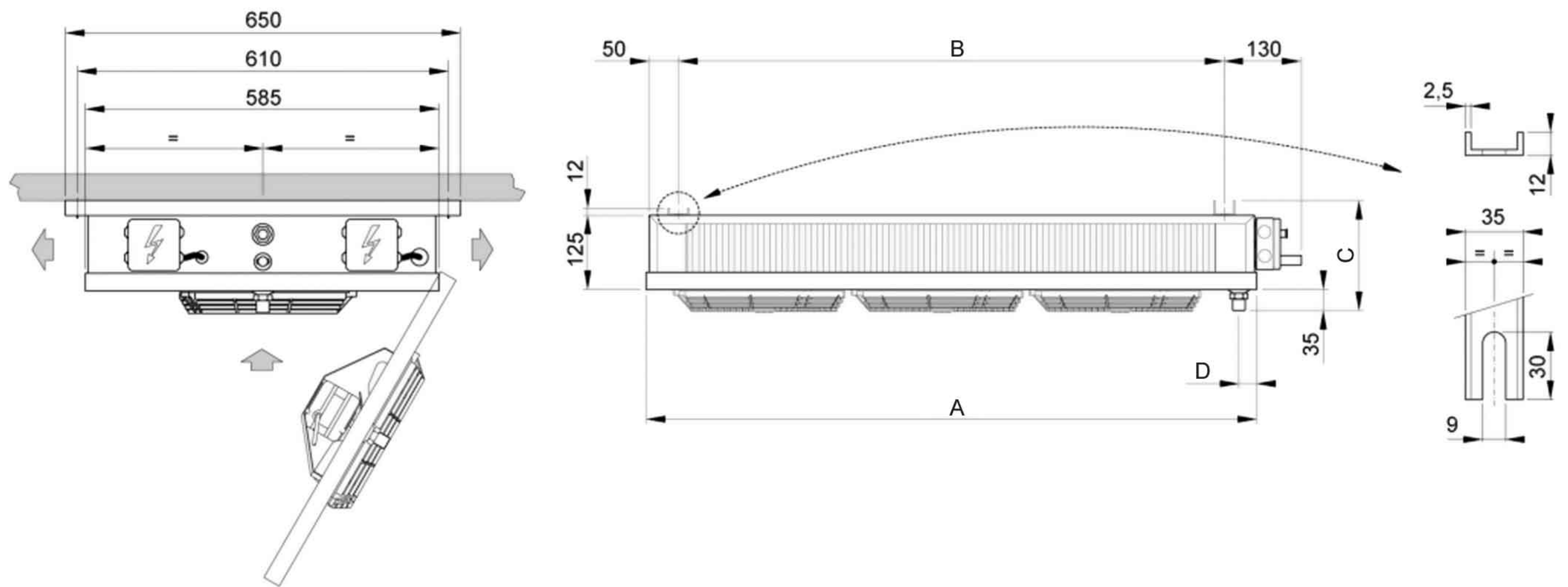
The version with standard electric defrost (ED) are equipped with stainless stel heaters with vulcanised terminals preset for 230V/50Hz connection.

On request the models can be equipped with non-standard coils, defrosting and fan motors.

HIC dimensional featuers:

MODEL	MIC	80	100	160	200	300	400	500
DIMENSIONS	A	430	430	730	730	1030	1330	1630
	B	320	320	620	620	920	1220	1520
	C	172	172	185	185	185	185	185
	D	30	30	30	30	30	35	35

HIC 4,5/8 mm dual fin spacing:



HIC Technical features:

Unit coolers

MODEL		MIC 80	MIC 100	MIC 160	MIC 200	MIC 300	MIC 400	MIC 500
Nominal Capacity (1)	Kw	0,59	0,66	1,17	1,33	1,99	2,66	3,33
Capacity (2)	Kw	0,49	0,55	0,97	1,10	1,65	2,20	2,75
Air Flow	M³/h	540	460	1080	920	1380	1840	2300
Air Throw	M	2 X 3,0	2 X 2,5	2 X 3,0	2 X 2,5	2 X 2,5	2 X 2,5	2 X 2,5
Total Surface	M²	2,6	3,9	5,2	7,9	11,8	15,7	19,7
Fan Motors	N°x D. Mm	1 X 230	1 X 230	2 X 230	2 X 230	3 X 230	4 X 230	5 X 230
Fan Motor Absorption	A W	0,35 53	0,35 53	0,70 106	0,70 106	1,05 159	1,40 212	1,75 265
Circuit Capacity Coil	Dm³	0,7	1	1,4	1,92	3	4	5
Electric Defrost	W	800	800	1600	1600	2400	3000	3600
Coil Connections	In Sae Out (Mm)	1/2" 12	1/2" 16	1/2" 16	1/2" 16	1/2" 22	1/2" 22	1/2" 22
Drain Connection	D. (Gas)	1/2"	1/2"	1/2"	1/2"	1/2"	1"	1"
Net Weight	Kg	7,3	8	12,2	13,4	19	24,4	29,9

(1) Nominal capacity at effective operating conditions in wet-conditions. R404A refrigerant; Air entering temp. 0°C; evap.temp. -8°C; Δt 8 K.
(2) Standard capacity in dry-conditions. Classe SC2 test; R22 refrigerant; air entering temp. 0°C; evapor.temp. -8°C; Δt 8 K.