



AEROEVAPORATORI COMMERCIALI
COMMERCIAL UNIT COOLERS
EVAPORATEURS COMMERCIAUX
HOCHLEISTUNGSLUFTKÜHLER
EVAPORADORES COMERCIALES
КОММЕРЧЕСКИЙ
ВОЗДУХООХЛАДИТЕЛИ
KOMERCYJNE CHŁODNICE POWIETRZA



GLYCOL - Air coolers for Glycol Water

HEAT EXCHANGERS

The high-efficiency heat exchangers that characterize the TURBOCOOLER® range of air coolers are manufactured with the copper tubes and with the new aluminium fins.

COMMON DATA

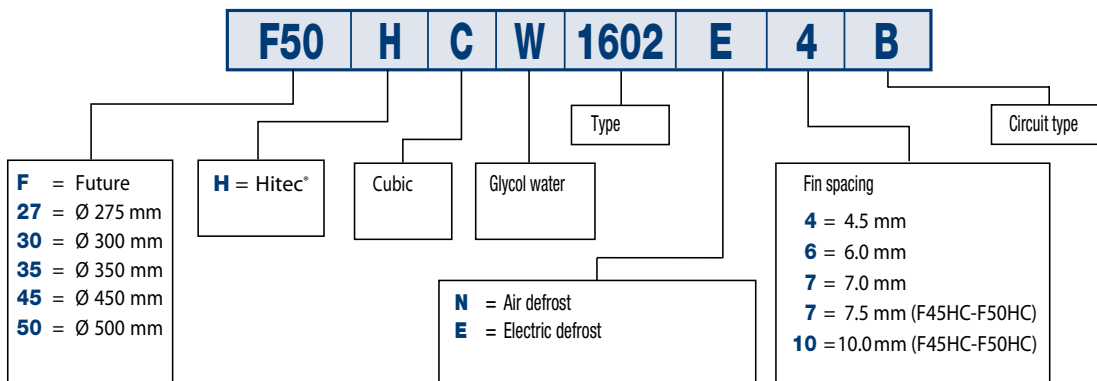
All other construction characteristics and dimensions are the same as stated for standard unit coolers.

GLYCOL

TURBOCOOLER®
by LU-VE



Ordering example



NH3 - Unit coolers for ammonia

HEAT EXCHANGERS

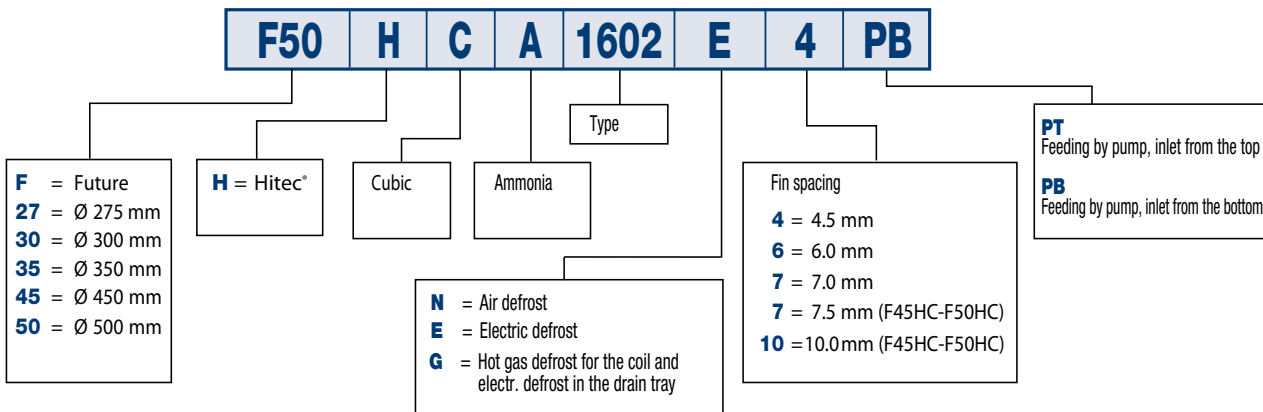
The high efficiency heat exchangers that characterize the ranges are manufactured with stainless steel tubes and with aluminium fins.

COMMON DATA

All other construction characteristics and dimensions are the same as stated for standard unit coolers.

NH₃

Ordering example





● **FHC**

1.5 - 81.9 kW - 127 models

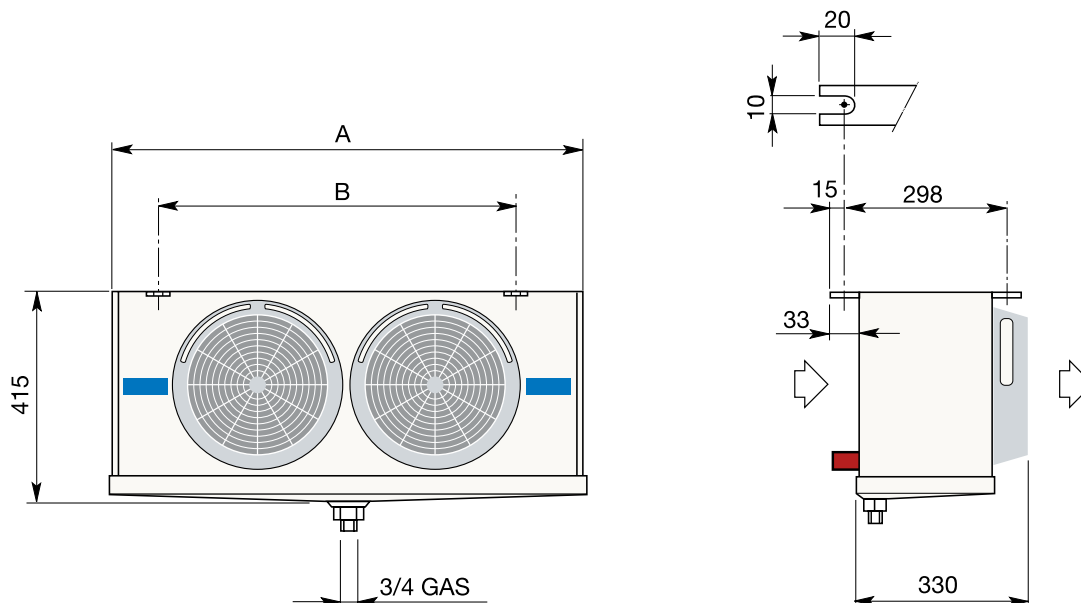
1450 - 9400 W



4 = 4.5 mm Passo alette Fin spacing			TC > -25 °C						
Modello	Type	F27HC	25-4	36-4	49-4	71-4	107-4	142-4	
Potenza (R404A)	• TC 2,5 °C (ΔT1 10K)	W	1850	2350	3850	4750	7200	9400	
Capacity	TC 0 °C (ΔT1 8K)	W	1350	1750	2850	3500	5300	6900	
Portata d'aria	Air quantity	m³/h	900	900	1800	1800	2700	3600	
Freccia d'aria	Air throw	m	10,5	10,5	12,5	12,5	14,0	15,5	
Superficie esterna	External surface	m²	7,3	7,3	14,6	14,6	21,9	29,2	
Superficie interna	Internal surface	m²	0,5	0,7	1,0	1,4	2,1	2,8	
Peso	Weight	kg	12	13	19	21	28	36	
6 = 6.0 mm Passo alette Fin spacing			TC > -25 °C						
Modello	Type	F27HC	19-6	28-6	38-6	55-6	85-6	110-6	
Potenza (R404A)	• TC 2,5 °C (ΔT1 10K)	W	1600	2050	3300	4150	6300	8300	
Capacity	TC 0 °C (ΔT1 8K)	W	1200	1500	2450	3050	4650	6100	
Portata d'aria	Air quantity	m³/h	950	950	1900	1900	2850	3800	
Freccia d'aria	Air throw	m	11,0	11,0	13,0	13	14,5	16,0	
Superficie esterna	External surface	m²	5,6	5,6	11,2	11,2	16,8	22,4	
Superficie interna	Internal surface	m²	0,5	0,7	1,0	1,4	2,1	2,8	
Peso	Weight	kg	11	12	18	20	27	34	
7 = 7.0 mm Passo alette Fin spacing			TC > -25 °C						
Modello	Type	F27HC	16-7	23-7	31-7	46-7	70-7	92-7	
Potenza (R404A)	• TC 2,5 °C (ΔT1 10K)	W	1450	1850	3000	3700	5700	7600	
Capacity	TC 0 °C (ΔT1 8K)	W	1050	1350	2200	2700	4200	5600	
Portata d'aria	Air quantity	m³/h	1000	1000	2000	2000	3000	4000	
Freccia d'aria	Air throw	m	11,5	11,5	13,5	13,5	15,5	17,0	
Superficie esterna	External surface	m²	4,9	4,9	9,8	9,8	14,7	19,6	
Superficie interna	Internal surface	m²	0,5	0,7	1,0	1,4	2,1	2,8	
Peso	Weight	kg	10	11	17	19	26	32	
DATI COMUNI / COMMON DATA									
Elettroventilatori	Fans	Ø 275 mm x n°	1 o	1 o	2 oo	2 oo	3 ooo	4 oooo	
Assorbimento motori	1-230 V 50 Hz	W	85	85	170	170	255	340	
Motor power consumption		A	0,6	0,6	1,2	1,2	1,8	2,4	
Assorbimento motori	EC 1-230 V 50 Hz	W	26	26	52	52	78	104	
Motor power consumption		A	0,2	0,2	0,4	0,4	0,6	0,8	
Sbrinamento	Defrost	E 230 V	W	1220	1220	2160	2160	3080	4000
Volume circuito	Circuit volume	dm³	0,8	1,3	1,6	2,3	3,3	4,3	
Attacchi entrata	Inlet connections	Ø mm	10	12	12	12	12	12	
Attacchi uscita	Outlet connections	Ø mm	10	22	22	28	28	28	
Dimensioni	Dimensions	A mm	678	678	1048	1048	1418	1788	
		B mm	412	412	782	782	1152	1522	

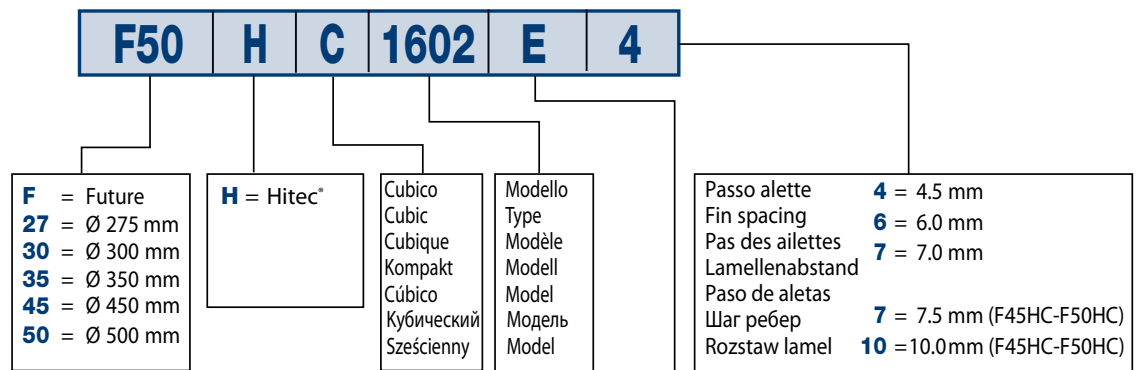
(*) Per altre condizioni vedere diagrammi. (*) For other conditions see diagrams.

EC = Motori con commutazione elettronica (1400 r.p.m.). Risparmio energia = ~ 70%. EC = Motors with electronic commutation (1400 r.p.m.). Energy saving = ~ 70%.





**Esempio di ordinazione / Exemple de commande / Ordering example / Typenschlüssel / Ejemplo de pedido
Пример заказа / Nomenclatura**



N = Sbrinamento ad aria E = Sbrinamento elettrico G = Sbrinamento a gas caldo per batteria ed elettrico nella bacinella (F45HC-F50HC)	N = Air defrost E = Electric defrost G = Hot gas defrost for the coil and electr. defrost in the drain tray (F45HC-F50HC)	N = Dégivrage à air E = Dégivrage électrique G = Dégivrage à gaz chaud pour la batterie et électrique dans l'égouttoire (F45HC-F50HC)	N = Luftabtauung E = Elektrische Abtauung G = Heissgasabtauung für die Batterie und elektrische Abtauung in der Tropfschale (F45HC-F50HC)
N = Aire descongelación E = Desescarche eléctrico G = Descongelación con gas caliente y eléctrica de la batería en la bandeja (F45HC-F50HC)	N = Air размораживание E = Электрическая оттайка G = Размораживание горячим газом и электрической батареи в трее (F45HC-F50HC)	N = Odszranianie powietrzem E = Odszranianie elektryczne G = Odszranianie gorącym gazem w wymienniku i elektryczne w tacy (F45HC-F50HC)	

Disponibili anche versioni per:
 Versions available:
 Versions disponibles pour:
 Verfügbare Versionen:
 Versiones disponibles:
 Доступные версии:
 Dostępne wersje na:

GLYCOL

NH₃

CO₂



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