

# FHC Evaporator



**Benefits:**

- Eurovent Certified Performance
- Super efficient heat exchanger
- Reduced dehumidification
- Reduced frost formation
- Increased air throw
- Reduced internal volume
- Low noise levels
- Fan shroud heaters fitted to low temp models

## FHC Medium and Low Temp Evaporators (500mm Fans)



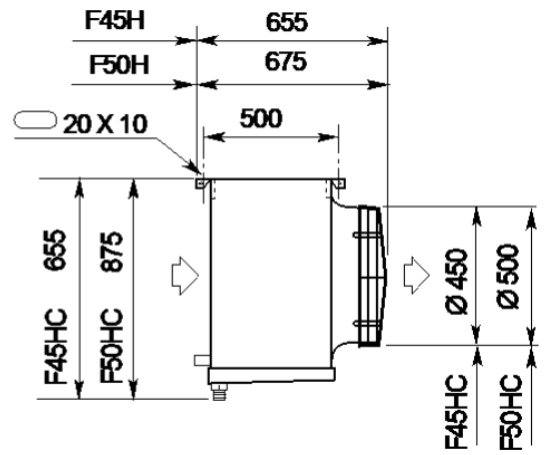
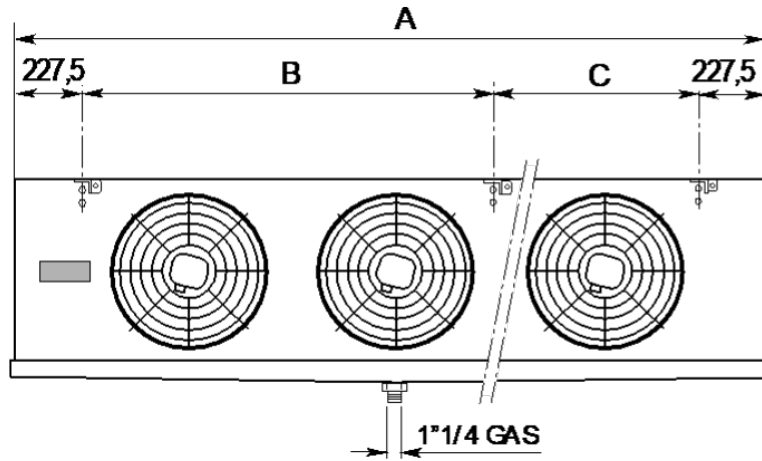
### MEDIUM TEMP

Model		F50HC 1602 N 4	F50HC 1606 N 4	F50HC 1608 N 4	F50HC 1612 N 4	F50HC 1618 N 4	F50HC 1620 N 4
Capacity kW @ 6KTD -4°C SST	R404A	11.6	19.3	23.4	29	39.8	46.9
	R448A	15.3	25.3	31	37.9	52.3	62
	R407F	16	26.6	32.5	39.9	55	64.9
	R134a	10.5	17.7	21.1	26.5	35.7	42.4
	R513A	10.4	17.4	20.9	26	35.3	41.9

### LOW TEMP

Model		F50HC 1806 E 7	F50HC 1812 E 7	F50HC 1814 E 7	F50HC 1714 E 6	F50HC 1718 E 6	F50HC 1720 E 6
Capacity kW @ 6KTD -24°C SST	R404A	13.4	20.6	24.6	26.4	29.9	36.3
	R448A	17.1	26.6	31.8	34.2	38.5	47
	R407F	18	27.8	33.3	35.8	40.3	49.2

## DIMENSIONS



## MEDIUM TEMP

MODELS		F50HC 1602 N 4	F50HC 1606 N 4	F50HC 1608 N 4	F50HC 1612 N 4	F50HC 1618 N 4	F50HC 1620 N 4
Air Throw	M	30	39	36	43	47	44
Air Volume	m3/h	7,000	14,800	14000	22200	29600	28000
Fan Motors	Number	1	2	2	3	4	4
	Watts	730	1460	1460	2190	2920	2920
	Amps	1.45	2.9	2.9	4.35	5.8	5.8
Coil	Circuit Vol.	13.2	19.1	24.9	28.1	36.5	48.9
	Connection						
	Disc Inlet	5/8"	1-1/8"	1-1/8"	1-1/8"	1-1/8"	1-3/8"
	Suct Outlet	1-5/8"	2-1/8"	2-1/8"	2-1/2"	2-1/2"	3"
	Fin Spacing mm	4.5	4.5	4.5	4.5	4.5	4.5
	Defrost	N/A	N/A	N/A	N/A	N/A	N/A
Dimensions	A	1285	2085	2085	2885	3685	3685
	B	n/a	800	800	1600	2400	2400
	C	830	830	830	830	830	830
Net Weight	kg	117	175	194	242	302	339

## LOW TEMP

Models		F50HC 1806 E 7	F50HC 1812 E 7	F50HC 1814 E 7	F50HC 1714 E 6	F50HC 1718 E 6	F50HC 1720 E 6
Air Throw	M	42	47	44	43	49	47
Air Volume	m3/h	15,600	23,400	22800	21900	30400	29200
Fan Motors	Number	2	3	3	3	4	4
	Watts	1400	2100	2100	2190	2800	2920
	Amps	2.9	4.35	4.35	4.35	5.8	5.8
Coil	Circuit Vol.	19.1	27.5	34.9	34.9	36.5	48.9
	Connection						
	Disc Inlet	1-1/8"	1-1/8"	1-1/8"	1-1/8"	1-1/8"	1-3/8"
	Suct Outlet	2-1/8"	2-1/8"	2-1/8"	2-1/8"	2-1/2"	3"
	Fin Spacing mm	7.5	7.5	7.5	6	6	6
	Defrost						
	Watts	8400	12280	16850	16850	16160	22170
Includes fan shroud heaters @ 280 watts per fan.							
Dimensions	A	2085	2885	2885	2885	3685	3685
	B	800	800	800	1600	2400	2400
	C	830	830	830	830	830	830
Net Weight	kg	160	220	240	250	284	315

### CAPACITY CORRECTION

MEDIUM TEMP @ °C SST		LOW TEMP @ °C SST	
5°	1.17	-20°	1.07
0°	1.07	-25°	0.99
-5°	0.99	-30°	0.89
-10°	0.93	-35°	0.8

### CAPACITY CORRECTION

TEMP DIFF	R.H %	TEMP DIFF	R.H %
2K	94	10K	77
4K	89	12K	73
6K	84	-	-
8K	81	-	-

### NOTES:

- Air throw based on the manufacturer specifications. Multiply figures by 0.94 for 2°C and 0.87 for -18°C.
- Fan motors 380-420V/3/50Hz.
- Defrost heaters 220-240V/1/50Hz. Connect in Y for 380-420/3/50 supply.