

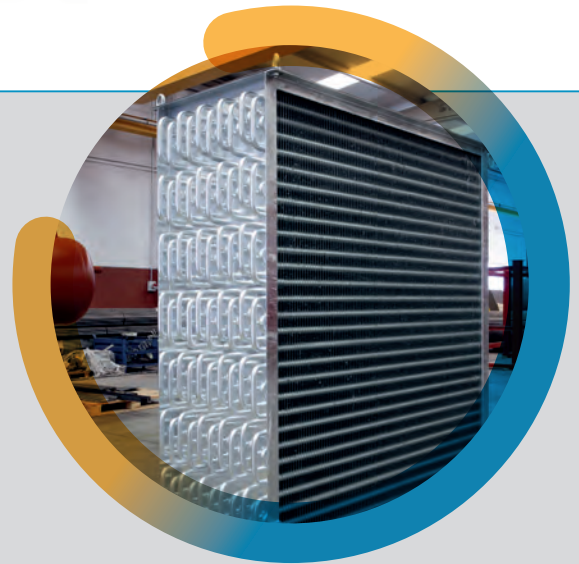


05

Industrial Refrigeration

Flat Fin Evaporator EV7

Galvanized Carbon
Steel Ac/EN 1461



Flat Fin Evaporator EV7

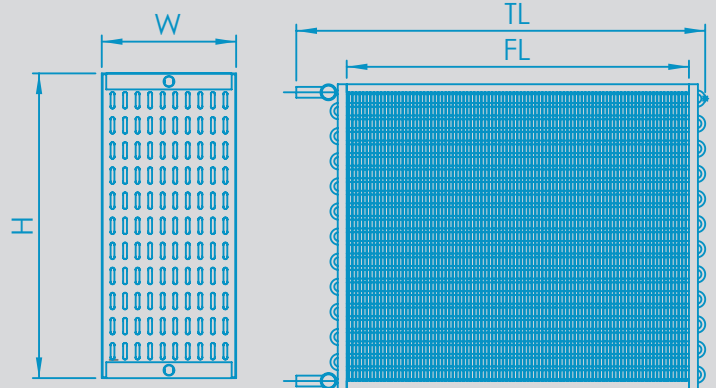
H= mm | W= mm | TL= mm
 FL= mm | Superficie= m²

Design Pressure:

Design temperature (max/min):

Classification:

- CE DNV LR
 RMRS BV Otros



Separation between fins

	6 mm	8 mm	10 mm	12 mm	14 mm	16 mm	18 mm	20 mm
Surface in m ² by lineal meter	1,60	1,22	0,99	0,84	0,73	0,65	0,58	0,53
Reason of surface internal/external	29,94	22,74	18,42	15,54	13,48	11,94	10,74	9,78
Reason between primary and secondary surface	25,29	18,97	15,18	12,64	10,84	9,49	8,43	7,59
Internal volume of tubes by lineal meters in dm ³	0,293	0,293	0,293	0,293	0,293	0,293	0,293	0,293
Internal volume of tubes by m ² in dm ³	0,161	0,212	0,262	0,311	0,358	0,404	0,450	0,494
Weight by lineal meters in kgs	4,143	3,317	2,818	2,482	2,239	2,055	1,909	1,790
Weight by m ² in kgs	2,280	2,404	2,521	2,632	2,738	2,834	2,828	3,014

Correction factor F1
K=F1 x F2 x K - diagram

T ^a evaporation C°	Clean	Thickness of defrost			
		0,5 mm	1,0 mm	1,5 mm	2,0 mm
0	1,1				
-10	1,00	0,93	0,86	0,80	0,76
-20	0,92	0,85	0,79	0,74	0,70
-30	0,85	0,79	0,74	0,70	0,66
-40	0,77	0,72	0,68	0,64	0,61

Difference log of time K	13	12	n	10	9	8	7	6	5
Correction factor F2	1,06	1,04	1,02	1,00	0,98	0,95	0,92	0,89	0,85

