

04

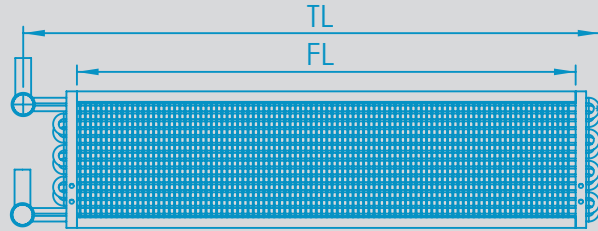
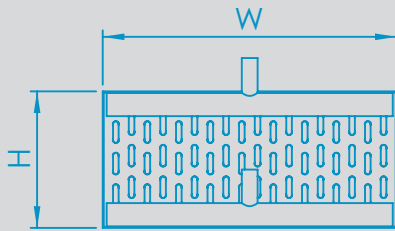
Industrial Refrigeration

# Flat Fin Evaporator EV6

Galvanized Carbon Steel Ac/EN 1461



# Flat Fin Evaporator EV6



H=      mm | W=      mm | TL=      mm | FL=      mm | Surface=      m<sup>2</sup>

Design Pressure:      Design temperature (max/min):

Classification:     CE     DNV     LR     RMRS     BV     Others

Separation between fins

	6 mm	8 mm	10 mm	12 mm	14 mm	16 mm	18 mm	20 mm
Surface in m <sup>2</sup> by lineal meter	1,142	0,874	0,713	0,606	0,529	0,472	0,427	0,391
Reason of surface internal/external	18,74	14,34	11,70	9,94	8,68	7,74	7,00	6,42
Reason between primary and secondary surface	15,52	11,65	9,32	7,77	6,65	5,83	5,18	4,66
Internal volume of tubes lineal meters in dm <sup>3</sup>	0,293	0,293	0,293	0,293	0,293	0,293	0,293	0,293
Internal Volume of tubes by m <sup>2</sup> in dm <sup>3</sup>	0,257	0,335	0,411	0,484	0,554	0,621	0,687	0,750
Weight by lineal meters in kgs	2,908	2,391	2,077	1,864	1,709	1,589	1,495	1,416
Weight by m <sup>2</sup> in kgs	2,547	2,736	2,913	3,075	3,230	3,367	3,500	3,623

T <sup>a</sup> evaporation C°	T <sup>a</sup>				
	Clean	0,5 mm	1,0 mm	1,5 mm	2,0 mm
0	1,11				
-10	1,00	0,90	0,82	0,74	0,69
-20	0,92	0,82	0,75	0,68	0,63
-30	0,85	0,77	0,70	0,64	0,60
-40	0,77	0,70	0,64	0,59	0,55

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

Difference log of time K	13	12	11	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

