

DIMENSIONAL PROPERTIES

		1875	2500	3750	TST
Cod.		06179104	06179106	06179109	06179181
Length without end-walls	mm	1875	2500	3750	1821
Height	mm	912	912	912	912
Depth	mm	1955	1955	1955	1040
Display opening area	m ²				
Horizontal display area *	m ²	3,15	4,2	6,3	1,53
Net volume *	dm ³	1228	1638	2457	597
TDA ** Total Display Area	m ²				
Foot print	m ²	3,67	4,89	7,33	2,03
Weight (end-walls not included)	kg	311,18	450	609	241
Noise level	dB(A)	≤ 60	≤ 60	≤ 60	≤ 60

** = Total Display Area calculated as in EN ISO 23953, part 2, Annex A

EVAPORATORS

		1875	2500	3750	TST
Cod.		02841214	02841215	02841216	02841138
Surface	m ²	23,02	32,28	50,59	11,15
Internal pipes volume	dm ³	8,087	10,978	16,932	3,911
Cabinet connections in/out	mm	10 / 22	10 / 22	10 / 22	10 / 16

EXPANSION VALVES

		1875	2500	3750	TST
Cod.		04722793	04722793	04722794	04722793
Mechanical Valve	R 404A	TISE-SW	TISE-SW	TISE-SW	TISE-SW
Orifice		TIO-002	TIO-002	TIO-003	TIO-002

ELECTRIC COMPONENTS

		1875	2500	3750	TST
Cod.		04681113	04681113	04681113	04681113
Evaporator fan motors	n° x W	4 x 22	4 x 22	6 x 22	2 x 22
Model or diameter / incl. blade		D.154/ 19°	D.154/ 19°	D.154/ 19°	D.154/ 19°
Cod.		04080092	04080091	04080090	04080503
Anti-sweat heater C1	n° x W	2 x 54.4	2 x 72.5	2 x 108.8	1 x 108.8
Cod.		04080360	04080255	04080256	04080360
Anti-sweat heater C2	n° x W	2 x 75.7	2 x 97.3	2 x 137.3	1 x 75.7
Cod.					04089843
Anti-sweat heater C3	n° x W				2 x 30.9
Cod.		02530260	02530261	02530262	02530260
Defrost heaters R1 R2 R3	n° x W	6 x 475	6 x 650	6 x 1000	3 x 475

ELECTRICAL LOADING

		1875	2500	3750	TST
Fans	W	88,0	88,0	132,0	44,0
Anti-sweat heater	W	260,2	339,6	492,2	246,3
Defrost heaters	W	2850,0	3900,0	6000,0	1425,0

OPTIONS / ALTERNATIVES

		1875	2500	3750	TST
Cod.		02841155	02841156	02841157	02841212
Surface	m ²	23,018	32,279	50,593	11,151
Internal pipes volume	dm ³	8,087	10,978	16,932	3,911
Cabinet connections in/out	mm	22 / 22	22 / 22	22 / 22	18 / 18
Cod.		02841162	02841163	02841164	02841167
Surface	m ²	22,543	31,615	49,552	11,151
Internal pipes volume	dm ³	5,176	7,084	10,901	3,74
Cabinet connections in/out	mm	10 / 12	10 / 12	10 / 12	10 / 10
Total electrical powers absorbed in W referred to 230V / 50Hz electric input					
		1875	2500	3750	TST
lighting on handrail (electronic ballast)		84	112	168	63
Evaporator low energy fan motors		48	48	72	24

REFRIGERATION POWER

Working temperature °C	Average Evap. Temp. °C	Heat extraction rate for unit length (EN ISO 23953) W/m	Heat extraction rate in W for cabinet length (EN ISO 23953 part 2)			
			1875	2500	3750	TST
-22 / -25	-35	760	1425	1900	2850	931
-18 / -21	-33	730	1369	1825	2738	894

CONTROLS

Air off		Data referred to a controlling probe fitted on air off duct										
Working temperature °C	Thermostat		Defrosting								Alarms	
	ON °C	OFF °C	Type	Fan motors working cond. on/off	n°/24h	End defrost temp. °C	Maximum defrost duration min	Dripping time min	Fans starting delay		Alarm set point °C	Alarm delay time min
									Time min	Temperature °C		
-22 / -25	-27,0	-28,0	Electric	On	3	+9	45	0			-22	35
-18 / -21	-25,0	-26,0		On	3	+9	45	0			-20	35

Setting datas can be changed as per real environmental conditions

CONTROLS

Air off		Data referred to 2 controlling probes fitted on air off and return air ducts												
Working temperature °C	Thermostat		Virtual probe		Defrosting								Alarms	
	ON °C	OFF °C	air off probe %	air in probe %	Type	Fan motors working cond. on/off	n°/24 H	End defrost temp. °C	Maximum defrost duration min	Dripping time min	Fans starting delay		Alarm set point °C	Alarm delay time min
											Time min	Temperature °C		
-22 / -25					Electric									
-18 / -21														

Setting datas can be changed as per real environmental conditions

CONTROLS

Air temperature °C	Average Evap. Temp. °C	Superheating at expansion valve K	Minimum evap. temp. °C	Air off temp. °C	Air inlet temp. °C	Average defrost period Electric min
-22 / -25	-35					
-18 / -21	-33					

Temperatures measured 1 hour after the end of defrost