

**DIMENSIONAL PROPERTIES**

		1250	1875	2500	3750
<i>Cod.</i>		06208902	06208904	06208906	06208909
Length without end-walls	mm	1250	1875	2500	3750
Height	mm	2068	2068	2068	2068
Depth	mm	767	767	767	767
Display opening area	m <sup>2</sup>	1,96	2,94	3,92	5,87
Horizontal display area *	m <sup>2</sup>	2,91	4,36	5,81	8,72
Net volume *	dm <sup>3</sup>	917	1376	1835	2752
TDA ** Total Display Area	m <sup>2</sup>				
Foot print	m <sup>2</sup>	0,96	1,44	1,92	2,88
Weight (end-walls not included)	kg				
Noise level	dB(A)	< 65	< 65	< 65	< 65

\* = with 4 shelves 450 mm \*\* = Total Display Area calculated as in EN ISO 23953, part 2, Annex A

**EVAPORATORS**

		1250	1875	2500	3750
Direct expansion evaporator					
<i>Cod.</i>		02841059	02841060	02841061	02841062
Surface	m <sup>2</sup>	9,78	15,89	21,99	34,20
Internal pipes volume	dm <sup>3</sup>	3,594	5,6	7,525	11,494
Cabinet connections in/out	mm	10 / 12	10 / 18	10 / 18	10 / 18

**EXPANSION VALVES**

		1250	1875	2500	3750
<i>Cod.</i>		04722720	04722720	04722721	04722722
Mechanical Valve	R 404A	TES 2-1,2	TES 2-1,2	TES 2-1,7	TES 2-2,2
Orifice		03	03	04	05

**ELECTRIC COMPONENTS**

		1250	1875	2500	3750
<i>Cod.</i>		04681210	04681210	04681210	04681210
Evaporator fan motors	n° x W	1 x 29	2 x 29	3 x 29	4 x 29
Model or diameter / incl. blade		D.200/ 28°	D.200/ 28°	D.200/ 28°	D.200/ 28°
<i>Cod.</i>		04380516	04380677	04380516	04380677
Roof lighting	n° x W	1 x 36	1 x 58	2 x 36	2 x 58

**ELECTRICAL LOADING**

		1250	1875	2500	3750
Fans	W	29,0	58,0	87,0	116,0
Mechanical ballast light	W	45,0	70,0	90,0	140,0

**OPTIONAL / ALTERNATIVES**

		1250	1875	2500	3750
Secondary coolant evaporator					
<i>Cod.</i>		02841175	02841176	02841184	02841185
Surface	m <sup>2</sup>	9,781	15,886	21,991	34,201
Internal pipes volume	dm <sup>3</sup>	3,594	5,6	7,525	11,494
Cabinet connections in/out	mm	22 / 22	22 / 22	22 / 22	22 / 22
CO2 EVAPORATOR - DIRECT EXPANSION					
<i>Cod.</i>		02841090	02841091	02841092	02841093
Surface	m <sup>2</sup>	9,58	15,559	21,539	33,497
Internal pipes volume	dm <sup>3</sup>	2,26	3,532	4,804	7,349
Cabinet connections in/out	mm	10 / 10	10 / 10	10 / 10	10 / 10
Evap-exchanger for CO2 - PUMP					
<i>Cod.</i>		02841094	02841095	02841096	02841097
Surface	m <sup>2</sup>	9,781	15,886	21,991	34,201
Internal pipes volume	dm <sup>3</sup>	3,103	4,835	6,567	10,031
Cabinet connections in/out	mm	16 / 18	16 / 18	16 / 18	16 / 18
Total electrical powers absorbed in W referred to 230V / 50Hz electric input					
		1250	1875	2500	3750
Defrost heaters		460	690	920	1400
shelves light **** (electronic ballast)		28	42	56	84
Low energy fan motors		12	24	36	48

\*\*\*\* values referred to each rough of lighted shelves

**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)			
			1250	1875	2500	3750
+2 / +4	-8	1156	1445	2168	2890	4335
+4 / +6	-6	1111	1389	2083	2778	4166

**CONTROLS**

Air off		Data referred to a controlling probe fitted on air off duct										
Working temperature °C	Thermostat		Type	Fan motors working cond. on/off	n°/24h	End defrost temp. °C	Maximum defrost duration min	Dripping time min	Fans starting delay		Alarms	
	ON °C	OFF °C							Time min	Temperature °C	Alarm set point °C	Alarm delay time min
	+2 / +4	+2,0										
+4 / +6	+6,0	+4,0		On	3	+8	55	0			+9	35

Setting datas can be changed as per real environmental conditions

**CONTROLS**

Data referred to 2 controlling probes fitted on air off and return air ducts														
Working temperature °C	Thermostat		Virtual 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		Alarms	
	ON °C	OFF °C	air off probe %	air in probe %							Time min	Temperature °C	Alarm set point °C	Alarm delay time min
	+2 / +4													
+4 / +6														

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 Off cycle min
+2 / +4	-8					
+4 / +6	-6					

Temperatures measured 1 hour after the end of defrost