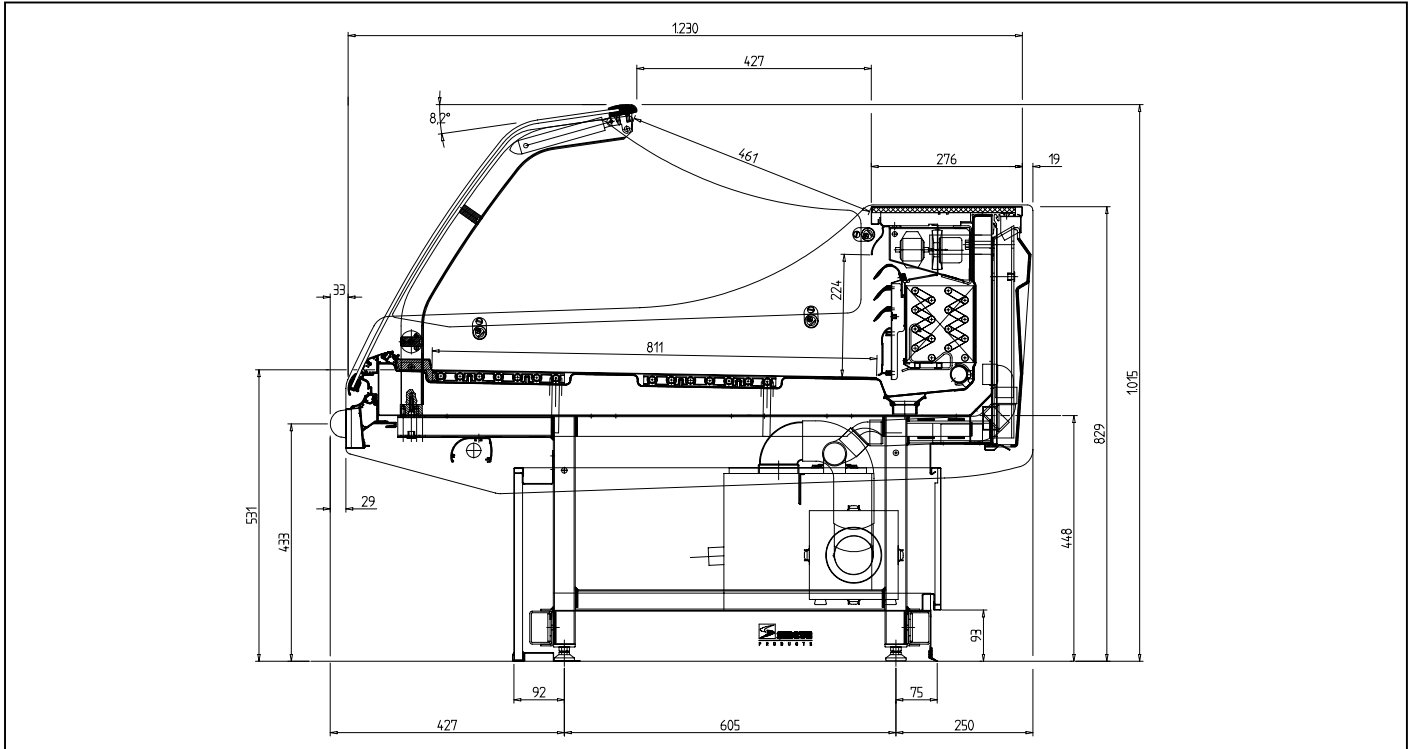
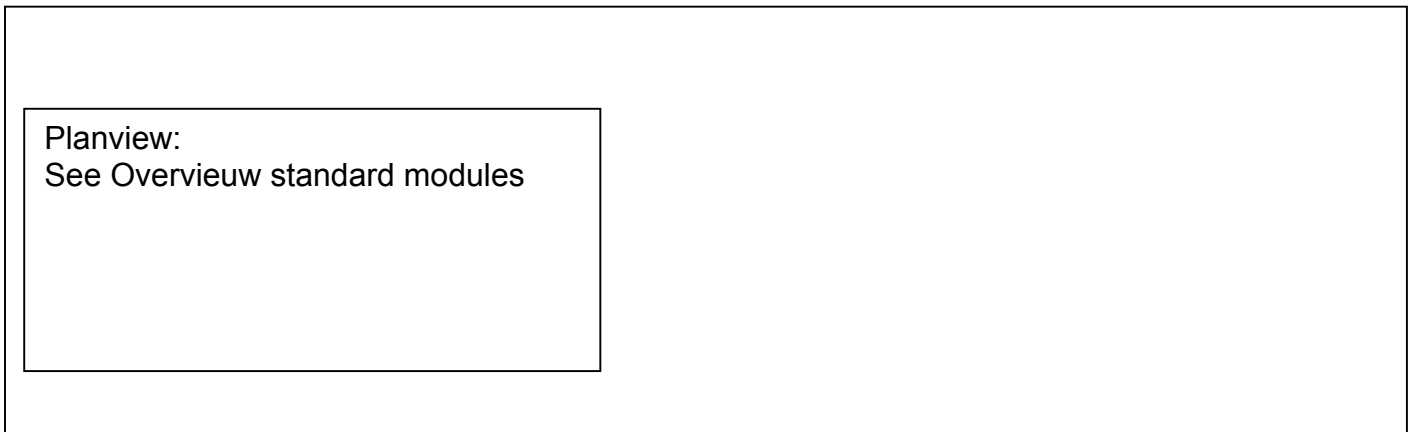


Name	front height	Number of levels	Basic Length	Depth	Top	-
Vision basic module	530 mm	1	-	1282 mm	Traiteur glass	-



Dimensions:



Plan View:



Positions :

•	C	Case leg
----	K	Kick plate line
%	R	Refrigerant lines
Φ	W	Drain cabinet , Ø 40 mm
	E1	connection Pilot terminal box
	E2	connection optional ballast box

All dimensions at page 1 are in mm. basic cabinet module without side walls. Standard modules with tempered glass. Other Lengths and corners are possible with not tempered glass.

Left and right side options, sections and dimensions are quoted looked upon from the service side. The height can be extended by the case legs with max.40 mm. Tolerance according to EN441 for basic length are +7 /-3 mm and general +10 / -4 mm.

Basic module :

	100	150	200	135° corner	225° corner
L	1000	1500	2000		
D	1282				
H	1015				
C1					
C2					
C3					
C4					
W1					
W2					
R1					
R2					
E1					
E2					

All technical data refer to a standard cabinet equipment.

The cabinet is tested according to EN 441 and is manufactured according the relevant requirements of Machinery directive 98/37/EG Annex II B and Pressure equipment directive 97/23/EG article 3.3.

Definitions: Electrical 230 Volt – 50 Hz.
Climate classification 3 (25° C , 60%)
Refrigerant = R404a / R507
Evaporating temperature = -10°
Product temperature M1 (-1 / +5° C)
Charge = 0,25 kg / l.

Dimensions and weights

Basic module	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	
Length+endwalls	1,56	206	2,56	3,06	3,56	4,06	4,56	5,06	5,56	6,06	6,56	7,06	7,56	8,06	8,56	8,06	[M.]
Display area	1,3	1,7	2,1	2,6	3,0	3,4	3,8	4,3	4,7	5,1	5,5	6,0	6,4	6,8	7,2	9,0	[M²]
Cubic capacity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	[l]
Gross Weight	260	350	440	525	610	700	790	875	960	1050	1140	1225	1310	1400	1490	1575	[kg]

Thickness End wall = 30 mm

Refrigerant load

Basic module	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	
Q _o	0,56	0,75	0,94	1,13	1,32	1,50	1,69	1,88	2,07	2,25	2,44	2,63	2,82	3,00	3,19	3,38	[kW]

Direct energy consumption

Basic module	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	
Fans	39	52	65	78	91	104	117	130	143	156	169	182	195	208	221	234	[W]
Frame heater 1	40	43	70	86	75	109	96	130	120	170	160	150	185	192	161	192	[W]
Frame heater 2*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	[W]
Lighting 1 *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	[W]
Lighting 2	35	70	70	90	110	105	145	165	160	200	200	195	215	210	250	270	[W]
Defrost heater	675	875	1075	1275	1550	1750	1950	2150	2350	2550	2825	3025	3300	3500	3700	3900	[W]
Nose Fans *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	[W]
Humidifier	73	80	88	95	103	110	118	125	133	190	198	205	213	220	228	235	[W]
-																	
Σ Basic module	0,86	1,12	1,37	1,62	1,93	2,13	2,43	2,66	2,91	3,27	3,55	3,76	4,06	4,27	4,56	4,83	[kW]

Frameheater 1 = Nose / glass
Frameheater 2 = Workbench (optional)
Lighting 1 = Display area
Lighting 2 = front panel / floor with elec. ballast.

Components basic module

Cooling	Type	150	200	250	300	350	400	450	500	
Evaporator type	2 x 7 - 1/2" -....- 6	1430	1930	2430	2930	3430	3930	4430	5930	[mm]
Circuit volume	Evaporator & Plate	3,6	4,8	5,9	7,1	8,3	9,5	10,7	11,9	[l]
Pipe size Liquid /suction	Cu / Cu	8 / 10	8 / 10	8 / 10	8 / 10	8 / 10	8 / 10	10 / 12	10 / 12	[mm]
Therm. Expansion valve	TES 2	00	00	01	01	01	02	02	02	[orifice]
Liquid Solenoid valve	EVR	3	3	3	3	3	3	3	3	[size]
Suction Solenoid valve	EVR	3	4	4	6	6	6	6	8	[size]
Electr. Expansion valve*	AKV 10	1	2	2	3	3	3	3	4	[orifice]

Electric	Type	150	200	250	300	350	400	450	500	
Fan motor	U82.600.0	3	4	5	6	7	8	9	10	
Fan blade	72-5	3	4	5	6	7	8	9	10	
Fanspeed control	SCU10-V	1	1	1	1	1	1	1	1	

Controller	Type	Master	Slave *
Smeva	SCU535	1	2 *
Sensors 1,2,3,4,5 *	SM811	3	2 x 3 *

Sensor 1 = air-on Sensor 2 = air-off Sensor 3 = evap.-in Sensor 4 = evap-out Sensor 5 = defrost-term.

Plug-in preparations

Basic module	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	
Liquid line	8	8	8	8	8	10	10	10	10	10	10	10	10	10	10	10	[mm]
Liq. Sol.valve	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	[size]
Suction line	10	10	10	10	10	12	12	12	12	12	15	15	15	15	15	15	[mm]
Suct.Sol.valve	3	4	4	6	6	6	6	8	8	10	10	10	10	10	10	10	[size]

Set up data controller

Thermostat	Defrost	Cycle off	Electrical
Cut in	-2 [°C]	No. Defrost per 24 h	7
Differential	2 [K]	Defrost time	15/30/180 [min]
Control weight S1/S2	50 [%]	Defrost termination	6 [°C]

*) Options