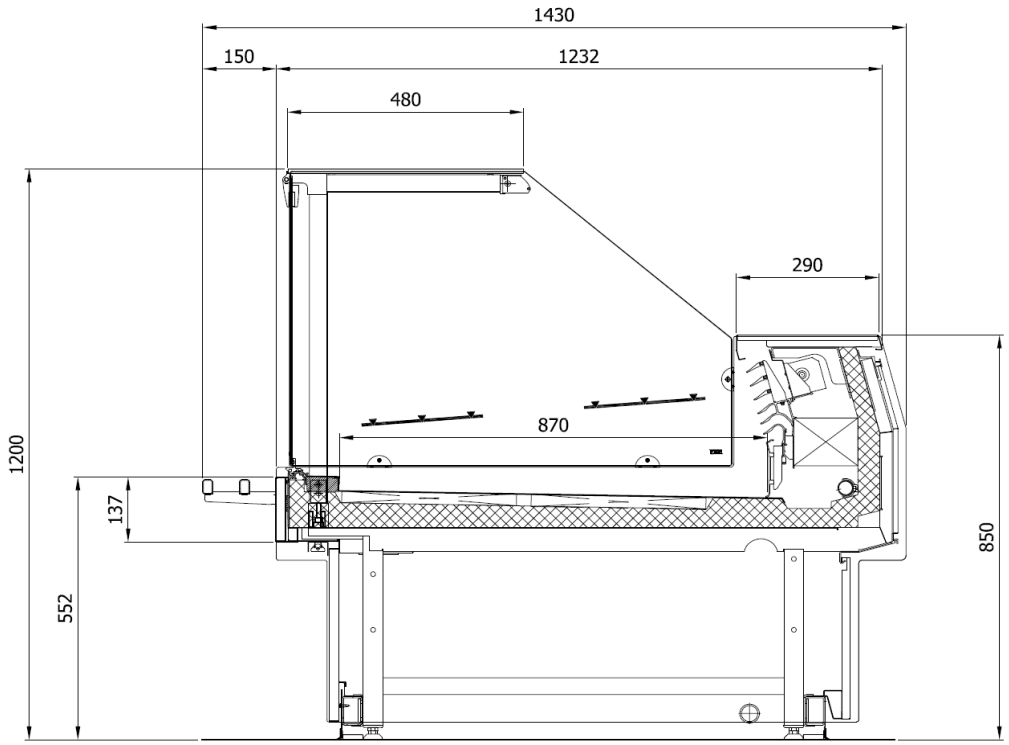
Code Name	Module	Sections	Depth	Front Height	Top Height	Presentation
Vision MKII Assisted Service	625	1250 upt 3750	1275	570	1200	870



Plan View:

Planview:
See VISION MKII FLOORPLAN 1,25 – 5 mtr

All technical data refer to a standard cabinet equipment.
The cabinet is tested according to ISO23953 and is manufactured according the relevant requirements of Machinery directive 98/37/EG Annex II B and Pressure equipment directive 2014/68/EU article 3.3.

Definitions: Electrical 230 Volt – 50 Hz.

Climate classification = 3 (25 ºC , 60 %RH) — Product temperature = M1 (-1 / + 5 ºC)
Refrigerant = HFC or HFC/HFO blend: — Evaporating temperature = -8 °C — MWP 30 bar
Refrigerant = R744 (CO_2) : — Evaporating temperature = -6 °C — MWP 45 bar (optional 60 bar)

Dimensions and weights

Basic module	125	187,5	250	312,5	375	437,5	500	[cm]
Length+endwalls	**1,30**	**1,93**	**2,55**	**3,18**	**3,80**	**4,43**	**5,05**	**[M]**
Display area	**1,1**	**1,6**	**2,2**	**2,7**	**3,3**	**3,8**	**4,4**	**[M2]**
Cubic capacity								**[l]**
Gross Weight	**231**	**347**	**463**	**578**	**694**	**809**	**925**	**[kg]**

Thickness end wall = 25 mm

Refrigeration load

Basic module	125	187,5	250	312,5	375	437,5	500	[cm]
Qo	**0,47**	**0,70**	**0,94**	**1,17**	**1,41**	**1,64**	**1,88**	**[kW]**

Power supply

Basic module	125	187,5	250	312,5	375	437,5	500	[cm]
Fans 1	**6**	**9**	**12**	**15**	**18**	**21**	**24**	[W]
Fans 2	**3**	**3**	**6**	**6**	**9**	**12**	**12**	[W]
Frame heater 1*	15	23	30	38	45	53	60	[W]
Frame heater 2	**25**	**38**	**50**	**63**	**75**	**88**	**100**	[W]
Lighting 1 *	**17**	**30**	**34**	**37**	**51**	**64**	**68**	[W]
Lighting 2 *	11	22	22	22	33	33	44	[W]
Humidifier *	79	88	98	107	116	126	195	[W]
Σ Basic module	**0,051**	**0,080**	**0,102**	**0,121**	**0,153**	**0,185**	**0,204**	**[kW]**

Fans 1 = Display area — Frame heater 1 = Workbench — Lighting 1 = Display area, LED
Fans 2 = Nose / glass — Frame heater 2 = Drain — Lighting 2 = Front panel / floor, LED

Components basic module

Cooling		Type	125	187,5	250	312,5	375	437,5	500	[cm]
Evaporator type		VI-6	1170	1795	2420	3045	3670	2420+1795	2420+2420	[mm]
Circuit volume	*All refrigerants*	Evaporator & Plate	3,5	4,9	6,2	7,6	9,0	11,1	12,4	[l]
Pipe size liquid / suction		Cu / Cu	*Size depending on refrigerant type*							[mm]
Therm. Expansion valve	*HFC/HFO*	TE.-2	*Size depending on refrigerant type*							[orifice]
Liquid Solenoid valve	*HFC/HFO*	EVR-3	*Size depending on refrigerant type*							[mm]
Electr. Expansion valve*	*HFC/HFO*	AKV-10	*Size depending on refrigerant type*							[size]
Electr. Expansion valve	*R744*	AKVH-10	*Size depending on system conditions*							[size]
Electric		**Type**	**125**	**187,5**	**250**	**312,5**	**375**	**437,5**	**500**	
Fan motor		SMEVA	2	3	4	5	6	7	8	
Fan blade		Tangential type	4	6	8	10	12	14	16	
Controller *		**Optional**								
Sensors 1,2,3,4,5 *			3	3	3	3	3	3	3	

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

Plug-in preparations

Basic module	125	187,5	250	312,5	375	437,5	500	[cm]
Liquid line	*Size depending on refrigerant type*							[mm]
Suction line	*Size depending on refrigerant type*							[mm]

Set up data controller

Thermostat			Defrost	Cycle off		Electrical	
Cut in	-3	[ºC]	No. Defrost per 24 h	6			
Differential	2	[K]	Defrost time	60,0	[min]		[min]
Control weighing S3/S4	50	[%]	Defrost termination	6	[ºC]		[ºC]

***) Options**