CROSS-SECTION	INFORMATION

name : **LAZIO**
type : **SWING DOORS**
code: 809607/4
temp. class: 3M1
working temp.: -1/+5 C
power suppy: 230V/50Hz
refrig. supply: PLUG-IN
refrigerant: R290
defrosting: air
fans: electrical
lighting: horizontal
no of rows: 2 single
kind og lighting: LED
doors: tempered double
glass (4 +10 +4)
type: hinged
opened: left/right

EXPOSITION SURFACES

surface	*	rows number	product	width [mm]	load height [mm]	angle [°]	load [kg/m2]
hanged shelve	1	5	normal	450	180	0	35
bottom shelve	2	1	normal	510	180	0	55

CHARACTERISTIC

	*		
module	*	[-]	**2500**
module length	3	[mm]	2500
module height	4	[mm]	2000
module width	5	[mm]	900
display height	6	[mm]	1615
display opening area	7	[m²]	4.04
total display area (TDA)	8	[m²]	4.04
visibility of products (VPA)	9	[m²]	1.80
net volume	10	[dm³]	1242.00
refrigerated shelf area	11	[m²]	6.90
net weight	12	[kg]	463

AMBIENT PARAMETERS			
1	climate class	-	3
2	max. ambient temperature	[°C]	25
3	max. ambient humidity	[%]	60
4	Illumination	[lux]	200
5	max. ambient air speed	[m/s]	0.2

DEVICE WORKING PARAMETERS			
6	device temperature class	-	M1
7	cabinet temperature	[°C]	-1/+5
8	refr. evaporating / condensing temp.	[°C]	-8/+45 C
9	suction superheat	[K]	5
10	refrigerant		R290

COOLING DATA			
module	*	[-]	2500
unit cooling capacity	11	[W]	1284
inlet tube	13	[mm]	15
outlet tube	14	[mm]	18
refrigerant fluid	15	[kg]	0.15

ELECTRICAL DATA			
module	*	[-]	2500
power suppy	16	[V/Hz]	230/50
compressor	17	[W]	632
	18	[A]	3.10
defrosting, hot gas	19	[W]	0
	20	[A]	0.00
fans	21	[W]	76
	22	[A]	0.37
lighting	23	[W]	75
	24	[A]	0.37
heaters	25	[W]	0
	26	[A]	0.00

RATED DATA			
module	*	[-]	2500
power rate, current	27	[W]	783
	28	[A]	3.84

ELECTRICAL CONSUMPTION			
module	*	[-]	2500
TEC	29	[kWh/24h]	7.05
AE	30	[kWh/a]	2572.16
EEI	31		12.15 Energy Class: B

WORKING PARAMETERS							
32	defrosting time	[h/24h]	3	34	working time of heaters	[h/24h]	
33	working time of fans	[h/24h]	12	35	working time of lighting	[h/24h]	12

PARAMETERS OF ELECTRICAL TERMINALS						
36	power supply P+N+PE	[V/Hz]	230/50	37	electrical connection - plug-in socket	230V/16A

TEC - TOTAL ENERGY CONSUMPTION   EEI - ENERGY EFFICIENCY

NOTICE
In the devices with night curtain or covers, the covering time is 12h.

CONTROLLING PARAMETERS

#				#			
1	set point ST	[°C]	0	6	correction ST by night	[°C]	-
2	differential ST	[°C]	2	7	defrosting number	[il/24	4
3	set point correction ST	[°C]	-	8	temperature of defrosting end	[°C]	8
4	fan running during defrosting	[yes/no]	yes	9	maximum time of defrosting	[min]	45
5	stop fans temperature	[°C]	-	10	dripping time	[min]	0
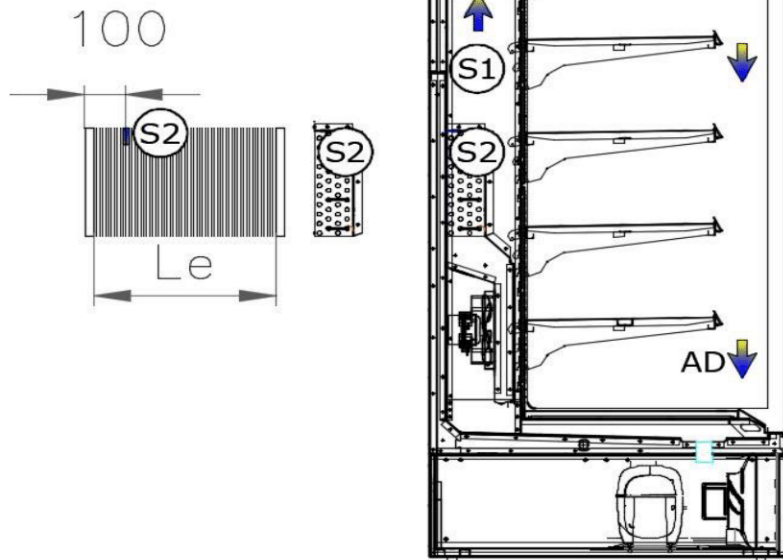
1 - LOCALIZATION OF CONTROL PROBE
2 - LOCALIZATION OF DEFROSTING PROBE, DEFROSTING HEATERS
lm - MODULE LENGTH

S1 - CONTROL PROBE
S2 - DEFROSTING PROBE
le- LENGTH OF EVAPORATOR

Hd - DEFROSTING HEATER
EV - EXPANSION VALVE
AD - AIR FLOW DIRECTION

Notice
Automatic control system should ensure deicining from evaporator and removal of water.
The devices in line must be controlled dependently. The contorl system of particular devices in line must synchronize the start and end of defrosting process
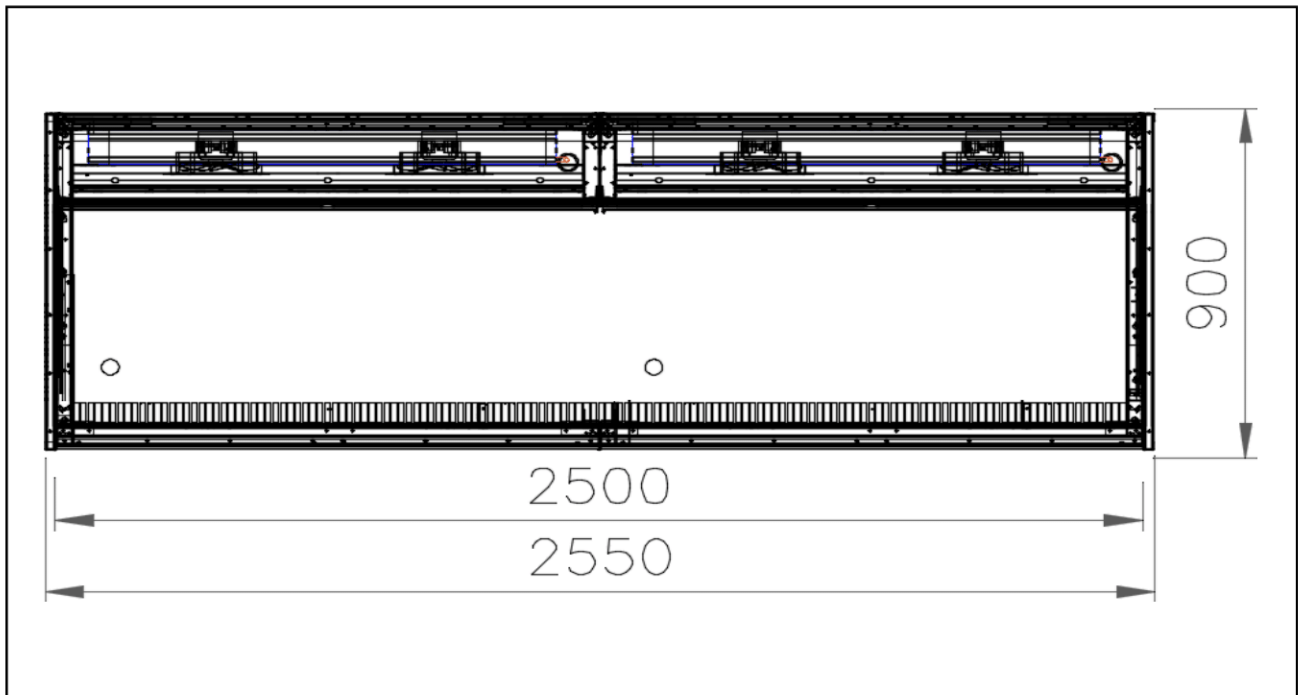The defrosting process should be managed by temperature. 9-th parameter should be treated as emergency.
If the parameter number 4 is set on "no" value, the fans work depends on temperature value of defrosting probe (parameter no 5). During the dripping time of evaporator the fans dont work.
The correction set point by night ensures the correct device work with closed curtains. The parameter beneficially influences energy savings.
If it is necessary, please modify parameters to provide good work of device.

EURO VITRINE

900

2500

2550

	REFRIGERATION CONNECTION UNDER DEVICE		ELECTRIC CONNECTION UNDER DEVICE	CONDENSAT WATER DRAINAGE
	UPPER REFRIGERATION CONNECTION		UPPER ELECTRICAL CONNECTION	

NOTICE
To arrange a device you need to ensure its correct vantilation. The surfaces of side glass must be moved from walls in order to guarantee air flow to dry them. To ensure the correct work the refrigeration devices must be moved from a wall on the distance of 50mm (remote device) and 100mm (plug-in).
THE MANUFACTURER RESERVES THE RIGHT TO ALTER THE FEATURES AND TECHNICAL SPECIFICATIONS OF ITS PRODUCTS.