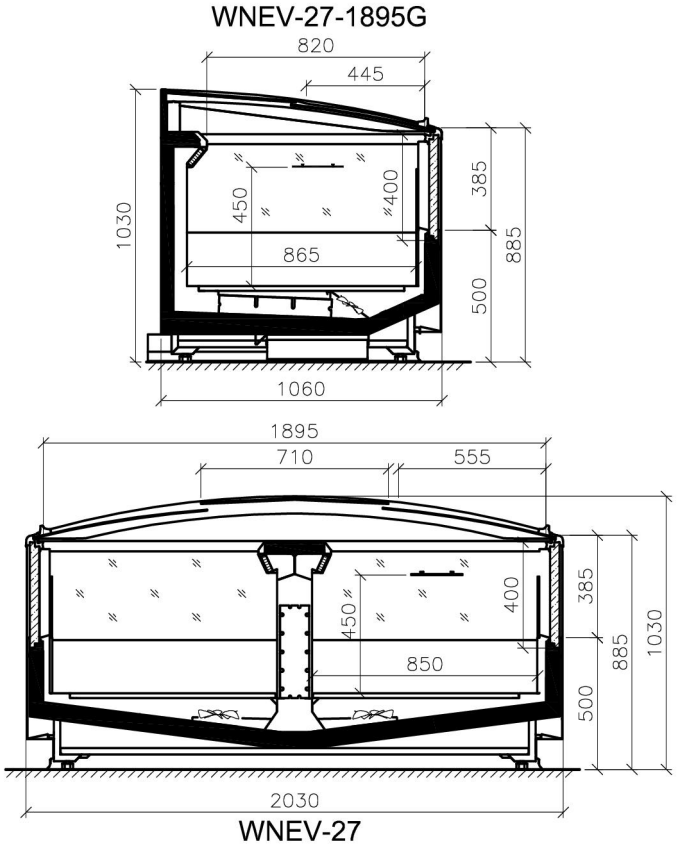
CROSS-SECTION



INFORMATION

name:	Everest 2.0
symbol:	WNEV-27
code:	3L1-R-HFC-CCP-00
temp. class:	3L1
product temperature:	-25...-18 °C
working temp.:	-25...-21 °C
power supply:	~230,400V/50Hz
refrig. supply:	REMOTE
refrigerant:	R404A,R410A,R422A R422D,R507,507A
glass:	covers
type of glass:	singel, curved
defrosting:	electric
fans:	ESM (room)

EXPOSITION SURFACES

surface	*	rows number	product	width [mm]	load height [mm]	angle [°]	load [kg/m2]
bottom shelve	1	1	sensitive	865	450	0	200

CHARACTERISTIC

module	*	[-]	1895G	1875	2500	3750	x 1.0
module length	2	[mm]	1895	1875	2500	3750	-
display opening area	3	[m2]	0,86	2,08	2,77	4,16	-
total display area (TDA)	4	[m2]	2,30	3,78	5,05	7,57	-
visibility of products (VPA)	5	[m2]	0,96	0,91	1,22	1,82	-
net volume	6	[dm3]	737	1432	1909	2864	-
refrigerated shelf area	7	[m2]	1,64	3,18	4,24	6,36	-
net weight	8	[kg]	-	-	-	-	-

NOTICE
* development version
The information included in the Technical Data of device refers to certain equipment defined in the first page.
All values and parameters are defined on the basis of standard PN EN ISO 23953 for the given temperature class, range of temperature and equipment

RECOMMENDATIONS
The correct work of devices enables its non-failure work with energetical rated parameters
Complying with the rules of device loading guarantees the stable temperature parameters of stored products
Properly selected operating parameters allow you to greatly reduce the cost of electricity consumption.
THE MANUFACTURER RESERVES THE RIGHT TO ALTER THE FEATURES AND TECHNICAL SPECIFICATIONS OF ITS PRODUCTS.

JBG-2 Sp. z o.o. Producer of Professional Refrigeration Equipment
43-254 WARSZOWICE, 5, Gajowa Str., Poland, Service tel. +48 32 475 91 57, +48 601 427 885

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	-	L1
7	cabinet temperature	[°C]	-25...-21
8	refr. evaporating / condensing temp.	[°C]	-32 / +35
9	suction superheat / overcolling	[K]	5 / 0
10	refrigerant	R404A,R410A,R422A,R422D,R507,R507A	

COOLING DATA							
module	*	[-]	1895G	1875	2500	3750	x 1.0
cooling capacity $Ø_{24}$	11	[W]	517	729	971	1457	389
heat extraction rate HER	12	[W]	536	749	999	1499	400
inlet tube	13	[mm]	10	10	10	10	-
outlet tube	14	[mm]	12	12	16	18	-

ELECTRICAL DATA							
module	*	[-]	1895G	1875	2500	3750	x 1.0
power supply	15	[V/Hz]	~230,400/50	~230,400/50	~230,400/50	~230,400/50	~230,400/50
defrosting	16	[W]	1750	2580	3660	5400	1464
	17	[A]	-	-	-	-	-
	18	[A(3)]	3,26	4,52	6,43	9,78	2,57
fans	19	[W]	3	10	14	20	5
	20	[A]	0,02	0,06	0,08	0,12	0,03
heaters	21	[W]	141	214	296	488	118
	22	[A]	0,62	0,94	1,28	2,12	0,51

RATED DATA							
module	*	[-]	1895G	1875	2500	3750	x 1.0
power rate, current	23	[W]	1894	2804	3970	5908	1588
	24	[A]	-	-	-	-	-
	25	[A(3)]	3,26	4,52	6,43	9,78	2,57

ELECTRICAL CONSUMPTION							
module	*	[-]	1895G	1875	2500	3750	x 1.0
REC	26	[kWh/24h]	10,14	14,29	19,05	28,57	7,62
DEC	27	[kWh/24h]	4,63	6,66	9,25	14,89	3,70
TEC	28	[kWh/24h]	14,77	20,95	28,30	43,46	11,32

WORKING PARAMETERS							
29	defrosting time	[h/24h]	0.6	31	working time of heaters	[h/24h]	24
30	working time of fans	[h/24h]	23.2	32	working time of lighting	[h/24h]	12

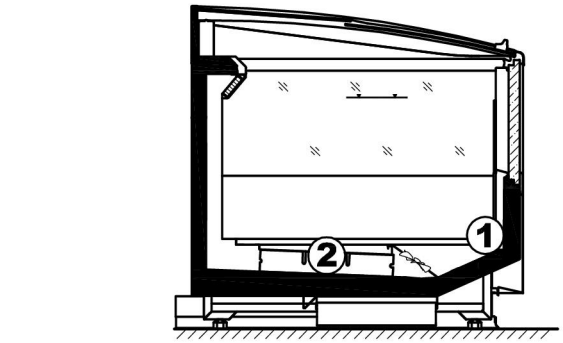
PARAMETERS OF ELECTRICAL TERMINALS							
33	power supply, 3P+N+PE	[V/Hz]	~230,400/50	34	electric connection	[mm2]	2.5

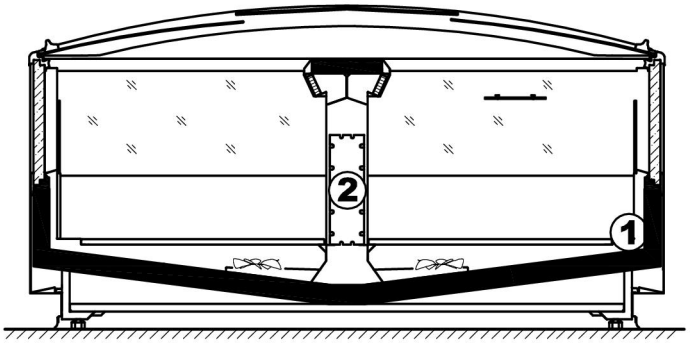
$Ø_{run} = Ø_{24}$ x 1.2 - COOLING CAPACITY NECESSARY FOR A SINGLE CABINET INSTALLATION
$Ø_{24}$ - COOLING CAPACITY NECESSARY FOR A MULTI-CABINET INSTALLATION
HER - COOLING CAPACITY FOR ENERGY CONSUMPTION CALCULATION
DEC - DIRECT ENERGY CONSUMPTION
REC - REFRIGERATION ENERGY CONSUMPTION
TEC - TOTAL ENERGY CONSUMPTION

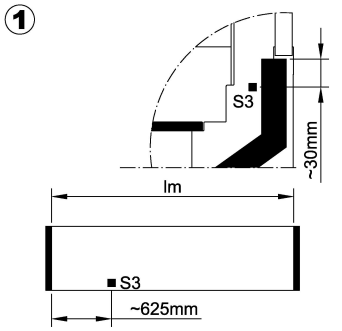
NOTICE
Line of equipment means as connection of some pieces of equipment, supplied by the same cooling system.
Cooling capacity of a single device or a short line of equipment must be increased by a factor of simultaneity.
Evaporation temperature given is an avverage one, which you have to provide while equipment works to guarantee its work in environmental conditions.
Decision concerning compressor choice should be made taking into consideration loss of evaporation temperature caused by connections (evaporation temperature is always lower than given).
In the devices with night curtain or covers, the covering time is 12h.

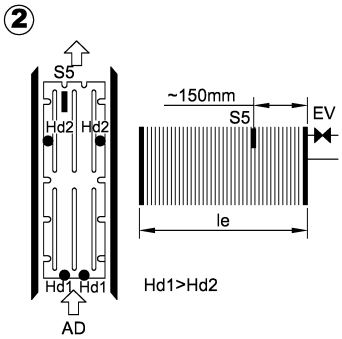
CONTROLLING PARAMETERS							
1	set point ST	[°C]	-22	6	correction ST by night	[K]	0
2	differential ST	[°C]	1	7	defrosting number	[il/24h]	2
3	set point correction ST	[°C]	0	8	temperature of defrosting end	[°C]	10
4	fan running during defrosting	[yes/no]	yes/no*	9	maximum time of defrosting	[min]	60
5	stop fans temperature	[°C]	-	10	dripping time	[min]	5

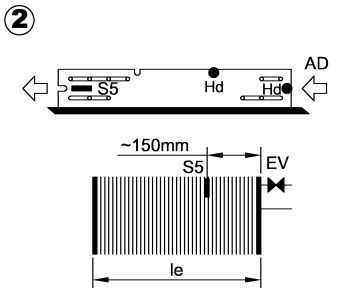
*module 1895G / other modules









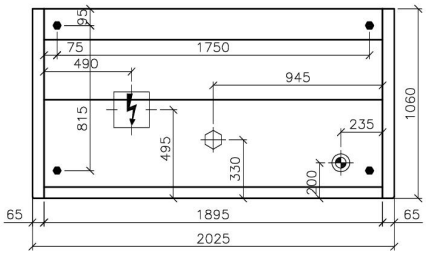


1 - LOCALIZATION OF CONTROL PROBE	S3 - CONTROL PROBE	Hd - DEFROSTING HEATER
2 - LOCALIZATION OF DEFROSTING PROBE, DEFROSTING HEATERS	S5 - DEFROSTING PROBE	EV - EXPANSION VALVE
lm - MODULE LENGTH	le - LENGTH OF EVAPORATOR	AD - AIR FLOW DIRECTION

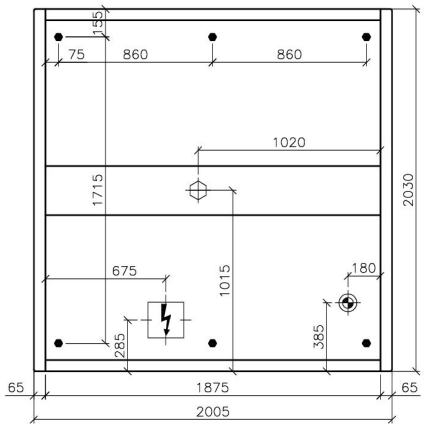
NOTICE

Automatic control system should ensure deicinig from evaporator and removal of water.
The devices in line must be controlled dependently. The control 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 the temperature value of defrosting probe (parameter no 5). During the dripping time of evaporator the fans don't work.
The correction set point by night ensures the correct device work with closed curtains. The parameter beneficially influences energy saving.
If it is necessary, please modify parameters to provide good work of device

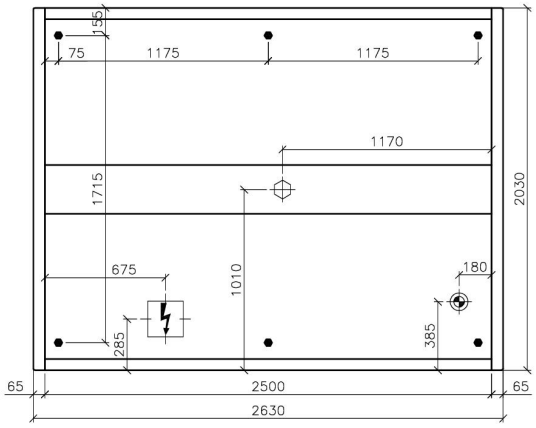
JBG-2 Sp. z o.o. Producer of Professional Refrigeration Equipment
43-254 WARSZOWICE, 5, Gajowa Str., Poland, Service tel. +48 32 475 91 57, +48 601 427 885



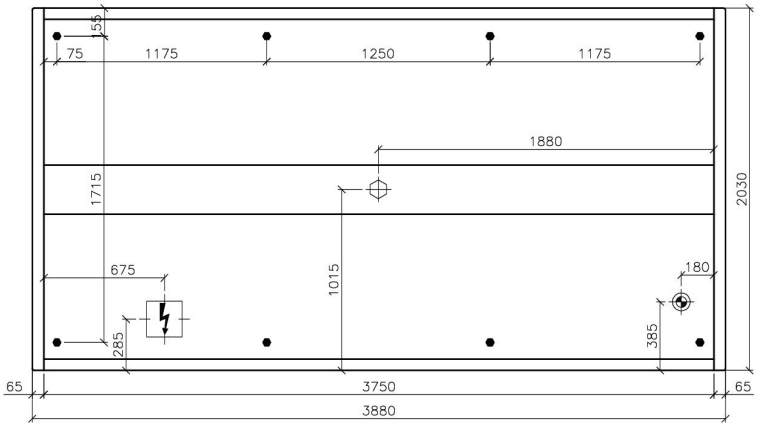
WNEV-27-1895G



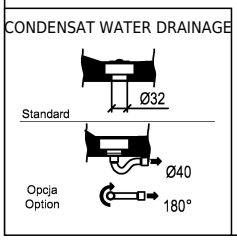
WNEV-27-1875



WNEV-27-2500



WNEV-27-3750



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.

JBG-2 Sp. z o.o. Producer of Professional Refrigeration Equipment
43-254 WARSZOWICE, 5, Gajowa Str., Poland, Service tel. +48 32 475 91 57, +48 601 427 885