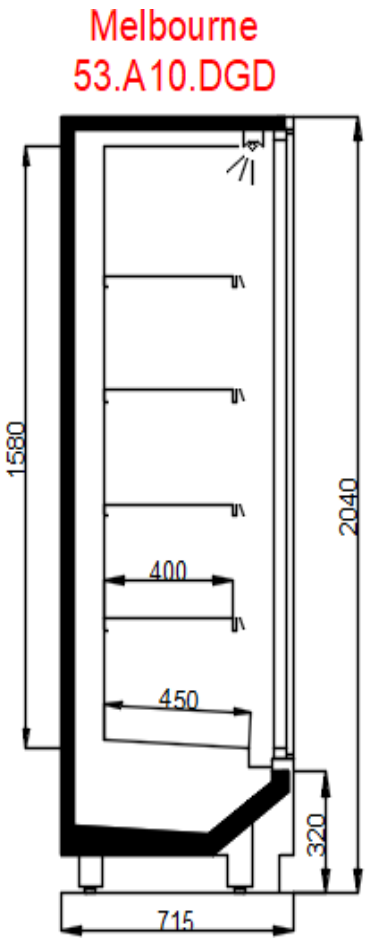
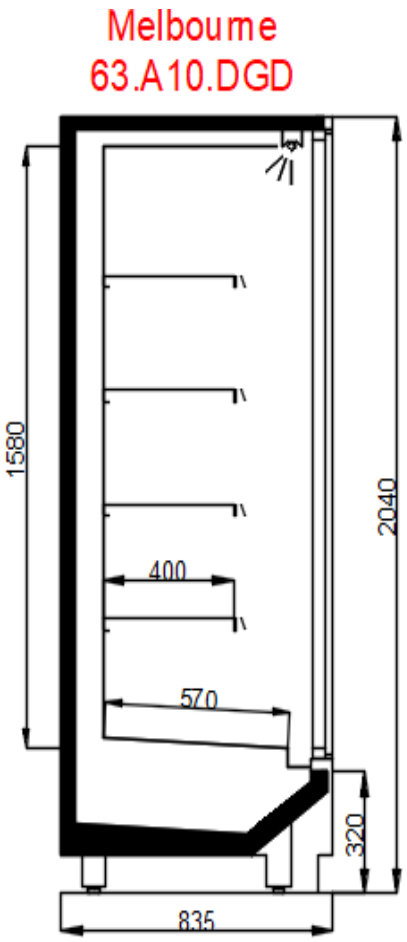
CROSS-SECTION





INFORMATION

MAIN
symbol:MELBOURNE 53-63.A10.DGD
code: 3M1-R404

temp. class: 3

refrig. supply:r e m o t e

refrigerant: R404

glass: GLAZED

defrosting type:TIMING DEFROSTING

FANS

fans: room

type: EC-WELLİNGTON

lighting: horizontal

type : vertical

EXPOSITION SURFACES							
surface	*	*rows number*	*product*	*width [mm]*	*load height [mm]*	*angle [°]*	*load [kg/m2]*
hanged shelve	*4*	*4*	*normal*	*400*	*255*	*0*	*100*
bottom shelve	*1*	*1*	*normal*	450-570	*255*	*0*	*200*

CHARACTERISTIC					
module	*	*[m]*	*1250*	*1875*	*2500*
MODULE LENGTH	*3*	*[mm]*	*1250*	*1875*	*2500*
TOTAL DISPLAY AREA (TDA) (53-63)	*5*	*[m2]*	3,57 - 5,07	5,37 - 7,62	7,17 - 10,17
VISIBILITY OF PRODUCTS (VPA)	*6*	*[m2]*	*1,87*	*2,5*	*3,7*
NET VOLUME (53-63)	*7*	*[dm3]*	*1,60 - 2,88*	*2,41 - 4,34*	*3,22 - 5,79*
REFRIGERATED SHELF AREA	*8*	*[m2]*	-	-	-
NET WEIGHT	*9*	*[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 TS 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.

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]	-10 / +45
9	suction superheat / overcolling	[K]	- / -
10	refrigerant	R404	

COOLING DATA					
module	*	[m]	1250	1875	2500
UNIT COOLING CAPACITY	11	[W]	572	858	1145
INLET TUBE	12	[mm]	3/8	3/8	3/8
OUTLET TUBE	13	[mm]	5/8	5/8	5/8
REFRIGERANT FLUID	14	[kg]	-	-	-

ELECTRICAL DATA					
module	*	[m]	1250	1875	2500
POWER SUPPLY	15	[V/Hz]	~230/50	~230/50	~230/50
DEFROSTING,	18	[W]	-	-	-
	19	[A]	-	-	-
FANS	20	[W]	8	16	24
	21	[A]	0,03	0,07	0,10
LIGHTING	22	[W]	36	54	54
	23	[A]	0,17	0,25	0,25

RATED DATA					
module	*	[m]	1250	1875	2500
POWER RATE, CURRENT	26	[W]	156	269	302
	27	[A]	0,70	1,22	1,37

ELECTRICAL CONSUMPTION					
module	*	[m]	1250	1875	2500
TEC	28	Wh/24h	3,7 KW	6,45 KW	7,2 KW
AE	29	Wh/1m	111 KW	193,5 KW	216 KW

ELECTRICAL CONSUMPTION					
module	*	[m]	1250	1875	2500
EEI	30		8,8 - 6,6	11,1 - 8,2	9,6 - 7,0

WORKING PARAMETERS							
29	defrosting time	[h/24h]	6*45	31	working time of heaters	[h/24h]	24
30	working time of fans	[h/24h]	24	32	working time of lighting	[h/24h]	12

PARAMETERS OF ELECTRICAL TERMINALS							
33	power supply P+N+PE	[V/Hz]	~230/50	34	electrical connection	-	230V/16A

CONTROLLING PARAMETERS							
1	set point ST	[°C]	3	6	correction ST by night	[°C]	-
2	differential ST	[°C]	2	7	defrosting number	[il/24h]	4
3	set point correction ST	[°C]	2	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]	55	10	dripping time	[min]	2

TEC - TOTAL ENERGY CONSUMPTION

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