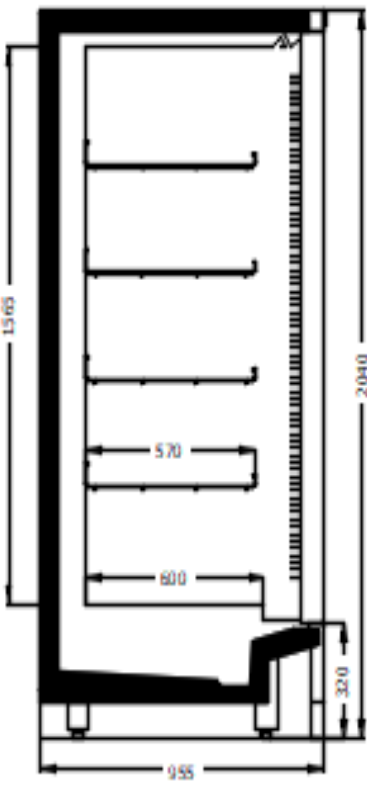


CROSS-SECTION	INFORMATION
Manama 63.A1 	MAIN symbol:MANAMA 63,A1 code: 3M1-R744 (Co2) temp. class: 3 refrig. supply:remote refrigerant: R744 glass: GLAZED defrosting type:TIMING DEFROSTING FANS fans: room type: EC - WELLINGTON lighting: VERTICAL type : vertical

EXPOSITION SURFACES							
surface	*	rows number	product	width [mm]	load height [mm]	angle [°]	load [kg/m2]
hanged shelf	3	4	normal	500	255	0	100
bottom shelf	1	1	normal	600	255	0	200

CHARACTERISTIC					
module	*	[m]	2343	3124	3905
MODULE LENGTH	3	[mm]	2343	3124	3905
DISPLAY OPENING AREA	4	[m2]	3,95	5,30	6,63
TOTAL DISPLAY AREA (TDA)	5	[m2]	2,60	3,46	4,33
VISIBILITY OF PRODUCTS (VPA)	6	[m2]	2,34	3,12	3,90
NET VOLUME	7	[dm3]	2228	2971	3714
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	-	L1
7	cabinet temperature	[°C]	-22...-18
8	refr. evaporating / condensing temp.	[°C]	-40 / -15
9	suction superheat / overcolling	[K]	- / -
10	refrigerant	R744(Co2)	

COOLING DATA

module	*	[m]	2343	3124	3905
UNIT COOLING CAPACITY	11	[W]	1979	2630	3298
INLET TUBE	12	[mm]	3/8	3/8	3/8
OUTLET TUBE	13	[mm]	22mm	22mm	22mm
REFRIGERANT FLUID	14	[kg]	-	-	-

ELECTRICAL DATA

module	*	[m]	2343	3124	3905
POWER SUPPLY	15	[V/Hz]	~230/50	~230/50	~230/50
DEFROSTING,	18	[W]	3350	4500	5630
	19	[A]	15,22	20,45	25,59
FANS	20	[W]	52	65	78
	21	[A]	0,23	0,29	0,35
LIGHTING	22	[W]	60	75	90
	23	[A]	0,27	0,34	0,40

RATED DATA

module	*	[m]	2343	3124	3905
POWER RATE, CURRENT	26	[W]	4038	5393	6606
	27	[A]	18,35	24,51	30,02

ELECTRICAL CONSUMPTION

module	*	[m]	2343	3124	3905
TEC	28	Wh/24h	96,9 KW	129,4 KW	158,5 KW

WORKING PARAMETERS

29	defrosting time	[h/24h]	3*45	31	working time of heaters	[h/24h]	24
30	working time of fans	[h/24h]	22	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]	-22	6	correction ST by night	[°C]	-
2	differential ST	[°C]	2	7	defrosting number	[il/24h]	3
3	set point correction ST	[°C]	2	8	temperature of defrosting end	[°C]	8
4	fan running during defrosting	[yes/no]	no	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.