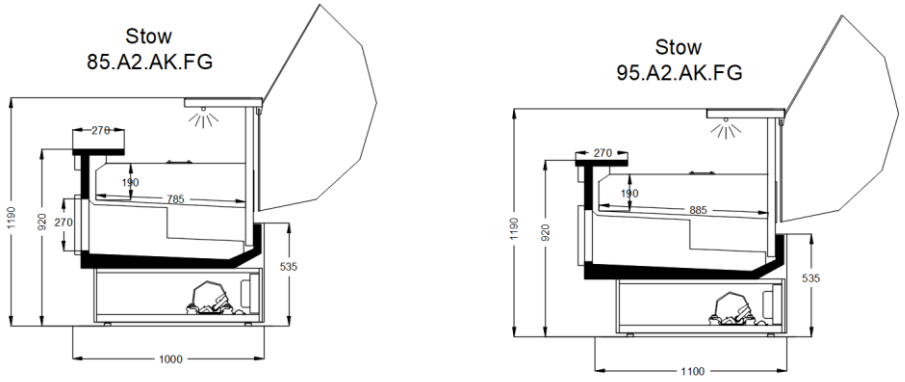
CROSS-SECTION



INFORMATION

MAIN
symbol: STOW
code: 3M1-R290
temp. class: 3M1
refrig. supply: plug-in
refrigerant: R290

DEFROSTING
defrosting type:TIMING DEFROSTING

FANS
fans: room
type: FMI
lighting: horizontal&vertical
type: 85-95.A2.AK.FG

EXPOSITION SURFACES

surface	*	*rows number*	*product*	*width [mm]*	*load height [mm]*	*angle [°]*	*load [kg/m2]*
bottom shelve (85/95)	*2*	*1*	*normal*	*785 - 885*	*295*	*0*	*200*

CHARACTERISTIC

module	*	*[m]*	937	1250	1875	2500	2813	3124	3750
MODULE LENGTH	*3*	*[mm]*	937	1250	1875	2500	2813	3124	3750
DISPLAY OPENING AREA	*4*	*[m2]*	937	1250	1875	2500	2813	3124	3750
TOTAL DISPLAY AREA (TDA)	*5*	*[m2]*	0,55 - 0,63	0,74 - 0,86	1,13 - 1,31	1,51 - 1,76	1,72 - 1,99	1,91 - 2,22	2,30 - 2,67
VISIBILITY OF PRODUCTS (VPA)	*6*	*[m2]*	937	1250	1875	2500	2813	3124	3750
NET VOLUME	*7*	*[dm3]*	0,43 - 0,55	0,58 - 0,76	0,88 - 1,15	1,18 - 1,55	1,35 - 1,76	1,49 - 1,96	1,80 - 2,36
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.

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...-+7
8	refr. evaporating / condensing temp.	[°C]	-10 / +45
9	suction superheat / overcolling	[K]	- / -
10	refrigerant	R290	

COOLING DATA									
module	*	[m]	937	1250	1875	2500	2813	3124	3750
UNIT COOLING CAPACITY	11	[W]	1165	1165	1419	1702	2142	2142	2446
INLET TUBE	12	[mm]	6	6	6	6	6	6	6
OUTLET TUBE	13	[mm]	10	10	10	10	10	10	10
REFRIGERANT FLUID	14	[kg]	0,150	0,170	0,250	0,270	0,270	0,320	0,550

ELECTRICAL DATA									
module	*	[m]	937	1250	1875	2500	2813	3124	3750
POWER SUPPLY	15	[V/Hz]	~230/50	~230/50	~230/50	~230/50	~230/50	~230/50	~230/50
COMPRESSOR	16	[W]	556	556	678	737	976	976	1233
	17	[A]	2,52	2,52	3,08	3,35	4,43	4,43	5,55
DEFROSTING,	18	[W]	-	-	-	-	-	-	-
	19	[A]	-	-	-	-	-	-	-
STEAM RES.		[W]	700 W	700 W	700 W	700 W	700 W	700 W	700 W
		[A]	3,18	3,18	3,18	3,18	3,18	3,18	3,18
COND. FANS		[W]	70 W	70 W	140 W	140 W	140 W	140 W	210 W
		[A]	0,31 A	0,31 A	0,63 A	0,63 A	0,63 A	0,63 A	0,95 A
FANS	20	[W]	38 W	38 W	76 W	114 W	114 W	152 W	152 W
	21	[A]	0,17 A	0,17 A	0,34 A	0,51 A	0,51 A	0,69 A	0,69 A
LIGHTING	22	[W]	15 W	18 W	30 W	36 W	45 W	48 W	54 W
	23	[A]	0,068 A	0,081 A	0,13 A	0,16 A	0,20 A	0,21 A	0,24 A
HEATERS	24	[W]	40 W	50 W	75 W	100 W	120 W	125 W	150 W
	25	[A]	0,18 A	0,22 A	0,34 A	0,45 A	0,54 A	0,56 A	0,68 A

RATED DATA									
module	*	[m]	937	1250	1875	2500	2813	3124	3750
POWER RATE, CURRENT	26	[W]	1419 W	1432 W	1699 W	1827 W	2095 W	2141 W	2499 W
	27	[A]	6,45 A	6,50 A	7,72 A	8,30 A	9,52 A	9,73 A	11,35 A

ELECTRICAL CONSUMPTION									
module	*	[m]	937	1250	1875	2500	2813	3124	3750
TEC	28	Wh/24h	4,2 KW	6 KW	8,5 KW	11 KW	13 KW	14 KW	17 KW
EEI			62,71 - 59,62	79,90 - 75,12	93,09 - 86,13	102,30 - 93,61	112,41 - 102,42	113,16 - 102,72	121,47 - 109,58

module	*		937	1250	1875	2500	2813	3124	3750
AE	*	[m]	1533 KW	2190 KW	3102,5 KW	4015 KW	4745 KW	5110 KW	6205 KW

WORKING PARAMETERS							
29	defrosting time	[h/24h]	0.6	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 - plug-in socket	-	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]	6
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]	-	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.