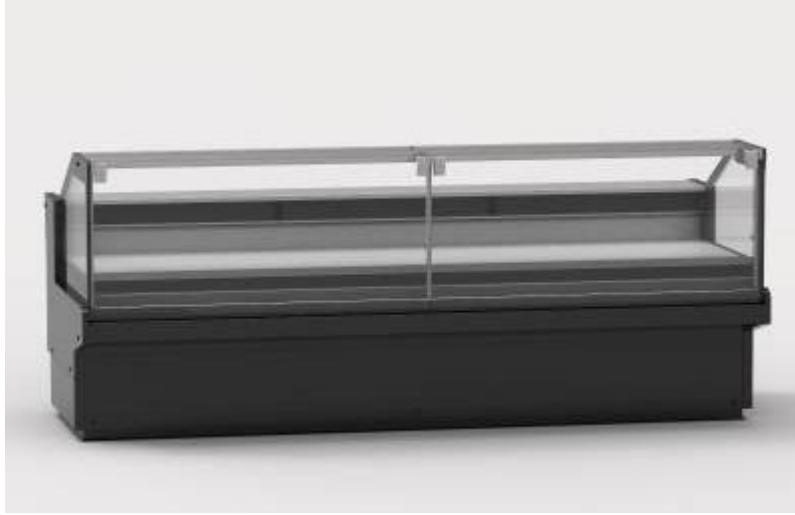


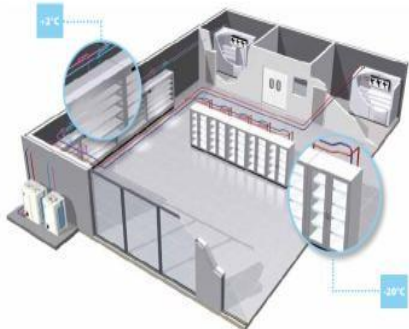
STOW

HORIZONTAL REFRIGERATED DISPLAY CABINETS *remote positive refrigerated serve-over counters & counters*



TECHNICAL DATA SHEET

May, 2024 Rev 01



inanç Teknik Metal San . Ve Tic . Ltd . Şti

[Köseler, Toki Konutları Yanı, Şükürtepe Sk. No:90, 41455 Dilovası/Kocaeli](#)

Tel : +90 262 653 00 33

Fax : +90 262 653 00 31

info@inancteknik.com.tr

www.inancteknik.com.tr

Modules			Unit	STOW	
DIMENSIONS					
Length of Module with endwalls		mm	1250		
Thickness of Endwall			40		
Total Display Area (TDA)		m²	2,72		
Display Opening Area			2,11		
Net Volume		liter	895		
REFRIGERATION DATA					
Refrigeration Load	3M1	Te: -10° C	W	1165	
CLIMATE CLASS 3 : 25° C - 60% RH (in compliance with EN ISO 23953)					
Te: Evaporating Temperature					
The refrigerant is R290 as standard					
REFRIGERATION SELECTION DATA					
Condensing Temperature		°C	+35		
Evaporator Superheat		K	10		
Subcooling			4		
TEMPERATURE CLASS					
M1		°C	+5	-1	
ELECTRICAL DATA					
Supply Voltage		V/Ph/Hz	220Vac / 1Ph / 50Hz		
STANDARD					
CABINET					
Evaporator Fan	Shaded Pole Motor-Fan	W	38		
		n°	1		
		A	0,017		
	Fan Blades (suction)	Ømm / α	154 / 22°		
Anti-Condensing Fans	Antimist Fan	W	N/A		
Heaters	Trim Heater Glass	W	50		
	Defrost Heaters	W	N/A		
		n°	N/A		
		A	N/A		
INTEGRATED CONDENSING UNIT					
Refrigeration Compressor	Type	-	MBP Hermetic Reciprocating Compressor		
	Power Input	W	556		
		A	2,52		
Heaters	Vaporizing Container Heater	type	M RESIDENCE		
		W	700		
		n°	1		
		A	3,1		
Condenser Fan	Shaded Pole Motor-Fan	W	70		
		n°	1		
		A	0,31		
		Fan Blades (suction)	Ømm / α	254 / 34°	
ELECTRICAL DATA					
OPTIONS & ACCESSORIES					
Evaporator Fan	Energy Saving Motor-Fan (ESM)	W	13		
		n°	1		
		A	0,059		
Condenser Fan	Energy Saving Motor-Fan (ESM)	W	70		
		n°	1		
		A	0,31		



Power input datas of refrigeration compressor are related with the refrigerant R290 as standard. The datas could be changed depending on the alternative refrigerants as options.



Power input datas of refrigeration compressor are related with the refrigerant R290 as standard. The datas could be changed depending on the alternative refrigerants as options.

TECHNICAL DATA SHEET

LIQUID REFRIGERANT INJECTION CONTROL

Expansion Devices	Capillary Tube standard application	-	the size of capillary tube as expansion device is determined depending on the refrigerant R290
-------------------	--	---	--

REGULATION SETTING PARAMETERS

COMPRESSOR

Compressor Cut-out Temperature	3M1	°C	3
Compressor Cut-in Temperature			5

ts: supply air temperature (air off from evaporator; delivery)

REGULATION SETTING PARAMETERS

DEFROST "common"

Defrost Method	-	Electric
Interval between Defrost Starts	hour	4 (6 times a day)
Defrost Endurance Time (maximum defrost duration)	minute	45
Defrost Termination (stop) Temperature	°C	8
Drip Off Time	minute	2
Defrost Sensor	-	Evaporator Coil Sensor

ELECTRIC DEFROST: The refrigerant supply to the evaporator is cut-off (OFF) during electric defrost period and the defrost elements are ON

REGULATION SETTING PARAMETERS

EVAPORATOR FANS

Fan Cut-in During Defrost	-	YES (ON)
Fan Delay Time after Defrost	minute	2

The evaporator fans are always ON during defrost cycles

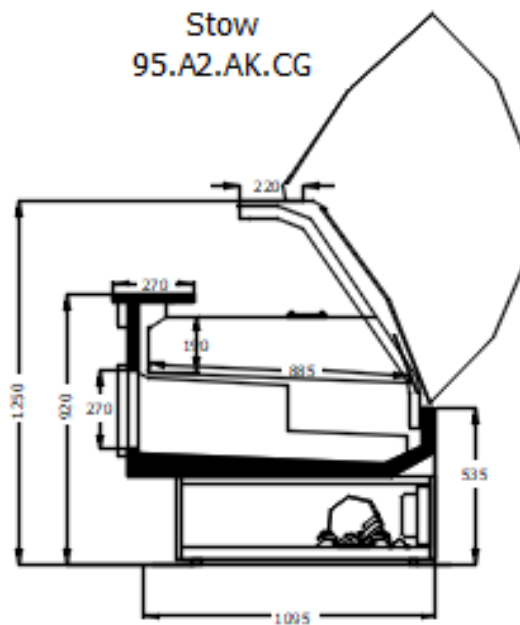
REGULATION SETTING PARAMETERS

ALARM

High temperature alarm	°C	25
Low temperature alarm		-10

SECTIONAL DRAWINGS

WITH BUMPER



Modules			Unit	STOW		
DIMENSIONS						
Length of Module with endwalls			mm	1875		
Thickness of Endwall				40		
Total Display Area (TDA)			m²	4,08		
Display Opening Area				3,17		
Net Volume			liter	1343		
REFRIGERATION DATA						
Refrigeration Load		3M1	Te: -10°C		W	1419
CLIMATE CLASS 3 : 25° C - 60% RH (in compliance with EN ISO 23953)						
Te: Evaporating Temperature						
The refrigerant is R290 as standard						
REFRIGERATION SELECTION DATA						
Condensing Temperature			°C	+35		
Evaporator Superheat			K	10		
Subcooling				4		
TEMPERATURE CLASS						
M1			°C	+5	-1	
ELECTRICAL DATA						
			Supply Voltage	V/Ph/Hz	220Vac / 1Ph / 50Hz	
STANDARD						
CABINET						
Evaporator Fan	Shaded Pole Motor-Fan	W	38			
		n°	2			
		A	0,34			
	Fan Blades (suction)	Ømm / α	154 / 22°			
Anti-Condensing Fans		Antimist Fan	W	N/A		
Heaters	Trim Heater Glass		W	70		
	Defrost Heaters	W	N/A			
		n°	N/A			
		A	N/A			
		INTEGRATED CONDENSING UNIT				
Refrigeration Compressor	Type	-	MBP Hermetic Reciprocating Compressor			
	Power Input	W	631			
		A	2,86			
Heaters	Vaporizing Container Heater	type	M RESIDENCE			
		W	700			
		n°	1			
		A	3,18			
		W	70			
Condenser Fan	Shaded Pole Motor-Fan	n°	2			
		A	0,63			
		W	70			
	Fan Blades (suction)	Ømm / α	254 / 34°			
ELECTRICAL DATA						
OPTIONS & ACCESSORIES						
Evaporator Fan	Energy Saving Motor-Fan (ESM)	W	13			
		n°	2			
		A	0,11			
Condenser Fan	Energy Saving Motor-Fan (ESM)	W	70			
		n°	2			
		A	0,63			



Power input datas of refrigeration compressor are related with the refrigerant R290 as standard. The datas could be changed depending on the alternative refrigerants as options.



Power input datas of refrigeration compressor are related with the refrigerant R290 as standard. The datas could be changed depending on the alternative refrigerants as options.

TECHNICAL DATA SHEET



LIQUID REFRIGERANT INJECTION CONTROL

Expansion Devices	Capillary Tube standard application	-	the size of capillary tube as expansion device is determined depending on the refrigerant R290
-------------------	--	---	--

REGULATION SETTING PARAMETERS

COMPRESSOR

Compressor Cut-out Temperature	3M1	°C	3
Compressor Cut-in Temperature			5

ts: supply air temperature (air off from evaporator; delivery)

REGULATION SETTING PARAMETERS

DEFROST "common"

Defrost Method	-	Electric
Interval between Defrost Starts	hour	4 (6 times a day)
Defrost Endurance Time (maximum defrost duration)	minute	45
Defrost Termination (stop) Temperature	°C	8
Drip Off Time	minute	2
Defrost Sensor	-	Evaporator Coil Sensor

ELECTRIC DEFROST: The refrigerant supply to the evaporator is cut-off (OFF) during electric defrost period and the defrost elements are ON

REGULATION SETTING PARAMETERS

EVAPORATOR FANS

Fan Cut-in During Defrost	-	YES (ON)
Fan Delay Time after Defrost	minute	2

The evaporator fans are always ON during defrost cycles

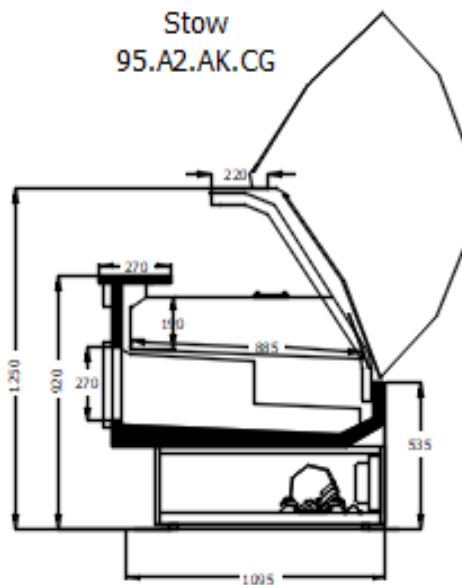
REGULATION SETTING PARAMETERS

ALARM

High temperature alarm	°C	25
Low temperature alarm		-10

SECTIONAL DRAWINGS

WITH BUMPER



Modules		Unit	STOW	
DIMENSIONS				
Length of Module with endwalls		mm	2500	
Thickness of Endwall			40	
Total Display Area (TDA)		m²	5,44	
Display Opening Area			4,23	
Net Volume		liter	1790	
REFRIGERATION DATA				
Refrigeration Load	3M1	Te: -10°C	W	1702
CLIMATE CLASS 3 : 25° C - 60% RH (in compliance with EN ISO 23953)				
Te: Evaporating Temperature				
The refrigerant is R290 as standard				
REFRIGERATION SELECTION DATA				
Condensing Temperature		°C	+35	
Evaporator Superheat		K	10	
Subcooling			4	
TEMPERATURE CLASS				
M1		°C	+5	-1
ELECTRICAL DATA			STANDARD	
Supply Voltage		V/Ph/Hz	220Vac / 1Ph / 50Hz	
CABINET				
Evaporator Fan	Shaded Pole Motor-Fan	W	38	
		n°	3	
		A	0,51	
	Fan Blades (suction)	Ømm / α	154 / 22°	
Anti-CondensingFans	Antimist Fan	W	N/A	
Heaters	Trim Heater Glass	W	100	
	Defrost Heaters	W	N/A	
		n°	N/A	
		A	N/A	
INTEGRATED CONDENSING UNIT				
Refrigeration Compressor	Type	-	MBP Hermetic Reciprocating Compressor	
	Power Input	W	737	
		A	3,35	
Heaters	Vaporizing Container Heater	type	M RESIDENCE	
		W	700	
		n°	1	
		A	3,18	
		W	70	
Condenser Fan	Shaded Pole Motor-Fan	n°	2	
		A	0,63	
		W	70	
	Fan Blades (suction)	Ømm / α	254 / 34°	
ELECTRICAL DATA			OPTIONS & ACCESSORIES	
Evaporator Fan	Energy Saving Motor-Fan (ESM)	W	13	
		n°	3	
		A	0,17	
Condenser Fan	Energy Saving Motor-Fan (ESM)	W	70	
		n°	2	
		A	0,63	



Power input datas of refrigeration compressor are related with the refrigerant R290 as standard. The datas could be changed depending on the alternative refrigerants as options.



Power input datas of refrigeration compressor are related with the refrigerant R290 as standard. The datas could be changed depending on the alternative refrigerants as options.

TECHNICAL DATA SHEET

LIQUID REFRIGERANT INJECTION CONTROL

Expansion Devices	Capillary Tube standard application	-	the size of capillary tube as expansion device is determined depending on the refrigerant R290
-------------------	--	---	--

REGULATION SETTING PARAMETERS

COMPRESSOR

Compressor Cut-out Temperature	3M1	°C	3
Compressor Cut-in Temperature			5

ts: supply air temperature (air off from evaporator; delivery)

REGULATION SETTING PARAMETERS

DEFROST "common"

Defrost Method	-	Electric
Interval between Defrost Starts	hour	4 (6 times a day)
Defrost Endurance Time (maximum defrost duration)	minute	45
Defrost Termination (stop) Temperature	°C	8
Drip Off Time	minute	2
Defrost Sensor	-	Evaporator Coil Sensor

ELECTRIC DEFROST: The refrigerant supply to the evaporator is cut-off (OFF) during electric defrost period and the defrost elements are ON

REGULATION SETTING PARAMETERS

EVAPORATOR FANS

Fan Cut-in During Defrost	-	YES (ON)
Fan Delay Time after Defrost	minute	2

The evaporator fans are always ON during defrost cycles

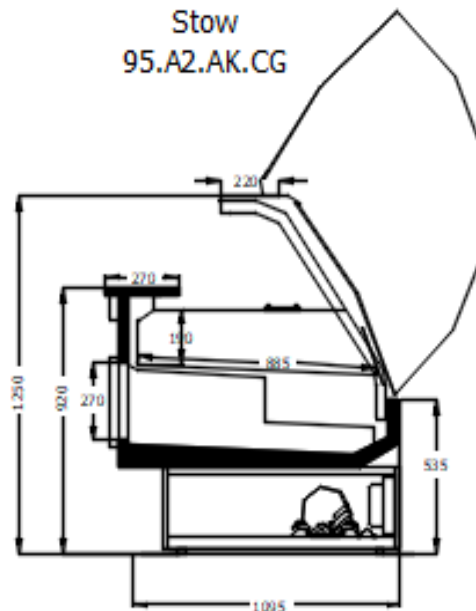
REGULATION SETTING PARAMETERS

ALARM

High temperature alarm	°C	25
Low temperature alarm		-10

SECTIONAL DRAWINGS

WITH BUMPER



Modules			Unit	STOW	
DIMENSIONS					
Length of Module with endwalls		mm	3750		
Thickness of Endwall			40		
Total Display Area (TDA)		m²	8,16		
Display Opening Area			6,34		
Net Volume		liter	2787		
REFRIGERATION DATA					
Refrigeration Load	3M1	Te: -10°C	W	2553	
CLIMATE CLASS 3 : 25° C - 60% RH (in compliance with EN ISO 23953)					
Te: Evaporating Temperature					
The refrigerant is R290 as standard					
REFRIGERATION SELECTION DATA					
Condensing Temperature		°C	+35		
Evaporator Superheat		K	10		
Subcooling			4		
TEMPERATURE CLASS					
M1		°C	+5		-1
ELECTRICAL DATA			STANDARD		
Supply Voltage		V/Ph/Hz	220Vac / 1Ph / 50Hz		
CABINET					
Evaporator Fan	Shaded Pole Motor-Fan	W	38		
		n°	4		
		A	0,69		
	Fan Blades (suction)	Ømm / α	154 / 22°		
Anti-Condensing Fans	Antimist Fan	W	N/A		
Heaters	Trim Heater Glass	W	150		
	Defrost Heaters	W	N/A		
		n°	N/A		
		A	N/A		
INTEGRATED CONDENSING UNIT					
Refrigeration Compressor	Type	-	MBP Hermetic Reciprocating Compressor		
	Power Input	W	1233		
		A	5,60		
Heaters	Vaporizing Container Heater	type	M RESIDENCE		
		W	700		
		n°	1		
		A	3,18		
		W	70		
Condenser Fan	Shaded Pole Motor-Fan	n°	3		
		A	0,95		
		W	70		
	Fan Blades (suction)	Ømm / α	254 / 34°		
ELECTRICAL DATA			OPTIONS & ACCESSORIES		
Evaporator Fan	Energy Saving Motor-Fan (ESM)	W	13		
		n°	4		
		A	0,23		
Condenser Fan	Energy Saving Motor-Fan (ESM)	W	70		
		n°	3		
		A	0,95		



Power input datas of refrigeration compressor are related with the refrigerant R290 as standard. The datas could be changed depending on the alternative refrigerants as options.



Power input datas of refrigeration compressor are related with the refrigerant R290 as standard. The datas could be changed depending on the alternative refrigerants as options.

TECHNICAL DATA SHEET



LIQUID REFRIGERANT INJECTION CONTROL

Expansion Devices

Capillary Tube
standard application

-

the size of capillary tube as expansion device is determined depending on the refrigerant R290

REGULATION SETTING PARAMETERS

COMPRESSOR

Compressor Cut-out Temperature

3M1

°C

3

Compressor Cut-in Temperature

5

ts: supply air temperature (air off from evaporator; delivery)

REGULATION SETTING PARAMETERS

DEFROST "common"

Defrost Method

-

Electric

Interval between Defrost Starts

hour

4 (6 times a day)

Defrost Endurance Time (maximum defrost duration)

minute

45

Defrost Termination (stop) Temperature

°C

8

Drip Off Time

minute

2

Defrost Sensor

-

Evaporator Coil Sensor

ELECTRIC DEFROST: The refrigerant supply to the evaporator is cut-off (OFF) during electric defrost period and the defrost elements are ON

REGULATION SETTING PARAMETERS

EVAPORATOR FANS

Fan Cut-in During Defrost

-

YES (ON)

Fan Delay Time after Defrost

minute

2

The evaporator fans are always ON during defrost cycles

REGULATION SETTING PARAMETERS

ALARM

High temperature alarm

°C

25

Low temperature alarm

-10

SECTIONAL DRAWINGS

WITH BUMPER

