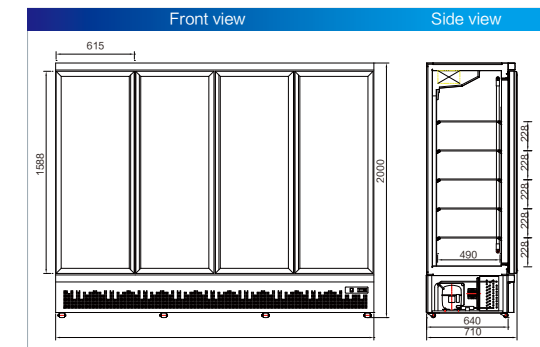




Standard configuration

- * Anti-fog LOW-E tempered glass with heater
- * 2 layer tempered glass door with electrical heating wire
- * Pure aluminum with electrical heating wire
- * Fan cooling
- * Colored powder-coated steel plate
- * Auto defrost
- * Automatic evaporation
- * Steel wire tube fin(R290)Evaporator
- * Copper tube fin Condenser
- * Fan motor : EBM
- * Digital controller
- * Secop compressor
- * Remove castor wheel
- * Refrigerant: R290/R134A



BENEFITS AT A GLANCE



Pure aluminum framework

Heavy-duty pure aluminum door frame bring optimal insulating properties



Powerful evaporator fan motor

Enough cooling volume increase cooling efficiency. Perfect solution for different customer turnover.



Tight sealing door

Tight sealing door brings excellent thermal insulation.



Intelligent digital temperature controller

Precise control of defrosting and refrigeration system operation, avoid ice blockage in the freezer.



Door frame heater design

Door frame heater design prevents condensation forming on the glass



LED lighting

Help you reduce energy consumption



Strong door mounting fixtures

Strong door mounting fixtures, together with pure aluminum frame provide stability



Different glass door style&handle

Different glass door styles optional, welcome to OEM



Automatic rebound door

Automatic rebound door design help you reduce energy consumption

AGR-BA	Unit	500	1000	1600	2200
Width	mm	627	1253	1880	2500
Deep	mm	710	710	710	710
Height	mm	2000	2000	2000	2000
Input Power	W	475	780	1250	1650
Compressor Power	W	315	385	495	590
Starting current	Amp	7.15	8.75	11.25	13.4
Effective Volume	L	500	1000	1600	2200
Consumption	KW*h/24h	7.5	8.6	15	20
Door amount	-	1	2	3	4
Net weight	KG	105	180	275	370
Loading Qty	PCS/40'HQ	54	27	18	12

Energy label*	G		E		E	
Temperature class M2 / Storage temp. 0/+2 °C	G		E		E	
Application	Fruit	Vegetable	Prepacked cold cuts	Prepacked fish	Prepacked Fruit	Prepacked Vegetable
	Dairy products	Beverages	Prepacked cheese	Prepacked meat	Prepacked minced meat	

* Label might change depending on configuration



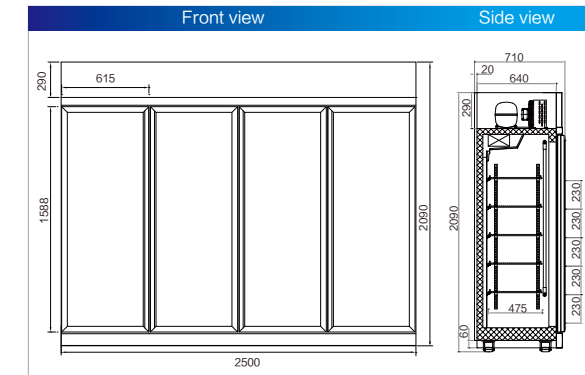
Without canopy

Standard configuration

- * Anti-fog LOW-E tempered glass with heater
- * Top plate can chose LED canopy
- * 2 layer tempered glass door with electrical heating wire
- * Pure aluminum with electrical heating wire
- * Fan cooling
- * Colored powder-coated steel plate
- * Auto defrost
- * Automatic evaporation
- * Steel wire tube fin(R290)Evaporator
- * Copper tube fin Condenser
- * Fan motor : EBM
- * Digital controller
- * Secop compressor
- * Remove castor wheel
- * Refrigerant: R290/R134A



With LED Acrylic canopy



AGR-TA	Unit	500	1000	1600	2200							
Width	mm	627	1253	1880	2500							
Deep	mm	710	710	710	710							
Height	mm	2090	2090	2090	2090							
Input Power	W	475	780	1250	1650							
Compressor Power	W	315	385	495	590							
Starting current	Amp	7.15	8.75	11.25	13.4							
Effective Volume	L	500	1000	1600	2200							
Consumption	KW*h/24h	7.5	8.6	15	20							
Door amount	-	1	2	3	4							
Net weight	KG	105	180	275	370							
Loading Qty	PCS/40'HQ	54	27	18	12							
Energy label*												
Temperature class M2 / Storage temp. 0/+2 °C												
Application												

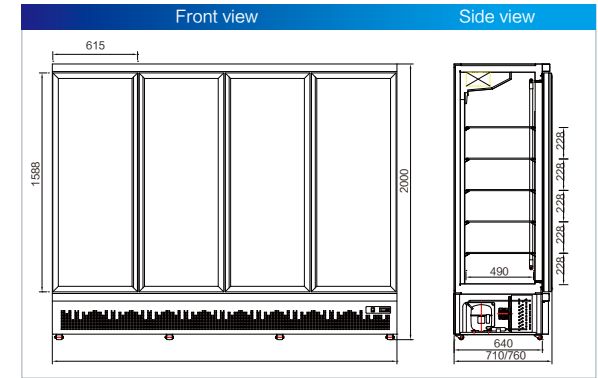
* Label might change depending on configuration





Standard configuration

- * Anti-fog LOW-E tempered glass with heater
- * 3 layer tempered glass door with electrical heating wire
- * Pure aluminum with electrical heating wire
- * Fan cooling
- * Colored powder-coated steel plate
- * Auto defrost
- * Automatic evaporation
- * Steel wire tube fin(R290)Evaporator
- * Copper tube fin Condenser
- * Fan motor : EBM
- * Digital controller
- * Secop compressor
- * Remove castor wheel
- * Refrigerant: R290/R134A



BENEFITS AT A GLANCE



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Heavy-duty pure aluminum door frame bring optimal insulating properties



Powerful evaporator fan motor

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Intelligent digital temperature controller

Precise control of defrosting and refrigeration system operation, avoid ice blockage in the freezer.



Door frame heater design

Door frame heater design prevents condensation forming on the glass



LED lighting

Help you reduce energy consumption



Strong door mounting fixtures

Strong door mounting fixtures, together with pure aluminum frame provide stability



Different glass door style&handle

Different glass door styles optional, welcome to OEM



Automatic rebound door

Automatic rebound door design help you reduce energy consumption

AGF-BA	Unit	480	980	1550	2100
Width	mm	627	1253	1880	2500
Deep	mm	710/760	710/760	710/760	710/760
Height	mm	2000	2000	2000	2000
Input Power	W	750	1380	1820	3200
Compressor Power	W	495	990	1180	1900
Starting current	Amp	11.25	11.25	13.4	21.5
Effective Volume	L	480	980	1550	2100
Consumption	KW*h/24h	10.8	28	36	46
Door amount	-	1	2	3	4
Net weight	KG	120	220	325	430
Loading Qty	PCS/40'HQ	54	27	18	12

Energy label*					
Temperature class L1 / Storage temp. -18/-25 °C					

Application					
		Prepacked frozen products	Prepacked ice cream		

* Label might change depending on configuration



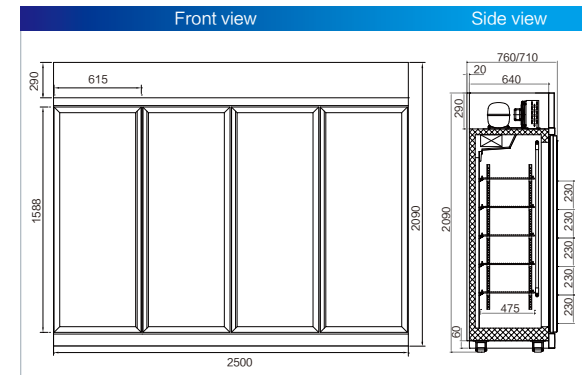
Without canopy



Standard configuration

- * Anti-fog LOW-E tempered glass with heater
- * Top plate can chose LED canopy
- * 3 layer tempered glass door with electrical heating wire
- * Pure aluminum with electrical heating wire
- * Fan cooling
- * Colored powder-coated steel plate
- * Auto defrost
- * Automatic evaporation
- * Steel wire tube fin(R290)Evaporator
- * Copper tube fin Condenser
- * Fan motor : EBM
- * Digital controller
- * Secop compressor
- * Remove castor wheel
- * Refrigerant: R290/R134A

With LED Acrylic canopy



AGF-TA	Unit	480	980	1550	2100
Width	mm	627	1253	1880	2500
Deep	mm	710/760	710/760	710/760	710/760
Height	mm	2090	2090	2090	2090
Input Power	W	750	1380	1820	3200
Compressor Power	W	495	990	1180	1900
Starting current	Amp	11.25	11.25	13.4	21.5
Effective Volume	L	480	980	1550	2100
Consumption	KW*h/24h	10.8	28	36	46
Door amount	-	1	2	3	4
Net weight	KG	120	220	325	430
Loading Qty	PCS/40'HQ	54	27	18	12
Energy label*					
Temperature class L1 / Storage temp.-18/-25 °C					
Application					

* Label might change depending on configuration





TYPE CODE

A - IF - N - E/S - A

Name of product line: Island Freezer
 Cabinet width(mm): 1850 / 1450-2100-2500
 Cabinet layout: End case / Side case
 A series
 Refrigerant: R290 / R404A
 Ambient condition: 26°C / 65% RH
 Cooling System: Static Cool
 Defrost: Hot Gas Defrost
 Foaming agent thickness: 70mm
 Power supply: 110V-240V 50Hz / 60Hz
 Operating temperature: -18 to -25 °C



AIF-185E-A		AIF-210S-A		AIF-250S-A	
Front view	Side view	Front view	Side view	Front view	Side view

		END CASE	SIDE CASE	SIDE CASE	SIDE CASE
AIF	Unit	185E-A	140S-A	210S-A	250S-A
Width	mm	1850	1400	2100	2500
Deep	mm	850	850	850	850
Height	mm	750	835	835	835
Refrigerant	-	R290	R290	R290	R290
Input Power	W	720	680	750	880
Effective Volume	L	600	470	800	1100
Consumption	KW*h/24h	7.0	5.49	11.0	12.2
Foaming thickness	mm	70	70	70	70
Glass lid	-	Curved Low-E tempered glass			
Interior material	-	Embossed aluminum sheet			
Exterior material	-	Prepainted aluminum plate			
Defrost type	-	Auto defrost			
Water away	-	Automatic evaporation			
Evaporator	-	Aluminum tube winding			
Condenser	-	Copper tube fin			
Fan motor	-	EBM			
Compressor	-	Secop			
Digital controller	-	Carel			
Feet style	-	Castor/Bullet feet			
Net weight	KG	132	108	146	172
Loading Qty	Unit/40'HQ	36	44	36	24
Energy label*					
Temperature class L1 / Storage temp. -18/-22°C					
Application					



* Label might change depending on configuration



Standard configuration

- * Up-down sliding door
- * LED lighting
- * Secop compressor and natural R290 refrigerant
- * Curved Low-E tempered glass
- * Solenoid valve automatic hot gas defrost
- * Fan motor : EBM
- * Microcomputer temperature controller
- * Exterior material :colored powder-coated steel plate
- * Interior material : Embossed aluminum sheet
- * The cabinet frame : ABS food grade plastic



BENEFITS AT A GLANCE



Europe famous brand compressor

- Best cooling efficiency with European famous brand compressor.
- Low noise operation and low heat dissipation



Sliding tempered Low-E glass lid design

High-duty tempered LOW-E glass, safe and reliable, excellent thermal insulation effect.



Plug in design

Not any additional cost for installation. Meanwhile save about 60% energy than traditional remote island style freezer.



Flexible footprint layout

Multiple combination methods greatly improve the utilization rate of the store area, making it easy for stores to make adjustments quickly.



Adjustable display basket amount

Grid divider inside the refrigerator can be adjusted flexibly



Top loading shelves

Top loading shelves design bring more clear merchandises display, increase sales opportunities.

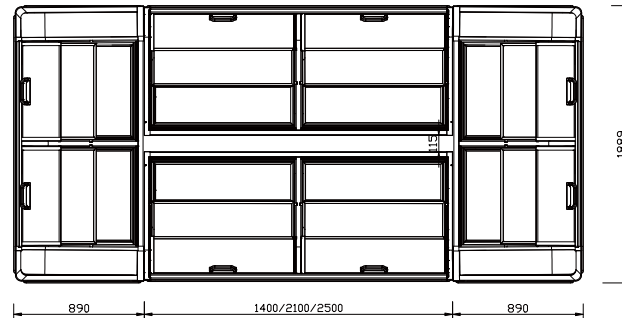


TYPE CODE

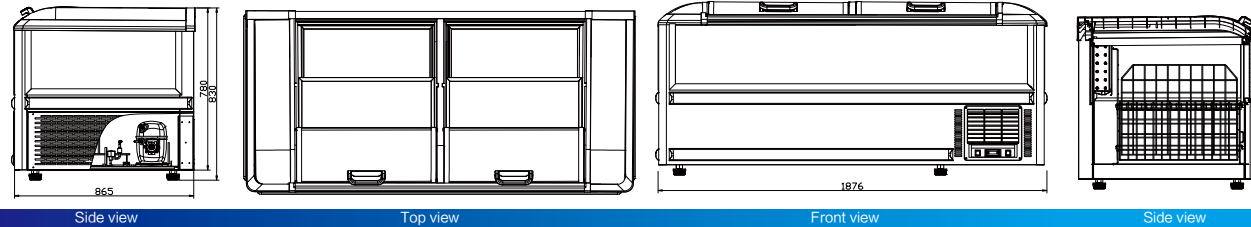
A · **IF** · **N** · **E/S** · **B**

Name of product line: Island Freezer
 Cabinet width(mm): 1865 / 1450-2100-2500
 Cabinet layout: End case / Side case
 B series

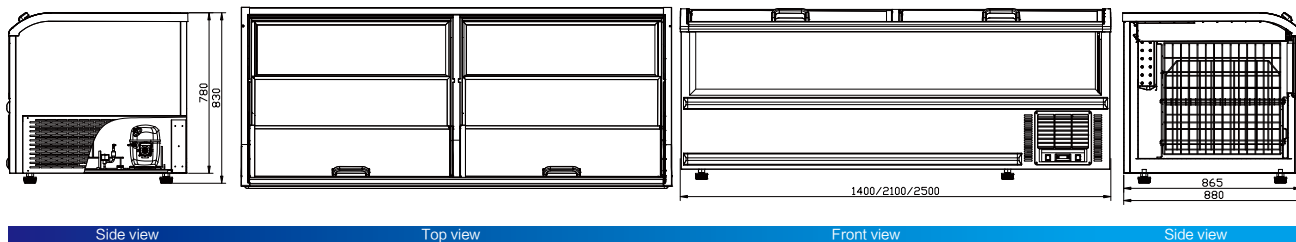
Refrigerant: R290 / R404A
 Ambient condition: 26°C / 65% RH
 Cooling System: Static Cool
 Defrost: Hot Gas Defrost
 Foaming agent thickness: 70mm
 Power supply: 110V-240V 50Hz / 60Hz
 Operating temperature: -18 to -22 °C












AIF-185E-B END CASE



AIF-140/210/250-B SIZE CASE



					
		END CASE	SIDE CASE	SIDE CASE	SIDE CASE
AIF	Unit	186E-B	140S-B	210S-B	250S-B
Width	mm	1865	1400	2100	2500
Deep	mm	870	870	870	870
Height	mm	835	835	835	835
Refrigerant	-	R290	R290	R290	R290
Input Power	W	720	680	750	880
Effective Volume	L	700	600	1000	1150
Consumption	KW*h/24h	7.0	5.49	11.0	12.2
Foaming thickness	mm	70	70	70	70
Glass lid	-	Curved Low-E tempered glass			
Interior material	-	Embossed aluminum sheet			
Exterior material	-	Prepainted aluminum plate			
Defrost type	-	Auto defrost			
Water away	-	Automatic evaporation			
Evaporator	-	Aluminum tube winding			
Condenser	-	Copper tube fin			
Fan motor	-	EBM			
Compressor	-	Secop			
Digital controller	-	Carel			
Feet style	-	Castor/Bullet feet			
Net weight	KG	156	105	170	210
Loading Qty	Unit/40'HQ	36	44	36	24
Energy label*					
Temperature class L1 / Storage temp. -18/-22°C					
Application		 Prepacked frozen products			

* Label might change depending on configuration



BENEFITS AT A GLANCE



Europe famous brand compressor

- Best cooling efficiency with European famous brand compressor.
- Low noise operation and low heat dissipation



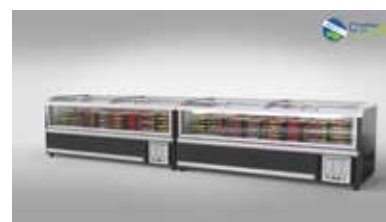
4 layers Sliding tempered Low-E glass lid design

Wrap-around glass design, greatly enhancing the products display area



Plug in design

Not any additional cost for installation. Meanwhile save about 60% energy than traditional remote island style freezer.



Flexible footprint layout

Multiple combination methods greatly improve the utilization rate of the store area, making it easy for stores to make adjustments quickly.



Adjustable display basket amount

Grid divider inside the refrigerator can be adjusted flexibly



Top loading shelves

Top loading shelves design bring more clear merchandises display, increase sales opportunities.



Nice performance in different climate

Multiple combination methods greatly improve the utilization rate of the store area, making it easy for stores to make adjustments quickly.



Sliding glass lid design

Up-down sliding glass lid design, strongly improve the convenience of merchandise sales and bring a perfect experience for customers to obtain goods in the freezer.



Tempered LOW-E glass lid

High-duty tempered LOW-E glass, safe and reliable, excellent thermal insulation effect.

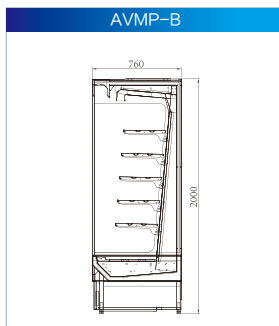


AVMP-B	915	1220	1830	2440
Width(mm)	915	1220	1830	2440
Depth(mm)	720/760	720/760	720/760	720/760
Height(mm)	2000	2000	2000	2000
Evaporator temp.	-10°C	-10°C	-10°C	-10°C
Working temp.	2~8°C	2~8°C	2~8°C	2~8°C
Lab Cooling load	1380W	1830W	2820W	3750W
Working current(cabinet)	0.8A	1.0A	1.6A	2.3A
Compressor input power	1500W	1500W	2250W	2250W
Fan motor input power	2*31W	2*31W	4*31W	5*31W
Light power	8*8W	8*12W	16*8W	16*12W
Anti-sweater heater power	3*20W	3*24W	3*36W	3*50W
End wall thickness	25mm/pc			
Energy label*				
Temperature class M2 / Storage temp. 0/+2 °C				
Application	Fruit Vegetable Prepacked cold cuts Prepacked fish Prepacked Fruit Prepacked Vegetable Dairy products Beverages Prepacked cheese Prepacked meat Prepacked minced meat			

Optional Feature	
End Wall Style:glass(Anti-mist) / glass(Tempered) / solid / mirror / middle	SS plate / plastic bottom front bumper protection
LED cabinet lighting Color	Interior in stainless steel
RAL color options	Acrylic Light Box for option
Manual night blind(standard)	Dummy basket defence
Shelf layers amount	Tailored Shelves display options



* Label might change depending on configuration





Standard configuration

- * Anti-fog LOW-E tempered glass with heater
- * 2 layer tempered glass door with electrical heating wire
- * Pure aluminum with electrical heating wire
- * Fan cooling
- * Colored powder-coated steel plate
- * Auto defrost
- * Automatic evaporation
- * Steel wire tube fin(R290)Evaporator
- * Copper tube fin Condenser
- * Fan motor : EBM
- * Digital controller
- * Remote system for optional
- * Remove castor wheel
- * Refrigerant: R134A



AGR-RA	Unit	N (Glass door amount)
Width	mm	725*N (N=Glass door amount)
Deep	mm	750
Height	mm	2100
Refrigerant	-	R134A/R22
Door amount	-	Anti-fog with LOW-E tempered glass
De-fogging type	-	Auto matic
Glass door	-	2 layer tempered glass door with electrical heating wire
Glass door frame	-	Pure aluminum with electrical heating wire
Exterior&Interior	-	Colored powder-coated steel plate
Defrost type	-	Auto defrost
Water dryer	-	External water pipe
Evaporator	-	Copper tube fin
Thermostat	-	Digital controller
Compressor	-	Copeland / Sanyo / Bitzer
Shelves style	-	Grid/Solid
Door open type	-	Hinge door / Swing door / Sliding door
Application	<div style="display: flex; flex-wrap: wrap; justify-content: space-around; text-align: center;"> <div style="margin: 5px;"> Fruit</div> <div style="margin: 5px;"> Vegetable</div> <div style="margin: 5px;"> Prepacked cold cuts</div> <div style="margin: 5px;"> Prepacked fish</div> <div style="margin: 5px;"> Prepacked Fruit</div> <div style="margin: 5px;"> Prepacked Vegetable</div> <div style="margin: 5px;"> Dairy products</div> <div style="margin: 5px;"> Beverages</div> <div style="margin: 5px;"> Prepacked cheese</div> <div style="margin: 5px;"> Prepacked meat</div> <div style="margin: 5px;"> Prepacked minced meat</div> </div>	

* Label might change depending on configuration



Standard configuration

- * Anti-fog LOW-E tempered glass with heater
- * 3 layer tempered glass door with electrical heating wire
- * Pure aluminum with electrical heating wire
- * Fan cooling
- * Colored powder-coated steel plate
- * Auto defrost
- * Automatic evaporation
- * Steel wire tube fin(R290)Evaporator
- * Copper tube fin Condenser
- * Fan motor : EBM
- * Digital controller
- * Remote system for optional
- * Remove castor wheel
- * Refrigerant: R404a



AGF-RA	Unit	N (Glass door amount)
Width	mm	730*N (N=Glass door amount)
Deep	mm	760
Height	mm	2100
Refrigerant	-	R404A/R22
Door amount	-	Anti-fog with LOW-E tempered glass
De-fogging type	-	Auto matic
Glass door	-	3 layer tempered glass door with electrical heating wire
Glass door frame	-	Pure aluminum with electrical heating wire
Exterior&Interior	-	Colored powder-coated steel plate
Defrost type	-	Auto defrost
Water dryer	-	External water pipe
Evaporator	-	Copper tube fin
Thermostat	-	Digital controller
Compressor	-	Copeland / Sanyo / Bitzer
Shelves style	-	Grid/Solid
Door open type	-	Hinge door / Swing door / Sliding door

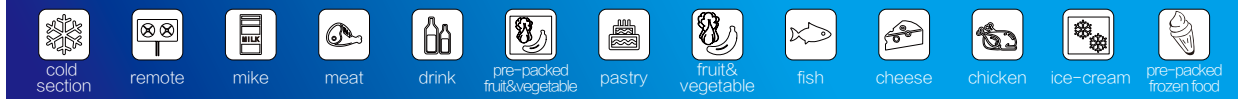
Application



Prepacked frozen products

* Label might change depending on configuration

WALK-IN SHOWCASE COLD ROOM



TYPE CODE

A · CR / FR · N

Name of product line: Chiller room / Freezer room
 Amount of door: N
 Refrigerant: R404a
 Ambient condition: 26°C / 65% RH
 Refrigeration type: Fan Cooling
 Power supply: 220V - 380V / 50Hz-60Hz
 Operating temperature: 2 to +10°C / -18 to -22°C



ACR/AFR	Unit	N
Width	mm	705*N+200 (N=Glass door amount)
Deep	mm	1800~2500
Height	mm	2200~3000
Panel thickness	mm	75/100/120/150
Door amount	-	N
De-fogging type	-	Anti-fog with LOW-E tempered glass
Glass door	2 to +10° C	2 layer tempered glass door with electrical heating wire
Glass door	-18 to -22° C	3 layer tempered glass door with electrical heating wire
Glass door frame	-	Pure aluminum with electrical heating wire
Exterior&Interior	-	Colored powder-coated steel plate
Defrost type	-	Auto defrost
Water dryer	-	External water pipe
Evaporator	-	Copper tube fin
Thermostat	-	Digital controller
Compressor	-	Copeland / Sanyo / Bitzer
Shelves style	-	Grid/Solid
Door open type	-	Hinge door / Swing door / Sliding door



WALK IN COLD ROOM DETAILS PROFILES

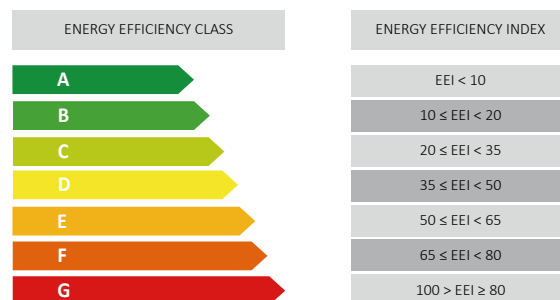


The EcoDesign regulation

The implementation of the EcoDesign directive for “refrigerated display cabinets with a direct sales function” was adopted by the European Union Commission in October 2019. The application date for the requirements is the 1st of March 2021. The directive applies to newly produced refrigerated cabinets only – the systems, racks and condensing units are covered by other regulations. The compliance is declared by the manufacturer with the declaration of conformity and with providing technical data to a European database called EPREL and the CE-mark. A verification procedure will be applied by the member states.

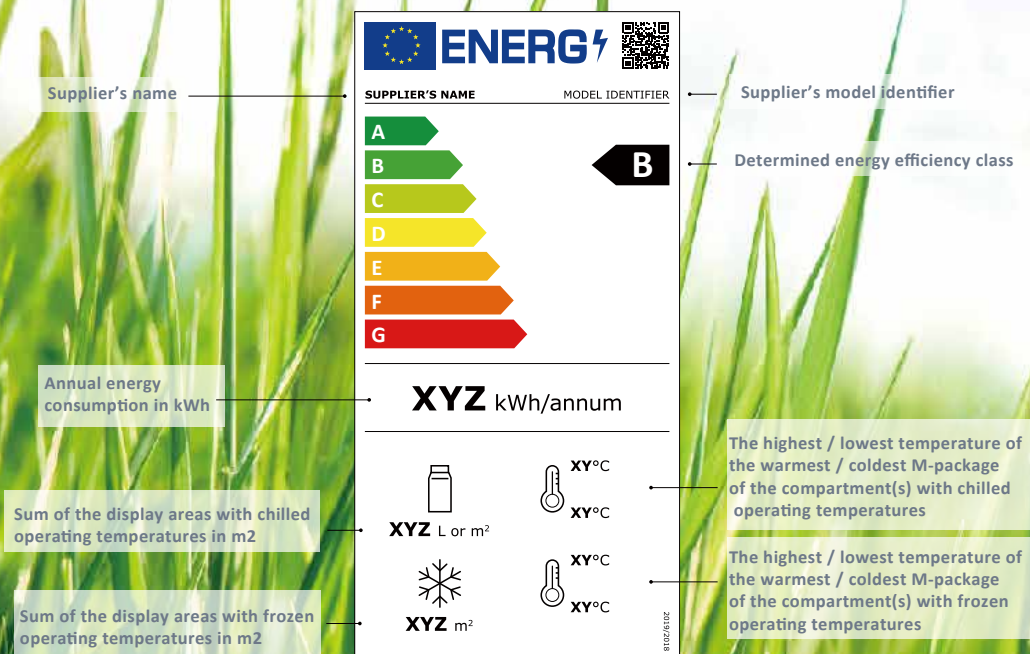
Energy Labelling

The objective of Energy Labelling is to give clear, easy-to-understand label information on the product energy efficiency, and classify products according to their level of efficiency (from G to A), with an overall effect of pulling the market towards more energy efficient products. Products marketed prior to March 2021 are not affected



The Label

Each new refrigerating appliance will be supplied with a printed label gathering energy related information:



Plug-in & remote cabinets in comparison

We can split the refrigerated display cabinets into two types. Remote cabinets have a common central condensing system which supplies several units with the refrigerant. The cabinets have a fixed location and are connected with pipes and wires to the central compressor rack and controller unit. Plug-in cabinets work like a household fridge and have the compressor, condenser and controller unit built into the cabinet itself; they only need a power supply. Both systems come with several advantages and trade-offs.

Plug-in system

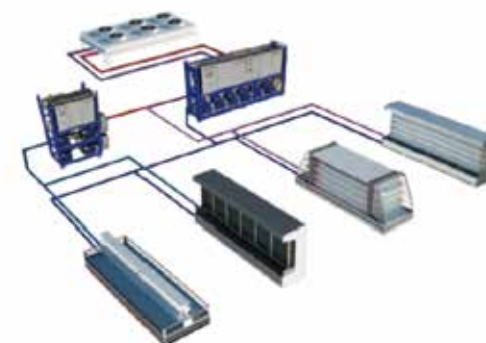
- Advantages:**
- No piping / installation needed
 - No machinery room
 - Very flexible layout changes
- Trade-offs:**
- Head rejection in store (bigger air condition needed)
 - Less space inside the cabinet
 - Regular cleaning of condenser
 - Higher energy consumption

Remote system

- Advantages:**
- Lower system energy consumption
 - Low-noise
 - Large usable volume for products
 - Wide range of multiplexing options
 - Open Cabinet de-humidify store climate
- Trade-offs:**
- Installation needed
 - Fixed installation, not flexible



Plug-in cabinet with characteristic machine compartment, which includes compressor, drip water evaporation and condenser.



Remote cabinets connected to the central rack with the gas cooler

