

POLAR PLUS FB



PLUG-IN MULTIDECK CASE

POLAR PLUS FB



High Efficiency
Energy Saving



Standard Power
Reliable operation



Temperature Range
0 ~ 8°C



Smart Control
Digital controller ECS-16



Climate Type
25°C, 60%RH



More Capacity
586 L – 2134 L



Energy Efficient
R290 refrigerant



Tropical Ready
High Temp & Humidity



**TEMPERATURE
RANGE**

0 ~ 8°C

**WIDTH
(mm)**

750 – 2500

**HEIGHT
(mm)**

2050

**DEPTH
(mm)**

720

CAPACITY

586 – 2134 L

**ELECTRIC
CURRENT**

10 – 16 A

POWER

1170 – 2300 W

REFRIGERANT

R290



Polar Plus FB		
New Model	Polar Plus FB 2D L 5 LT 13 A 2 P	Polar Plus FB 3D L 5 LT 19 A 2 P
Temperature range (°C)	-18°C ~-22 (25°C 60%RH)	
External dimensions(mm)	1340*750*2100	1990*750*2100
Effective Volume(L)	826	1265
Display area(m2)	1,5	2,3
Net weight(Kg)	230	380
Cabinet/Color	Foamed cabinet / Optional	
External Cabinet material	Galvanized sheet spraying	
Internal Liner material	Galvanized sheet spraying	
Front height(mm)	408mm	
Shelf	5 levels shelves	
Shelf Qty	5*2	5*3
End panel	Foam End Panel 50mm	
Foot	Height can be adjusted	
Glass door	Triple glass,Aluminum frame with electric heat	
Door Type	Hinge Door	
Doors	2	3
Packing size(mm)	1510*900*2430	2160*900*2430
Gross weight(Kg)	260	420
Compressor	SC18CNLX.2*2 pc	SC21CNLX.2*2pc
Refrigerant	R290	
Voltage/Frequency	220V/60Hz	
Refrigerant volume(g)		145g*2
Evaporators	Copper Tube with aluminum fins	
Condenser	Copper Tube with aluminum fins	
Throttle modes	Capillary	
Temperature control	COPELAND/Dixell Digital Temperature Controller	
Defrost	Defrost heater	
Compressor (W)	450W*2	580W*2
Condenser Fan (W)	Yongrong 40W/10W*2	Yongrong 40W/10W*3
Evaporating fan	Yongrong 35W/12W*1	Yongrong 35W/12W*2
LED Lamp	LED 20W*4	LED 20W*6
Anti Sweat wire heater (W)	30W*1+122W*2	30W*2+122W*2
Glass door	186W*2	186W*3
Input Power(W)	1690W	2340W
Drainage PTC heater(Optional)	500W	500W
Defrost heater(W)	1550W	2250W

NOMENCLATURE

POLAR PLUS FB							
2D	L	4	MT	12	A	2	R
DOORS	DEPTH (mm)	SHELVES	CATEGORY	LENGTH (mm)	HEIGHT (mm)	REFRIGERANT	MODULE
2D 3D 4D	E = 650 L = 750	2 3 4 5 6	LT MT	12 = 1220 13 = 1340 18 = 1825 19 = 1990 24 = 2425	A = 1930 L = 2100	1 = R290 2 = R404	P = Plug in



Polar Plus FB

New Model	Polar Plus FB 2D E 5 MT 12 A 2 P	Polar Plus FB 3D E 5 MT 18 A 2 P	Polar Plus FB 4D E 5 MT 24 A 2 P
Temperature range (°C)	0~10 (25°C 60%RH)		
External dimensions(mm)	1220*650*1930	1825*650*1930	2425*650*1930
Effective Volume(L)	760	1170	1430
Display area(M2)	1,75	2,62	3,5
Net weight(kg)	190	240	290
Cabinet /color	Foamed cabinet / Optional		
External Cabinet material	Galvanized steel with powder coating		
Inner Cabinet material	Galvanized steel with powder coating		
Front end height(mm)	472mm		
Shelf	Five levels of adjustable wire shelves(No lighting)		
Shelf standard	5*2	5*3	5*4
End panel	50mm		
Foot	Height adjustable		
Glass door	Aluminum glass door and frame,Double tempered glass with film(heater),automatic closure		
Door Type	Front open swing door		
Doors	2	3	4
Inter Dimension(mm)	1120*350*1360	1730*350*1360	
Packing size (mm)	1380*790*2130	1980*790*2130	2580*790*2130
Loading qty(20'/40' container)	12/27	9/18	6/12
Gross weight(kg)	220	280	
Compressor	Inverter Embraco compressor		
Refrigerant	R290		
Evaporators	Copper Tube with aluminum fins		
Condenser	Copper Tube with aluminum fins		
Throttle	Capillary Tube		
Temperature controller	DIXELL Digital Temperature Controller XR02CX		
Defrost	Off-Cycle defrost		
Compressor rate(W)	500	700	900
Condenser Fan (W)	60	60	90
Evaporating fan	30W*2	30W*3	30W*4
Lighting(Vertical frame)	LED 18W*2	18W*4	18W*6
Anti Sweat heater (W)			
Input Power (W)	795	1230	1590
Defrost (W)	N/A		

Polar Plus FB

New Model	Polar Plus FB 2D E 5 LT 12 A 2 P	Polar Plus FB 3D E 5 LT 18 A 2 P	Polar Plus FB 4D E 5 LT 24 A 2 P
Temperature range (°C)	≤-18°C (25°C, 60%RH)		
External dimensions(mm)	1220*650*1930	1825*650*1930	2425*650*1930
Effective Volume(L)	760	1170	1430
Display area(M2)	1,75	2,62	3,5
Net weight(kg)	220	280	345
Cabinet /color	Foamed cabinet / Optional		
External Cabinet material	Galvanized steel with powder coating		
Inner Cabinet material	Galvanized steel with powder coating		
Front end height(mm)	472		
Shelf	Five levels of adjustable wire shelves(No lighting)		
Shelf standard	5*2	5*3	5*4
End panel	Depth 50mm		
Foot	Height adjustable		
Glass door	Aluminum glass door and frame, Double tempered glass with film(heater), automatic closure		
Door Type	Front open swing door		
Doors	2	3	4
Packing size (mm)	1380*790*2130	1980*790*2130	2580*790*2130
Loading qty(20'/40' container)	12/27	9/18	6/12
Gross weight(kg)	255	340	
Compressor	Sanyo Compressor with Inverter		
Refrigerant	R404a		
Evaporators	Copper Tube with aluminum fins		
Condenser	Copper Tube with aluminum fins		
Expansion valve	Danfoss Expansion valve TS2		
Solenoid valve	Hengsen		
Temperature controller	DIXELL Digital Temperature Controller XR04CX		
Defrost	Cycle heater defrost		
Compressor rate(W)	1360	1800	2050
Condenser Fan (W)	140	210	210
Evaporating fan	30W*3	30W*4	30W*6
Lighting(Vertical frame)	LED lighting 18W*3	18W*4	18W*6
Anti Sweat heater (W)	30W*3	30W*4	30W*5
Input Power (W)	1600	2100	2600
Defrost (W)	1050	2100	2800