

Bitzer® Two-Stage Open Pack Condensing Units



Nomenclature:

CD180/S6G25.2Y

CD180 : **Condenser**

S6G25.2Y : **Compressor Model**

Product Description:

- ★ Bitzer Semi-Hermetic, two-stage compressor;
- ★ Lowest temperature approach at -55°C with R404A;
- ★ Sub-cooler equipped which greatly improve system capacity and EER;
- ★ World famous brand refrigeration parts;
- ★ Especially suitable for blast freezer & Ultra-low temperature cold room;
- ★ Matched CIC part (controlled injection cooling).

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Supcool Refrigeration Equipment Factory



Air Cooled Two-Stage Units

Model	CD36/S4T5.2Y	CD55/S4N8.2Y	CD100/S4G12.2Y	CD130/S6J16.2Y	CD150/S6G20.2Y	CD180/S6G25.2Y	CDV219/S6F30.2Y	
Temperature (°C)	-40°C ~ -25°C							
Refrigerant	R404A / R448A / R449A							
Power Supply	380V/3P/50Hz							
Condenser	Fan Qty	2	2	4	4	4	2	
	Power Supply	380V/3P/50Hz						
	Fan Input (W)	180×2	180×2	180×4	180×4	180×4	180×4	800×2
Evap -35°C	Capacity (W)	5650	8010	12540	17480	20100	23000	27200
	Input (KW)	4.59	6.56	9.9	13.96	16.17	18.56	22.2
Evap -40°C	Capacity (W)	4550	6460	10260	14380	16580	18920	22400
	Input (KW)	4.17	5.95	8.96	12.56	14.55	16.7	19.98
Evap -45°C	Capacity (W)	3600	5130	8260	11640	13430	15340	18200
	Input (KW)	3.73	5.33	8	11.21	12.99	14.92	17.85
Pipe	Suction Pipe (mm)	φ28	φ28	φ35	φ42	φ42	φ42	φ42
	Liquid Pipe (mm)	φ16	φ16	φ22	φ22	φ22	φ22	φ22
Overall Dimension	A (mm)	1085	1270	1270	1270	1340	1340	1250
	B (mm)	930	930	1050	1050	1110	1130	730
	C (mm)	660	810	1210	1460	1410	1410	930
Mounting Size (a×b) (mm)	800×885	800×885	1000×1005	1000×1005	1000×1065	1000×1085	910×685	

Remarks: 1. Condensing temp: 45°C; 2. CDV219/S6F30.2Y has the separate condenser with the unit. The size information above not includes the condenser.