



Bitzer®
Two-Stage Open Pack
Condensing Units

- 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).



Nomenclature:

CD180¹ / S6G25.2Y²

1 Condenser

2 Compressor Model

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	✪ ✪	✪ ✪	✪ ✪ ✪ ✪	✪ ✪ ✪ ✪	✪ ✪ ✪ ✪	✪ ✪ ✪ ✪	✪ ✪
	Power Supply	380V/3P/50Hz						
	Fan Input (W)	180×2	180×2	180×4	180×4	180×4	180×4	800×2
Cooling Capacity & Input	Evap -35°C	Capacity (W)	5650	8010	12540	17480	20100	23000
		Input (KW)	4.59	6.56	9.9	13.96	16.17	18.56
	Evap -40°C	Capacity (W)	4550	6460	10260	14380	16580	18920
		Input (KW)	4.17	5.95	8.96	12.56	14.55	16.7
	Evap -45°C	Capacity (W)	3600	5130	8260	11640	13430	15340
		Input (KW)	3.73	5.33	8	11.21	12.99	14.92
Pipe	Suction Pipe (mm)		φ28	φ28	φ35	φ42	φ42	φ42
	Liquid Pipe (mm)		φ16	φ16	φ22	φ22	φ22	φ22
Overall Dimension	A (mm)		1085	1270	1270	1270	1340	1340
	B (mm)		930	930	1050	1050	1110	1130
	C (mm)		660	810	1210	1460	1410	1410
Mounting Size (axb) (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.