



Air Cooled Condenser



Product Description:

- With so many years experience of finned pack heat exchanger designing and manufacturing, Supcool provide the CD series air cooled condensers for all kinds of refrigeration system;
- The optimal geometry and fins ripple make the condenser low flow drop, low airflow resistance, and low noise;
- All of our products have been tested at 2.8MPa for the air leakage. R22, R134a, R404A, & R407C could run on these units.



Nomenclature:

CD¹ V² 72³

- Air Cooled Condenser**
- None For Standard Type**
V: V type condenser
G: Flat-plate Condener
- Heat Transfer Area(m²)**

CD Standard Condenser

Model	CD-2	CD-3.4	CD-4.4	CD-5.4	CD-7.0	CD-8.4	CD-11.5	CD-15	CD-18	CD-22	CD-25	CD-21
Capacity (KW)	0.6	1	1.3	1.6	2	2.3	3.5	4.4	5.2	6.4	8.1	6.1
Heat Transfer Area (m ²)	2	3.4	4.4	5.4	7	8.4	11.5	15	18	22	25	21
Fan Motor	Input (W)	35x1	35x1	60x1	75x1	90x1	150x1	150x1	180x1	180x1	180x1	90x2
	Dia (mm)	φ200	φ200	φ250	φ300	φ300	φ350	φ350	φ400	φ400	φ400	φ300
	Air Flow (m ³ /h)	410	410	750	1350	1350	3100	3100	4500	4500	4500	2700
	Voltage (V)	220	220	220	220	220	380	380	380	380	380	220
Connection Pipe (mm)	Inlet	φ10	φ12	φ12	φ12	φ12	φ16	φ16	φ16	φ19	φ19	φ19
	Outlet	φ10	φ12	φ12	φ12	φ12	φ12	φ12	φ12	φ16	φ16	φ12
Overall Size (mm) (LxWxH)	320x100x230	320x100x230	370x100x280	440x100x330	440x135x330	500x130x430	480x180x430	550x180x480	590x180x530	590x180x530	720x180x580	840x180x430

Model	CD-28	CD-33	CD-36	CD-43	CD-48	CD-55	CD-70	CD-80	CD-100	CD-130	CD-150	CD-180
Capacity (KW)	8.2	11.2	12.6	14.8	17.5	19.2	20.5	24.4	29.6	38.2	47.2	54
Heat Transfer Area (m ²)	28	33	36	43	48	55	70	80	100	130	150	180
Fan Motor	Input (W)	150x2	150x2	180x2	180x2	180x2	180x2	150x4	180x4	180x4	180x4	180x4
	Dia (mm)	φ350	φ350	φ400	φ400	φ400	φ400	φ350	φ400	φ400	φ400	φ400
	Air Flow (m ³ /h)	6200	6200	9000	9000	9000	9000	10360	10360	18000	18000	18000
	Voltage (V)	380	380	380	380	380	380	380	380	380	380	380
Connection Pipe (mm)	Inlet	φ19	φ19	φ19	φ22	φ22	φ22	φ28	φ28	φ28	φ28	φ35
	Outlet	φ16	φ16	φ16	φ16	φ16	φ19	φ19	φ22	φ22	φ22	φ22
Overall Size (mm) (LxWxH)	900x180x430	900x200x480	1015x180x580	1015x180x680	1250x200x630	1250x200x730	1250x200x830	1250x200x830	1250x200x1130	1250x200x1380	1315x250x1330	1315x270x1330

Remarks: Capacity test condition: refrigerator temperature: 0°C, DT: 8°C

CDV Condenser

Model	CDV-72	CDV-111	CDV-158	CDV-180	CDV-219	CDV-270	CDV-328	CDV-383	CDV-455	CDV-570
Capacity (KW)	21.5	33.5	47.5	54	65	81	99	115	137	171
Heat Transfer Area (m ²)	72	111	158	180	219	270	328	383	455	570
Fan Motor	Input (W)	600x1	600x2	600x2	780x2	780x2	800x3	800x3	800x4	800x4
	Dia (mm)	φ550	φ550	φ550	φ600	φ600	φ630	φ630	φ630	φ630
	Voltage (V)	380	380	380	380	380	380	380	380	380
	Air Flow(m ³ /h)	7950	16200	16200	20700	20700	34800	34800	44000	44000
Connection Pipe (mm)	Inlet	2xφ22	2xφ22	2xφ22	2xφ28	2xφ28	2xφ28	2xφ28	2xφ35	2xφ35
	Outlet	2xφ16	2xφ16	2xφ16	2xφ22	2xφ22	2xφ22	2xφ22	2xφ28	2xφ28
Overall Size (mm) (LxWxH)	940x980x880	1540x980x960	1540x980x960	1840x980x1100	1840x980x1100	2640x1030x1100	2640x1030x1100	3040x1030x1100	3240x1050x1200	3240x1200x1200

CDG Condenser

Model	CDG-200	CDG-300	CDG-400	CDG-500	CDG-600	CDG-800	CDG-1000	CDG-1200
Capacity (KW)	66	109	132	165	198	264	330	396
Heat Transfer Area (m ²)	200	300	400	500	600	800	1000	1200
Fan Motor	Input (W)	1800x1	1800x2	1800x2	1800x3	1800x3	1800x4	1800x6
	Dia (mm)	φ800	φ800	φ800	φ800	φ800	φ800	φ800
	Voltage (V)	380	380	380	380	380	380	380
	Air Flow(m ³ /h)	18660	39000	37320	28500	55980	74640	109620
Connection Pipe (mm)	Inlet	42	42	54	54	54	67	2x67
	Outlet	35	35	42	42	42	54	2x54
Overall Size (mm) (LxWxH)	1600x1220x1340	2900x1220x1340	2900x1220x1340	4200x1220x1340	4200x1220x1340	5500x1220x1340	4200x2220x1340	4200x2220x1340