Air Cooled Condenser

Nomenclature:

CDV72

CD : **Air Cooled Condenser**

V : **None For Standard Type**
V: V type condenser / G: Flat-plate Condener

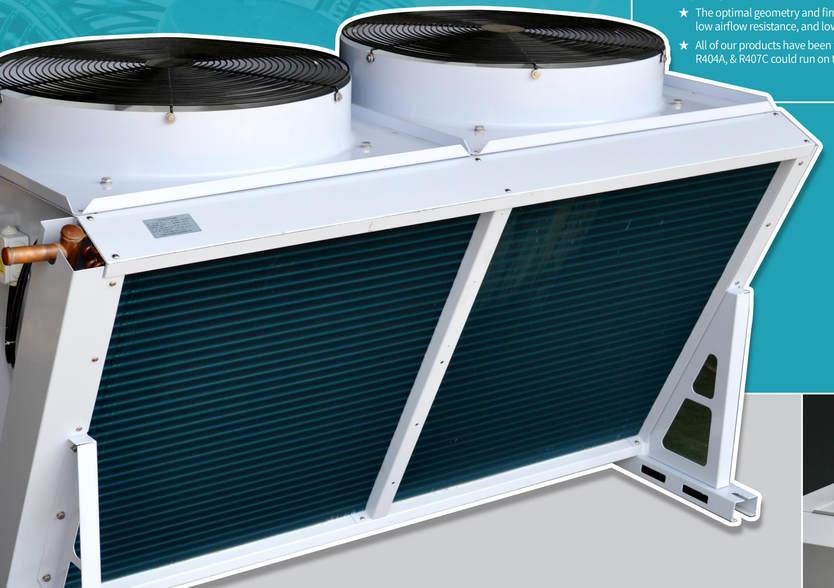
72 : **Heat Tramsfer Area(m^2)**

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.







Supcool Refrigeration Equipment Factory

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 Tnensfer Area (m^2)		2	3.4	4.4	5.4	7	8.4	11.5	15	18	22	25	21
Fan Motor	Input (W)	1×35	1×35	1×60	1×75	1×90	1×150	1×150	1×150	1×180	1×180	1×180	2×90
	Dia (mm)	200	200	250	300	300	350	350	350	400	400	400	300
	Air Flow (m^3/h)	410	410	750	1350	1350	3100	3100	3100	4500	4500	4500	2700
	Voltage (V)	220	220	220	220	220	380	380	380	380	380	380	220
Connection Pipe(mm)	Inlet	ϕ10	ϕ12	ϕ12	ϕ12	ϕ12	ϕ12	ϕ12	ϕ12	ϕ19	ϕ19	ϕ19	ϕ16
	Outlet	ϕ10	ϕ12	ϕ12	ϕ12	ϕ12	ϕ12	ϕ12	ϕ12	ϕ16	ϕ16	ϕ16	ϕ12
Overall Size (mm) (L×W×H)		320×100×230	320×100×230	370×100×280	440×100×330	440×135×330	500×130×430	480×180×430	550×180×480	590×180×530	590×180×530	720×180×580	840×180×430

Model		CD-28	CD-33	CD-36	CD-43	CD-48	CD-55	CD-70A	CD-80A	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 Tnensfer Area (m^2)		28	33	36	43	48	55	70	80	100	130	150	180
Fan Motor	Input (W)	2×150	2×150	2×180	2×180	2×180	2×180	2×250	2×250	4×180	4×180	4×180	4×180
	Dia (mm)	350	350	400	400	400	400	450	450	400	400	400	400
	Air flow (m^3/h)	6200	6200	9000	9000	9000	9000	10360	10360	18000	18000	18000	18000
	Voltage (V)	380	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	ϕ28	ϕ35
	Outlet	ϕ16	ϕ16	ϕ16	ϕ16	ϕ16	ϕ19	ϕ19	ϕ19	ϕ22	ϕ22	ϕ22	ϕ22
Overall Size (mm) (L×W×H)		900×180×430	900×200×480	1015×180×580	1015×180×680	1250×200×630	1250×200×730	1250×200×830	1250×200×830	1250×200×1130	1250×200×1380	1315×250×1330	1315×270×1330

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
Cooling (KW)		21.5	33.5	47.5	54	65	81	99	115	137	171
Heat Tnensfer Area (m^2)		72	111	158	180	219	270	328	383	455	570
Fan Motor	Input (W)	1x600	2×600	2×600	2×780	2×780	3×800	3×800	3×800	4×800	4×800
	Dia (mm)	550	550	550	600	600	630	630	630	630	630
	Voltage (V)	380	380	380	380	380	380	380	380	380	380
	Air Flow(m^3/h)	7950	16200	16200	20700	20700	34800	34800	34800	44000	44000
Connection Pipe (mm)	Inlet	2×ϕ22	2×ϕ22	2×ϕ22	2×ϕ28	2×ϕ28	2×ϕ28	2×ϕ28	2×ϕ28	2×ϕ35	2×ϕ35
	Outlet	2×ϕ16	2×ϕ16	2×ϕ16	2×ϕ22	2×ϕ22	2×ϕ22	2×ϕ22	2×ϕ22	2×ϕ28	2×ϕ28
Overall Size (mm) (L×W×H)		940×980×880	1540×980×960	1540×980×960	1840×980×1100	1840×980×1100	2640×1030×1100	2640×1030×1100	3040×1030×1100	3240×1050×1200	3240×1200×1200

CDG Condenser

Model		CDG-200	CDG-300	CDG-400	CDG-500	CDG-600	CDG-800	CDG-1000	CDG-1200
Cooling (KW)		66	109	132	165	198	264	330	396
Heat Tnensfer Area (m^2)		200	300	400	500	600	800	1000	1200
Fan Motor	Input (W)	1x1800	2x1800	2x1800	3x1800	3x1800	4x1800	6x1800	6x1800
	Dia (mm)	800	800	800	800	800	800	800	800
	Voltage (V)	380	380	380	380	380	380	380	380
	Air Flow(m^3/h)	18660	39000	37320	28500	55980	74640	115070	109620
Connection Pipe (mm)	Inlet	42	42	54	54	54	67	2x67	2x67
	Outlet	35	35	42	42	42	54	2x54	2x54
Overall Size (mm) (L×W×H)		1600×1220×1340	2900×1220×1340	2900×1220×1340	4200×1220×1340	4200×1220×1340	5500×1220×1340	4200×2220×1340	4200×2220×1340