New Generation Condenser with Inner Groove Copper Tube







Nomenclature:

NCDV-27

N : **Inner Groove Copper Tube Inside**

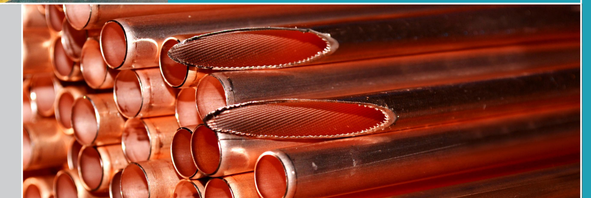
CD : **H Type Condenser**

V : **None for Standard H Type, V for V Type**

27 : **Heat Transfer Area (m^2)**

Product Description:

- ★ With inner groove copper tube and corrugated fin, the New generation air cooled condensers could enlarge the heat exchange efficiency tremendously;
- ★ 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, &R448 R449 could run on these units.



Model		NCD-4.6	NCD-5.2	NCD-6.9	NCD-7.9	NCD-9.9	NCD-12.2	NCD-15.2	NCD-16.6	NCD-19
Heat Transfer Capacity (KW)		4.56	5.13	6.95	7.96	9.92	12.20	15.2	16.6	18.99
Tube Volume (L)		1.0	1.2	1.5	1.9	2.0	2.3	3.1	3.7	4.4
Fan Motor	Input (W)	129	129	180	180	250	390	2x180	2x180	2x180
	Fan Motor	1xϕ350	1xϕ350	1xϕ400	1xϕ400	1xϕ450	1xϕ500	2xϕ400	2xϕ400	2xϕ400
	Air Flow (m^3/h)	2034	2154	3196	3017	4051	5119	5898	6148	6632
Dimension (mm)		515x275x507	565x275x557	605x277x607	605x297x607	665x305x622	715x305x672	1015x297x622	1015x297x722	1215x297x722
Inlet Φ (mm)		19	19	19	19	19	19	19	22	22
Outlet Φ (mm)		16	16	16	16	16	16	16	19	19

Model		NCD-22.3	NCD-25.3	NCD-29.2	NCD-33.7	NCD-36.5	NCD-44	NCD-47	NCD-57	NCD-62
Heat Transfer Capacity (KW)		22.23	25.29	29.16	33.66	36.50	43.90	47.10	56.97	61.65
Tube Volume (L)		5.1	5.5	5.9	7.3	9.1	10.1	10.6	11.4	14.0
Fan Motor	Input (W)	4x129	2x250	2x390	4x180	4x180	2x600	4x250	4x390	4x390
	Fan Motor	4xϕ350	2xϕ450	2xϕ500	4xϕ400	4xϕ400	2xϕ550	4xϕ450	4xϕ500	4xϕ500
	Air Flow (m^3/h)	8856	9190	11082	12304	13024	15794	15840	21804	22050
Dimension (mm)		1225x275x1072	1225x305x872	1225x305x922	1225x297x1122	1225x297x1322	1425x405x1322	1225x335x1322	1575x305x1322	1575x335x1322
Inlet Φ (mm)		25	25	25	25	32	32	32	32	32
Outlet Φ (mm)		22	19	22	22	25	25	25	25	25

Vtype Air Cooled Condenser

Model		NCDV-27	NCDV-39	NCDV-42	NCDV-47	NCDV-56	NCDV-59
Heat Transfer Capacity (KW)(R404A/R448A/R449A)		25	35.7	38.4	42.8	50.8	53
Tube Volume (L)		7.9	9.7	11.3	12	13.2	14
Fan Motor	Input (W)	2X250	2X600	2X600	2X780	2X800	2X800
	Fan Motor	2Xϕ450	2Xϕ550	2Xϕ550	2Xϕ600	2Xϕ630	2Xϕ630
	Air Flow (m^3/h)	9922	15584	15988	19064	22830	23084
Dimension (mm)		1280X900X780	1480X900X780	1480X1000X870	1570X1000X860	1660X100X860	1730X1050X900
Inlet Φ (mm)		2X25	2X32	2X32	2X32	2X32	2X32
Outlet Φ (mm)		2X19	2X25	2X25	2X25	2X25	2X25

Model		NCDV-62	NCDV-74	NCDV-85	NCDV-93	NCDV-98	NCDV-102	NCDV-132
Heat Transfer Capacity (KW)(R404A/R448A/R449A)		57	67	76	84	89	94	120
Tube Volume (L)		16.2	17.5	18.9	24	26.9	30	36.4
Fan Motor	Input (W)	2X800	3X780	3X800	3X800	3X800	3X800	4X800
	Fan Motor	2Xϕ630	3Xϕ600	3Xϕ630	3Xϕ630	3Xϕ630	3Xϕ630	4Xϕ630
	Air Flow (m^3/h)	23536	28928	34020	35112	35388	35896	47716
Dimension (mm)		2140X1000X860	2290x1000x860	2490x1000x860	2500X1150X990	2820X1150X990	2820X1100X1100	3450X1110X1100
Inlet Φ (mm)		2X32	2x32	2x32	2X42	2X42	2X42	2X50
Outlet Φ (mm)		2X25	2x28	2x28	2X32	2X32	2x32	2x32