

HC Series

Air Condenser





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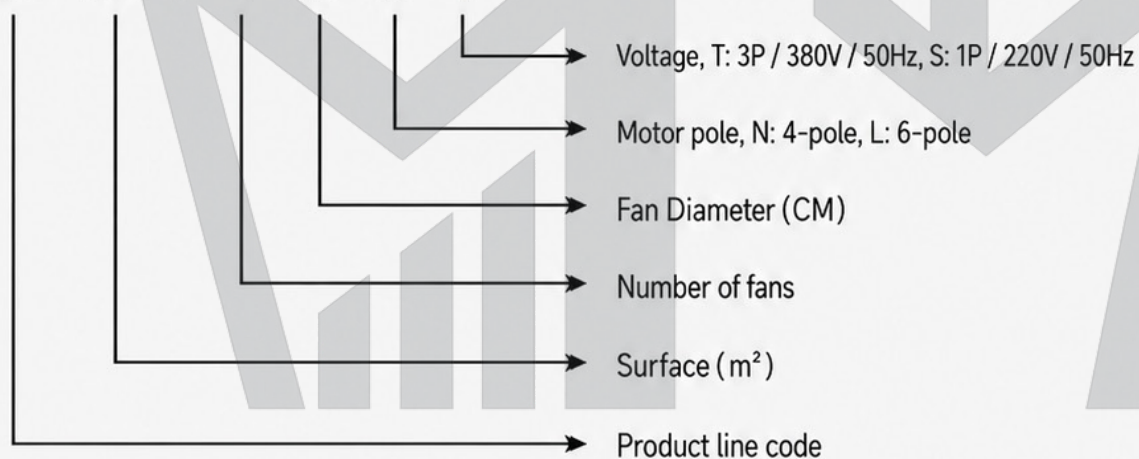
1. PRODUCT DESCRIPTION

HC series condensers are mainly equipped with open-type condensing units with scroll compressor, hemertic & semi-hermetic compressor. Condensers and compressors can be installed together or separately from compressors.

- 1 Adopt high-quality steel plate with powder coating RAL9003 or RAL6001;
- 2 Design of High barrel with Side-mounted Structure.
- 3 Copper tube and corrugated aluminium fins with a distance of 2.1 mm are used;
- 4 Fan specifications adopt $\phi 400\text{mm}$, $\phi 500\text{mm}$ and $\phi 630\text{mm}$; Testing pressure 32bar; Retain 1.5bar pressure before leaving factory;
- 5 It can meet the requirements of R22, R134a, R404A, R507A, R407A, R407C, R448A, R449A and other refrigerants.

2. MODEL DESCRIPTION

HC 130 / 4 40 N T



**3. PERFORMANCE DATA SHEET**

Model	Capacity (kW), ΔT=15K	Surface (m²)	Volume (dm³)	Fan motor			Noise dB(A), 10m	Connect pipe(mm)		Weight (kg)
				Airflow (m³/h)	Power (W)	Current (A)		Inlet	Outlet	
Fan 400mm										
HC18/140NT	8.8	17.6	2.2	3800	240	0.52	50	φ16	φ12.7	27
HC26/140NT	11.8	26.3	3.3	3500	240	0.52	50	φ16	φ12.7	30
HC35/140NT	13.3	35.1	4.4	3100	240	0.52	50	φ16	φ12.7	33
HC35/240NT	17.5	35.1	4.3	7600	480	1.04	53	φ22	φ16	48
HC53/240NT	23.6	52.6	6.3	7000	480	1.04	53	φ22	φ16	53
HC70/240NT	26.6	70.2	8.3	6200	480	1.04	53	φ22	φ16	58
HC65/440NT	34.0	65.3	7.6	15200	960	2.08	56	φ28	φ22	69
HC98/440NT	43.9	97.7	11.6	14000	960	2.08	56	φ28	φ22	75
HC130/440NT	49.5	130.3	15.5	12400	960	2.08	56	φ28	φ22	81
Fan 500mm										
HC33/150NT	17.5	33.4	4.2	7000	548	1.1	55	φ22	φ16	43
HC44/150NT	20.2	44.4	5.5	6700	548	1.1	55	φ22	φ16	46
HC56/150NT	23.3	55.5	6.8	6500	548	1.1	55	φ22	φ16	49
HC67/150NT	25.3	66.6	8.2	6200	548	1.1	55	φ22	φ16	53
HC65/250NT	34.4	64.9	7.6	14000	1096	2.2	58	φ28	φ22	71
HC86/250NT	38.9	86.4	10.2	13400	1096	2.2	58	φ28	φ22	78
HC108/250NT	45.3	107.9	12.8	13000	1096	2.2	58	φ28	φ22	85
HC130/250NT	49.2	129.5	15.3	12400	1096	2.2	58	φ28	φ22	91
HC122/450NT	64.5	121.7	14.4	28000	2192	4.4	61	φ42	φ35	130
HC162/450NT	72.9	162.0	19.2	26800	2192	4.4	61	φ42	φ35	142
HC202/450NT	86.0	202.4	24.0	26000	2192	4.4	61	φ42	φ35	154
HC243/450NT	93.6	242.9	28.7	24800	2192	4.4	61	φ42	φ35	166
Fan 630mm										
HC59/163NT	27.1	59.0	7.2	10200	937	1.75	61	φ22	φ16	60
HC74/163NT	31.3	73.7	9.0	9900	937	1.75	61	φ22	φ16	65
HC89/163NT	34.5	88.5	10.8	9500	937	1.75	61	φ28	φ22	69
HC115/263NT	53.2	114.5	13.5	20400	1874	3.5	64	φ35	φ28	104
HC143/263NT	61.6	143.2	16.8	19800	1874	3.5	64	φ35	φ28	113
HC172/263NT	67.0	171.8	20.2	19000	1874	3.5	64	φ42	φ35	122
HC223/463NT	103.5	222.7	26.2	40800	3748	7.0	67	φ42	φ35	195
HC278/463NT	119.7	278.4	32.7	39600	3748	7.0	67	φ42	φ35	211
HC334/463NT	130.3	334.0	39.2	38000	3748	7.0	67	φ42	φ35	228

Remarks: 1) Calibration conditions of heat transfer: ambient temperature 25°C, condensation temperature 40°C, heat transfer temperature difference 15K, refrigerant R404A. Heat transfer under other working conditions refer to the selection of condenser.

2) Noise Calibration of Sound Pressure at 10m distance.



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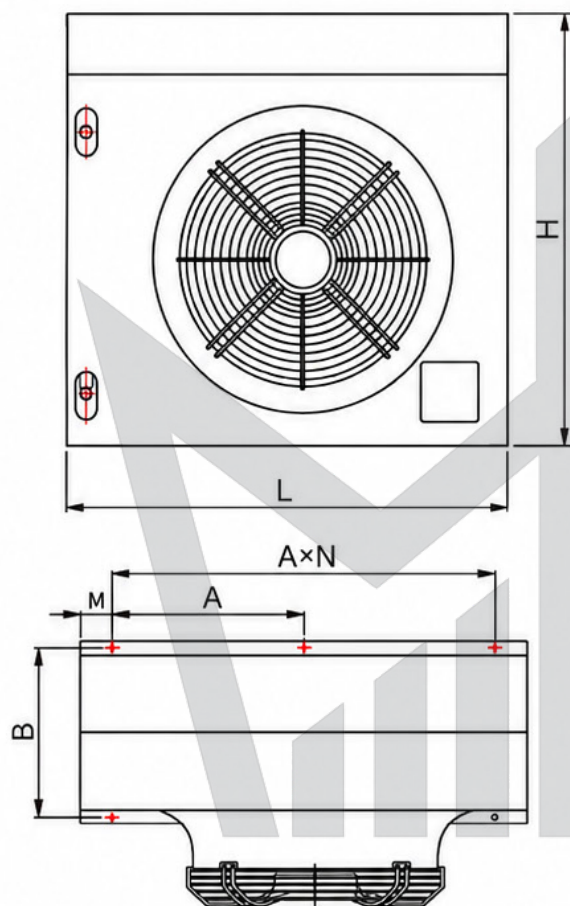
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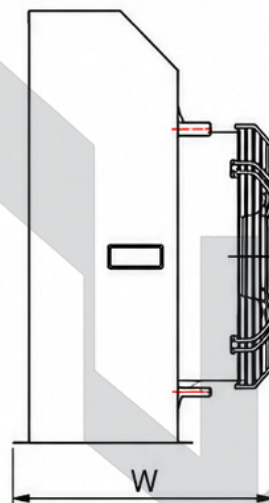
Outline & Installation Dimensions

4. OUTLINE & INSTALLATION DIMENSIONS

Fan diameter	Number	Outline (mm):			Install (mm):					Drawing
		L	W	H	M	A	A×N	B	Hole	
φ400	1	775	420	730	135	275	275×2	280	φ9	A
	2	1425	420	730	135	400	400×3	280	φ9	B
	4	1425	420	1330	135	400	400×3	280	φ9	C
φ500	1	860	490	830	160	300	300×2	320	φ9	A
	2	1540	490	830	155	430	430×3	320	φ9	B
	4	1540	490	1530	155	430	430×3	320	φ9	C
φ630	1	975	520	930	155	370	370×2	320	φ9	A
	2	1790	520	930	155	385	385×4	320	φ9	B
	4	1790	520	1780	155	385	385×4	320	φ9	C



Drawing A





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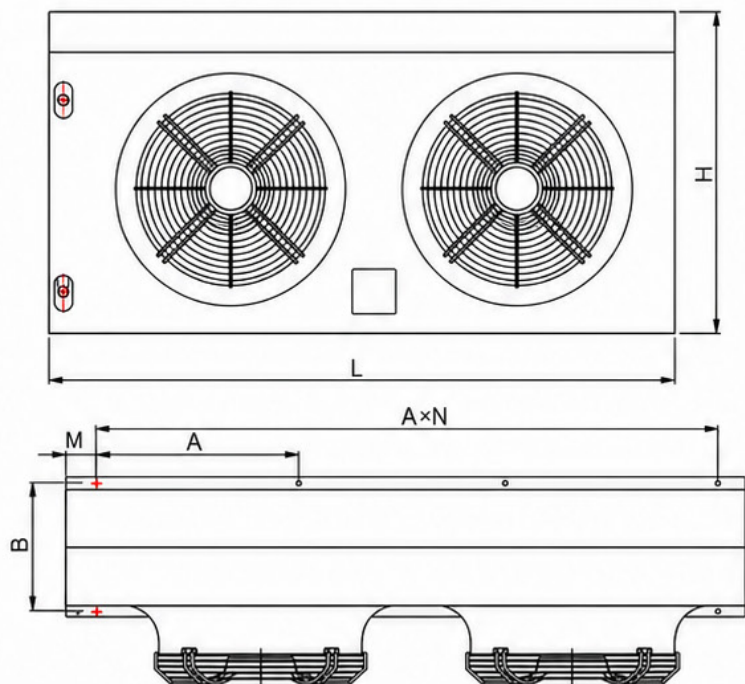


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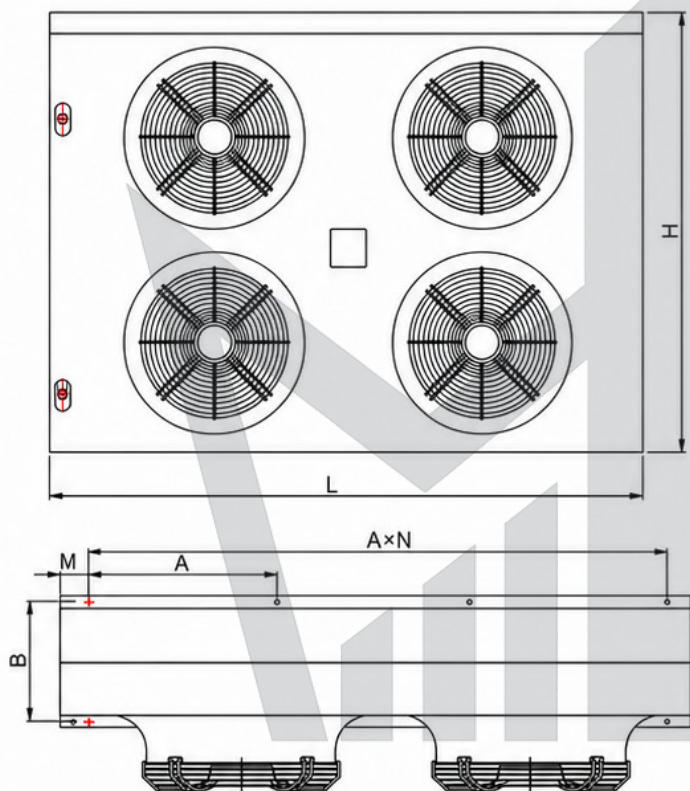
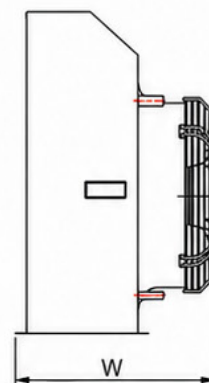
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Outline & Installation Dimensions

ENGINEERING DRAWINGS B & C



Drawing B



Drawing C

