

LCV LCVB

AIR-COOLED CONDENSER

LCV-V TYPE

LCVB-V TYPE WITH BOX

VERTICAL
DISCHARGE



LUTHER-BACH HEAT EXCHANGER CO.,LTD

BASIC VERSION

PRODUCTS FEATURES

LCV LCVB series Air-cooled condenser is a radiator in Freon refrigerating equipment, which offer a standardized and modular design leading to short quotation and delivery times.

LCV LCVB series Air-cooled condenser make use of top air blows.

CASING

The shell is made of quality steel plate; sprayed plastic surface is anti-corrosive which can combine up to various modules to an Air-Cooled Condenser. After plastic-sprayed treatment, the shell is anti-corrosive and durable.

The modular design allows for a high degree of preassembly of materials in the workshop or at grade level on site which leads to reduction of site erection hours. The mechanical drive is located at the lower platform to ease access and maintenance during operations.

FANS

All condensers use motors that boast large air volume and low rotating speed. Therefore, the condensers have low noise and nice appearance, and can be widely used in those refrigerating equipment that have strict requirements of noise to ensure the high level of quality our customers expect will be met.

HEAT EXCHANGER

Coiled pipes are mechanical expanding tubes in staggered arrangement; therefore, copper tubes and fins are combined closely, and ensure good effect of heat exchange.

The optimized V-Shape installation with induced draft air fan on top reduce power consumption compared with classical A-frame configurations.

Heat-exchanging coiled pipes are highly efficient, clean and dry.

MOTOR

The design width of this cooling fan is reasonable, space between fan blade and aluminum fin is larger than 1/3 diameter of fan blade in order to ensure sufficient windward area.

Optional: Long-distance air supply ducts can be used according to customers' requirements.

TYPE DESIGNATION CODE

1	2	3	4
LC	V	25	72

1. Luther-Bach Condenser

2. Code of suitable application

V : V Type Vertical Discharge

VB: V Tyoe With Vertical Discharge

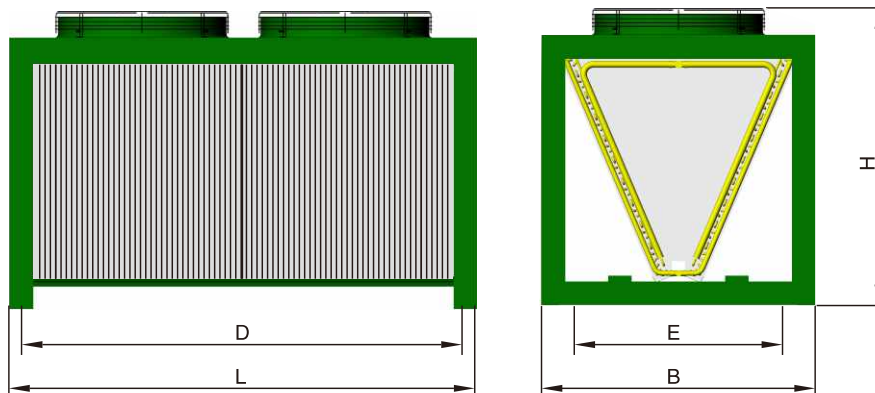
3. Nominal Heat Exchanger Capacity (KW)

4. Nominal Heat Exchanger Area (m²)

TECHNICAL DATA OF LCV CONDENSER

Model	Heat removal quantity △ t=15k(kw)	Heat-exchange area	Fan						Diameter of inlet tube	Diameter of outlet tube	Dimensions (mm)			Mounting dimensions (mm)	
			Qty	Diameter of fan	Air volume	Static pressure	Power	Voltage			L	B	H	D	E
W	m²	N	φmm	m³/h	Pa	W	V	φmm	φmm	mm	mm	mm	mm	mm	
LCV-25/72	24840	72	1	φ550	7400	80	670	380	22	16	950	900	890	870	650
LCV-30/87	30102	87	1	φ600	9100	80	825	380	25	16	1100	1000	870	1020	650
LCV-39/110	39050	110	2	φ500	2×5300	60	2×449	380	25	16	1400	900	890	1320	650
LCV-45/130	44850	130	2	φ550	2×7400	80	2×670	380	28	19	1550	900	890	1470	650
LCV-55/155	55025	155	2	φ550	2×7400	80	2×670	380	28	19	1600	1000	980	1520	750
LCV-64/185	63825	185	2	φ600	2×9100	80	2×825	380	28	22	1700	1000	1085	1620	750
LCV-73/210	72660	210	2	φ630	2×9900	80	2×937	380	32	22	2200	1000	1185	2120	750
LCV-83/240	82800	240	3	φ550	3×7400	80	3×670	380	32	22	2470	1000	980	2390	750
LCV-93/270	93420	270	3	φ600	3×9100	80	3×825	380	35	25	2710	1000	980	2630	750
LCV-104/300	103800	300	3	φ630	3×9900	80	3×937	380	35	25	2710	1000	1080	2630	750
LCV-111/320	111040	320	3	φ630	3×9900	80	3×937	380	38	25	2890	1000	1080	2810	750
LCV-125/360	124560	360	3	φ710	3×12650	80	3×1494	380	42	28	2890	1175	1120	2810	925
LCV-138/400	138400	400	4	φ630	4×9900	80	4×937	380	42	28	3530	1000	1080	3450	750
LCV-166/480	165600	480	4	φ710	4×12650	80	4×1494	380	54	28	3770	1175	1120	3690	925

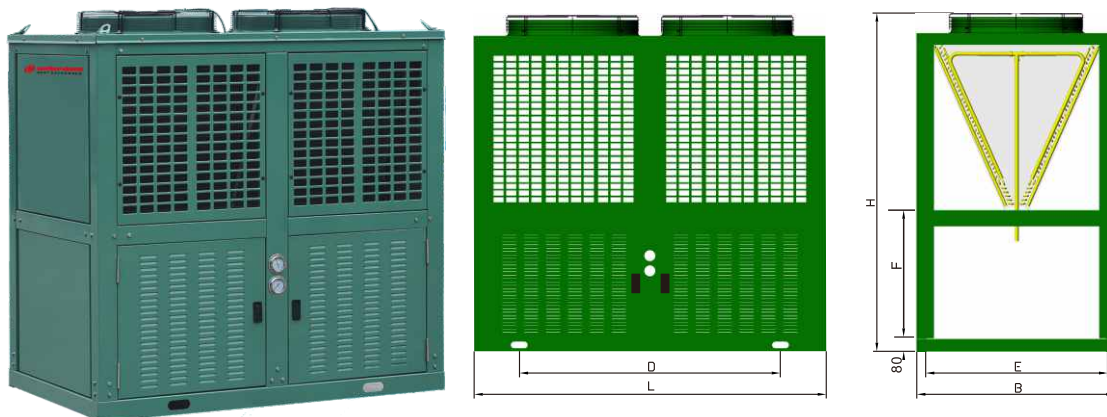
Notes: We can design and produce special non-standard products for customers



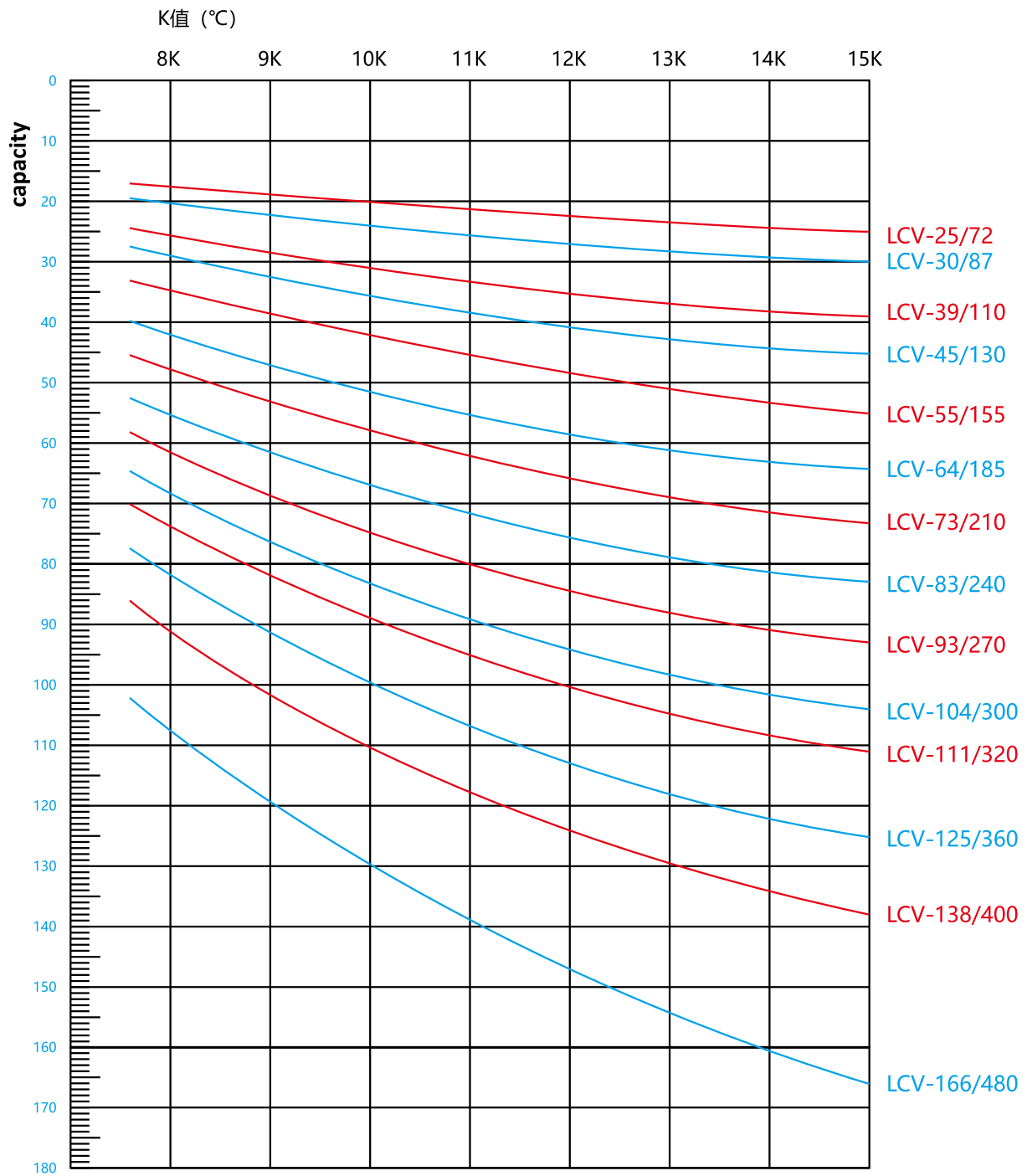
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			Qty	Diameter of fan	Air volume	Static pressure	Power	Voltage			L	B	H	F	D	E
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V TYPE SELECTION





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