



Meet the units

Optimum range of Evaporators

- The tube of evaporator is made of thin film internal screw thread red copper; the heat transfer coefficient of refrigerant side is 1.7-2 times higher than traditional plain tube. It has characteristics of high cleanliness, high heat transfer efficient and small in pipe pressure loss.
- The fin of evaporator is made of dual sinus aluminium finned plate by first punch forming and then turned-over edge, fit in well with red copper pipe after mechanical expanding pipe, which has characteristics of low heat resistance and high heat transfer efficient.
- Axial fan has characteristics of simple structure, light weight, running stable, high efficiency, low temperature resistant, damp resistant and low noise.
- Frost melting uses stainless electric heating pipe, the end sealing of the electric heating pipe is used silicon rubber shrinking sealed technology which has high security and reliability.
- the cover of the fan coil is made of high quality cold plate by plastic-spray or stainless steel by cold stamping, the customer could choose the material according to the requirement

Ceiling Fan Coil

Type	Nominal cooling power	Heat exchange area	Air-flow rate	Delivery distance	Fan	Electric motor of fan		External diameter of connection		Capacity of coil	Net weight	External diameter of connection		Size							
						Current	Power	Coil	water pond			Inlet	Outlet	L	B	H	E	E1	F	A	Outlet
RT=0°C DT=8K Pitch of fins =4,5mm Relative humidity = 85%																					
LFD38-45	3,77	12,9	1900	8	1x350	0,40	140	/	/	2,5	36,9	12	22	840	470	527	540	-	442	300	32
LFD65-45	6,46	20,9	3200	13	1x400	0,43	170	/	/	3,8	45,2	16	22	1015	478	610	715	-	442	400	32
LFD77-45	7,72	25,8	3800	8	2x350	0,80	280	/	/	4,7	58,4	16	28	1340	470	527	1040	-	442	300	32
LFD90-45	8,95	30,7	4500	15	1x450	0,54	200	/	/	6,3	60,3	16	28	1190	478	693	890	-	442	500	32
LFD117-45	11,70	38,7	4700	8	3x350	1,20	420	/	/	6,75	77,1	16	28	1840	470	527	1540	-	442	300	32
LFD129-45	12,94	41,8	6400	13	2x400	0,86	340	/	/	7,3	74,6	16	28	1690	478	610	1390	-	442	400	32
LFD157-45	15,68	51,6	7600	8	4x350	1,60	560	/	/	9	103,7	16	35	2340	470	527	-	1020	442	300	32
LFD184-45	18,35	61,4	9000	15	2x450	1,08	400	/	/	9,1	102,1	16	35	2040	478	693	1740	-	442	500	32
LFD194-45	19,41	62,7	9600	13	3x400	1,29	510	/	/	10,7	107,9	16	35	2365	478	610	2065	-	442	400	32
LFD259-45	25,88	83,5	12800	13	4x400	1,72	680	/	/	14,3	145,6	22	35	3040	478	610	-	1370	442	400	32
LFD278-45	27,80	92,1	13500	15	3x450	1,62	600	/	/	18,3	170,9	22	35	2890	478	693	2590	-	442	500	32
LFD373-45	37,26	122,7	18000	15	4x450	2,16	800	/	/	24,3	195,9	22	35	3740	478	693	-	1720	442	500	32
RT=-18°C DT=8K Pitch of fins = 6mm Relative humidity = 95%																					
LFD30-60	2,95	12,3	1850	7	1x350	0,40	140	1,8	0,8	3	37,4	12	22	840	470	527	540	-	442	300	32
LFD50-60	5,01	20	3250	13	1x400	0,43	170	1,8	0,8	4,7	46,0	16	28	1015	478	610	715	-	442	400	32
LFD62-60	6,22	24,7	3700	7	2x350	0,80	280	1,8	0,8	5,7	59,3	16	28	1340	470	527	1040	-	442	300	32
LFD71-60	7,07	29,3	4550	15	2x450	0,54	200	2,4	0,8	6,8	61,4	16	28	1190	478	693	890	-	442	500	32
LFD91-60	9,14	37	5550	7	3x350	1,2	420	2,4	0,8	8,4	78,4	16	28	1840	470	527	1540	-	442	300	32
LFD100-60	10,02	40	6500	13	2x400	0,86	340	4,2	1	9,1	76,1	16	35	1690	478	610	1390	-	442	400	32
LFD120-60	12,08	49,3	7400	7	4x350	1,60	560	4,2	1	11,1	105,4	16	35	2340	470	527	-	1020	442	300	32
LFD145-60	14,45	58,7	9100	15	2x450	1,08	400	6	6	13,2	104,2	16	35	2040	478	693	1740	-	442	500	32
LFD150-60	15,03	59,9	9750	13	3x400	1,29	510	6	6	13,4	110,0	16	35	2365	478	610	2065	-	442	400	32
LFD200-60	20,04	79,9	13000	13	4x400	1,72	680	9,6	1,5	17,8	148,4	22	35	3040	478	610	-	1370	442	400	32
LFD219-60	21,86	88	13650	15	3x450	1,62	600	9,6	1,5	19,6	174,0	22	35	2890	478	693	2590	-	442	500	32
LFD293-60	29,28	117,3	18200	15	4x450	2,16	800	12	1,5	26	200,0	22	35	3740	478	693	-	1720	442	500	32
RT=-25°C DT=8K Pitch of fins = 8mm Relative humidity = 095%																					
LFD19-80	1,93	11,4	1850	7	1x350	0,40	140	1,8	0,8	3,6	38,5	12	22	840	470	527	540	-	442	300	32
LFD30-80	3,07	18,5	3200	13	1x400	0,43	170	2,4	0,8	5,7	47,8	16	28	1015	478	610	715	-	442	400	32
LFD40-80	3,98	22,8	3700	7	2x350	0,80	280	2,4	0,8	6,8	61,5	19	28	1340	470	527	1040	-	442	300	32
LFD47-80	4,73	27,1	4550	15	1x450	0,54	200	3,6	1,2	8,2	64,0	19	28	1190	478	693	890	-	442	500	32
LFD59-80	5,87	34,2	5550	7	3x350	1,20	420	4,2	1	10	81,7	19	28	1840	470	527	1540	-	442	300	32
LFD61-80	6,14	37	6400	13	2x400	0,86	340	4,2	1	10,9	79,6	19	28	1690	478	610	1390	-	442	400	32
LFD78-80	7,76	45,6	7400	7	4x350	1,60	560	4,2	1	13,3	109,7	19	28	2340	470	527	-	1020	442	300	32
LFD92-80	9,22	55,4	9600	13	3x400	1,29	510	6	1,2	16	110,1	22	35	2365	478	610	2165	-	442	400	32
LFD96-80	9,62	54,3	9100	15	2x450	1,08	400	6	1,2	15,9	114,5	22	35	2040	478	693	1740	-	442	500	32
LFD123-80	12,29	73,9	12800	13	4x400	1,72	680	9,6	1,5	21,3	155,4	22	35	3040	478	610	-	1370	442	400	32
LFD145-80	14,53	81,4	13650	15	3x450	1,62	600	9,6	1,5	23,6	181,7	22	35	2890	478	693	2590	-	442	500	32
LFD194-80	19,44	108,6	18200	15	4x450	2,16	800	12	1,5	31,3	210,2	22	35	3740	478	693	-	1720	442	500	32

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