

Air-Cooled Condensers

1 - 26 Tons Direct-Drive Air-Cooled Condensers

Model FCB direct-drive air-cooled condensers are the industry standard for remote air-cooled applications. Key FCB benefits include: versatility, simplicity of design and easy serviceability.

- Fully baffled fan sections to provide structural strength and prevent fan windmilling in the off cycle
- Multicircuiting at no extra cost
- Optional coils with coated or all copper fins are available for corrosive or damaging atmospheres
- Weatherproof junction box, with motor leads terminating for single-point field wiring
- Available in either vertical or horizontal arrangement
- Fan cycling or variable-speed for head pressure control
- PVC coated steel fan guards
- PSC or 3 phase motors standard



FCB Model

FCB Model	Total Heat Rejection 30°F TD		No. of Fans	CFM	Motor HP	FLA			Dimensions (in.)			Connections (in.)		Approx. Net Wt. (lbs.)
	R-22	R-404A, 507				208-230/1/60	208-230/3/60 ¹	460/3/60 ¹	L	H	D	Inlet	Outlet	
FCB1	22.9	22.4	1	2,400	1/4	2.0	-	-	37-1/2	22	43	3/8	3/8	96
FCB1.5	26.7	26.2	1	2,400	1/4	2.0	-	-	37-1/2	22	43	5/8	5/8	96
FCB2	30.5	29.9	1	2,400	1/4	2.0	-	-	37-1/2	22	43	7/8	5/8	96
FCB3	47.1	46.2	1	2,100	1/4	2.0	-	-	37-1/2	40-1/2	43	7/8	5/8	114
FCB5	73.0	71.5	1	5,050	1/3	3.4	2.6	1.3	39-3/4	40-1/2	43	1-1/8	7/8	180
FCB8	120.0	117.6	1	6,450	1/2	3.9	2.6	1.3	49-3/4	40-1/2	43	1-1/8	7/8	260
FCB10	146.0	143.1	2	10,100	1/3	6.8	5.2	2.6	69-3/4	40-1/2	43	(2) 1-1/8	(2) 7/8	450
FCB12	182.4	178.8	2	12,400	1/2	7.8	5.2	2.6	69-3/4	40-1/2	43	(2) 1-1/8	(2) 7/8	470
FCB14	209.6	205.5	2	13,700	1/2	7.8	5.2	2.6	89-3/4	40-1/2	43	(2) 1-1/8	(2) 7/8	510
FCB16	239.6	234.8	2	12,900	1/2	7.8	5.2	2.6	89-3/4	40-1/2	43	(2) 1-3/8	(2) 1-1/8	530
FCB21	314.2	307.9	3	20,500	1/2	11.7	7.8	3.9	129-3/4	40-1/2	43	(2) 1-5/8	(2) 1-1/8	550
FCB23	339.6	332.8	3	19,900	1/2	11.7	7.8	3.9	129-3/4	40-1/2	43	(2) 1-5/8	(2) 1-1/8	580
FCB26	398.2	390.2	3	19,400	1/2	11.7	7.8	3.9	129-3/4	40-1/2	43	(2) 1-5/8	(2) 1-1/8	625

NOTE: FCB 1 - 2 available in 115/1/60 voltage, FCB 5 - 26 available in 575/3/60 voltage

¹ Motors are 1/3 HP

Air-Cooled Condensers

Models LNE, LNQ, LNX, LNL and LNH Air-Cooled Condensers

Solus™ and Altus™ series air-cooled condensers feature improved energy efficiency and low sound levels, which are key features sought by the supermarket and grocery industry. Traditional condensers using 1140 RPM motors offer high capacities, but cannot meet the low sound and energy efficiency standards demanded today by this industry. Now, Larkin brings the best of both worlds together with advanced solutions that offer high capacities for operation, while meeting the low sound and energy efficiency requirements you demand.

Model LNE with EC motor technology offers all the benefits of variable speed motors without the complexity. EC motors utilize variable-speed technology, which optimizes fan speeds for load requirements, maximizes energy efficiency and minimizes sound.

Models LNQ, LNX and LNL features Larkin's patented QuietEdge™ technology that uses specially designed swept fan blades to reduce noise levels. These blades are uniquely designed for each motor speed, optimizing performance and ensuring you're receiving the lowest sound levels possible. Look for the QuietEdge™ 4 blade on the 540 RPM motors and the QuietEdge™ 5 on the 830 RPM motors.

Model LNH continues to offer Larkin's 1140 RPM series for customers seeking the most economical solution for their capacity requirements.



Solus™ Series Model LNE, 2.2 kW, 31.5" Fan Diameter

LNE Model	THR, MBH/1°F TD		CFM	Total FLA		Maximum No. of Feeds	Connections (in.)	Refrigerant Summer Charge R-22 (lbs.)	Approx. Net Wt. (lbs.)
	R-22	R-404A		230/3/60	460/3/60				
Single Row									
LNES01A008	7.7	7.6	11,000	7.0	3.5	7	1-3/8	8	330
LNES01A009	9.3	9.1	10,500	7.0	3.5	14	1-3/8	10	360
LNES02A011	11.3	11.1	23,400	14.0	7.0	14	1-3/8	10	590
LNES02A015	15.4	15.1	22,000	14.0	7.0	21	1-5/8	15	640
LNES02A018	18.1	17.8	20,900	14.0	7.0	28	2-1/8	29	690
LNES03A023	23.1	22.7	33,100	21.0	10.5	21	2-1/8	22	930
LNES03A027	27.2	26.7	31,400	21.0	10.5	28	2-1/8	30	1,010
LNES04A031	30.8	30.2	42,600	28.0	14.0	21	2-1/8	51	1,220
LNES04A036	36.3	35.5	40,000	28.0	14.0	28	2-5/8	70	1,320
LNES05A039	39.3	38.5	53,200	35.0	17.5	21	2-5/8	64	1,520
LNES05A047	46.6	45.7	50,000	35.0	17.5	28	2-5/8	86	1,650
LNES06A056	56.0	54.8	60,000	42.0	21.0	28	2-5/8	102	1,960
LNES07A065	64.6	63.3	70,000	49.0	24.5	28	(2) 2-5/8	118	2,260
Double Row									
LNED04A023	22.7	22.2	46,700	28.0	14.0	28	(2) 1-3/8	19	1,290
LNED04A031	30.8	30.2	44,100	28.0	14.0	42	(2) 1-5/8	29	1,390
LNED04A036	36.3	32.5	41,800	28.0	14.0	56	(2) 2-1/8	40	1,490
LNED06A046	46.2	45.3	66,100	42.0	21.0	42	(2) 2-1/8	44	2,060
LNED06A054	54.4	53.3	62,700	42.0	21.0	56	(2) 2-1/8	58	2,210
LNED08A062	61.7	60.5	85,100	56.0	28.0	42	(2) 2-1/8	104	2,730
LNED08A073	72.5	71.1	80,000	56.0	28.0	56	(2) 2-5/8	140	2,930
LNED10A079	78.6	77.0	106,400	70.0	35.0	42	(2) 2-5/8	125	3,410
LNED10A093	93.3	91.4	100,100	70.0	35.0	56	(2) 2-5/8	172	3,660
LNED12A112	111.9	109.7	120,100	84.0	42.0	56	(2) 2-5/8	201	4,370
LNED14A129	129.2	126.7	140,100	98.0	49.0	56	(4) 2-5/8	236	5,070

Bold indicates standard model capacity at 10 FPI



Solus™ Series



Altus™ Series