

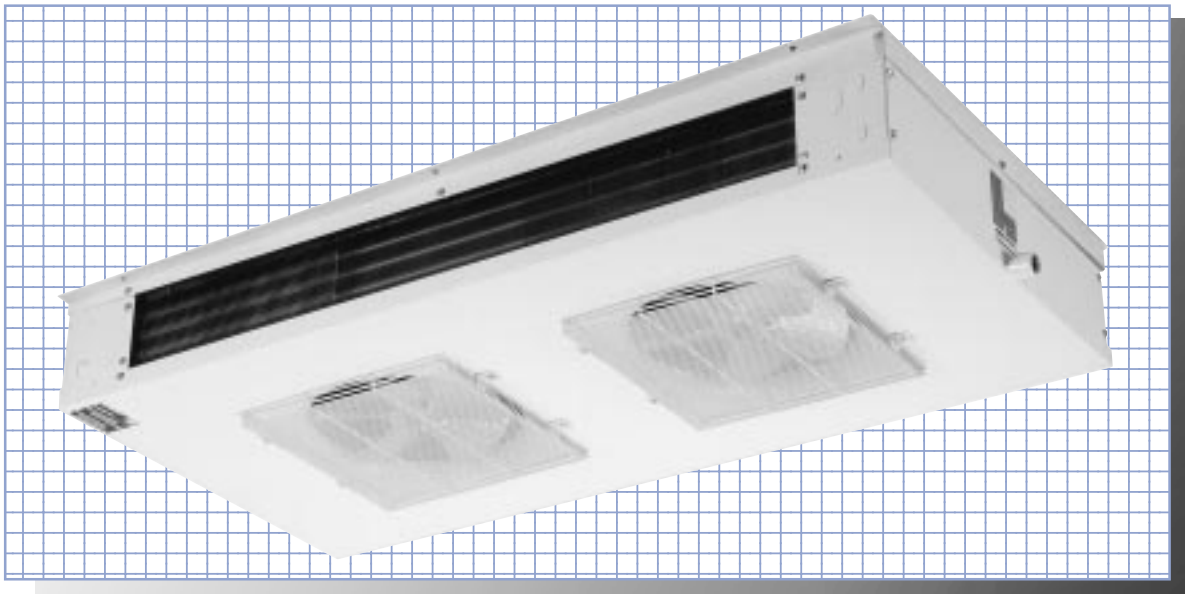


LARKIN

CENTER MOUNT

ELECTRIC AND AIR DEFROST UNIT COOLERS

MODELS ACM and ECM



These Center Mount Unit Coolers are designed for cooler and freezer applications where space conservation is a primary criterion. Because the coil is mounted to the ceiling, the product can be stacked higher along the walls. The Center Mount features even air distribution throughout the cooler.

Standard Features

- For applications of +34°F to -20°F (+1°C to -29°C).
- Compact! Gives more usable space in refrigerated area.
- Low height gives more head room and allows product to be stacked higher.
- Allows shelving and storage of product around all walls.
- Heavy gauge white aluminum cabinet cleans easily and looks attractive.
- Stainless steel screws prevent rust streaks.
- PVC coated fan guards won't rust or rattle.
- Generous coil surface gives proper compressor balance.
- High-efficiency aluminum fins with full collars cover mechanically expanded copper tubes.
- Sizes to match 3/4 though 3 H.P. condensing units.
- Coils dehydrated and sealed at the factory.
- Motors life-lubricated and thermally protected.
- Factory wired — ready to install.
- Easy to install and service — panels on ends quickly remove for complete access to refrigerant components and electrical terminal block — no need to drop fan panel/drain pan.
- Highest quality tubular heaters provide fast and economical defrost.
- Controls are mounted and wired to a terminal board.
- Quick disconnect, waterproof plug and receptacle for each motor.
- Options include timers, defrost control kits, and heat exchangers.



CENTER MOUNT ELECTRIC DEFROST UNIT COOLERS

SPECIFICATION DATA

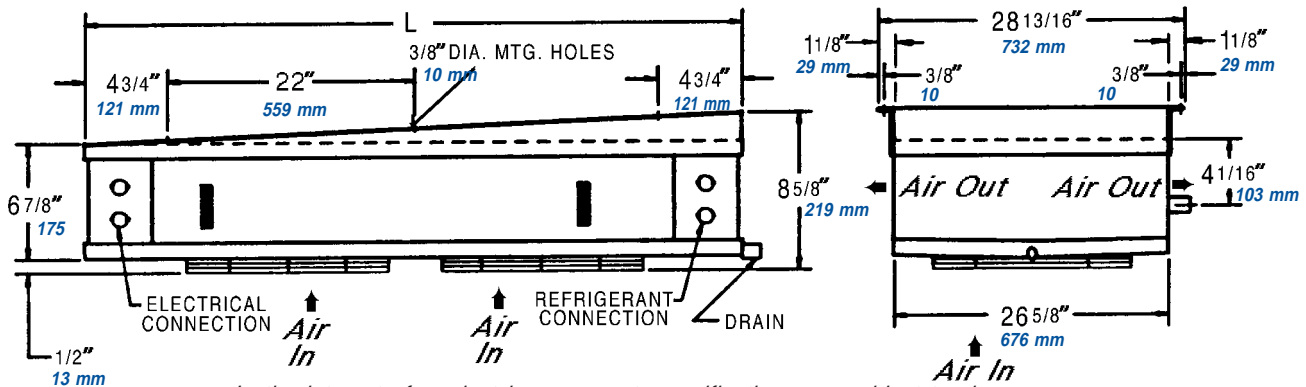
Model No.	Capacities BTUH/watts				Dimensions			Fans			Electrical Amps			Net Weight (Lbs.) kg.
	60 Hz.		50 Hz.		Length In. mm	Connections		No.	60 Hz.	50 Hz.	Motors		Heaters	
	10°F TD	12°F TD	6°C	7°C		Inlet OD In.	Suction OD In.		CFM m³/h	CFM m³/h	Shaded Pole	PSC		
ECM 040	4,000 <i>1,170</i>	4,800 <i>1,410</i>	3,680 <i>1,080</i>	4,420 <i>1,300</i>	31½ <i>800</i>	½	⅞	1	610 <i>1037</i>	550 <i>933</i>	1.1	0.4	5.3	90 <i>41</i>
ECM 054	5,400 <i>1,580</i>	6,480 <i>1,900</i>	4,970 <i>1,460</i>	5,960 <i>1,750</i>	53½ <i>1,359</i>	½	⅞	2	1300 <i>2210</i>	1170 <i>1989</i>	2.2	0.8	8.7	120 <i>54</i>
ECM 065	6,500 <i>1,900</i>	7,800 <i>2,280</i>	5,980 <i>1,750</i>	7,180 <i>2,100</i>	53½ <i>1,359</i>	½	⅞	2	1260 <i>2142</i>	1135 <i>1928</i>	2.2	0.8	8.7	120 <i>54</i>
ECM 090	9,000 <i>2,640</i>	10,800 <i>3,160</i>	8,280 <i>2,430</i>	9,940 <i>2,910</i>	75½ <i>1,918</i>	½	⅞	3	1950 <i>3315</i>	1755 <i>2983</i>	3.3	1.2	10.5	160 <i>73</i>
ECM 130	13,000 <i>3,800</i>	15,600 <i>4,570</i>	11,960 <i>3,500</i>	14,350 <i>4,200</i>	75½ <i>1,918</i>	½	⅞	3	1830 <i>3111</i>	1650 <i>2800</i>	3.3	1.2	15.7	174 <i>79</i>
ECM 174	17,400 <i>5,100</i>	20,880 <i>6,120</i>	16,010 <i>4,690</i>	19,210 <i>5,630</i>	97½ <i>2,477</i>	½	1⅛	4	2440 <i>4148</i>	2200 <i>3733</i>	4.4	1.6	20.9	218 <i>99</i>

Units suitable for operation on 208/230/1/60.

All units have ¼" OD external equalizer and ¾" F.P.T. drain connection.

*Mounting holes on 22 inch centers.

DIMENSIONS



CENTER MOUNT AIR DEFROST UNIT COOLERS

SPECIFICATION DATA

Model No.	Capacities BTUH/watts				Dimensions			Fans			Electrical Amps				Net Weight (Lbs.) kg.
	60 Hz.		50 Hz.		Length In. mm	Connections		No.	60 Hz.	50 Hz.	*60 Hz.		†50 Hz.		
	10°F TD	15°F TD	6°C	8°C		Inlet OD In.	Suction OD In.		CFM m³/h	CFM m³/h	115/1 Volts	230/1 Volts	110/1 Volts	220/1 Volts	
ACM052	5,200 <i>1,520</i>	7,800 <i>2,280</i>	4,780 <i>1,400</i>	7,180 <i>2,100</i>	31½ <i>800</i>	½	⅞	1	610 <i>1035</i>	550 <i>935</i>	2.1	1.1	0.8	0.4	42 <i>19</i>
ACM076	7,600 <i>2,230</i>	11,400 <i>3,340</i>	6,990 <i>2,050</i>	10,490 <i>3,070</i>	53½ <i>1,359</i>	½	⅞	2	1300 <i>2210</i>	1170 <i>1990</i>	4.2	2.2	1.7	0.8	64 <i>29</i>
ACM090	9,000 <i>2,640</i>	13,500 <i>3,950</i>	8,280 <i>2,425</i>	12,420 <i>3,640</i>	53½ <i>1,359</i>	½	⅞	2	1260 <i>2140</i>	1135 <i>1930</i>	4.2	2.2	1.7	0.8	70 <i>32</i>
ACM102	10,200 <i>2,990</i>	15,300 <i>4,480</i>	9,380 <i>2,747</i>	14,080 <i>4,120</i>	53½ <i>1,359</i>	½	⅞	2	1220 <i>2075</i>	1100 <i>1865</i>	4.2	2.2	1.7	0.8	83 <i>38</i>
ACM108	10,800 <i>3,160</i>	16,200 <i>4,750</i>	9,940 <i>2,910</i>	14,900 <i>4,370</i>	75½ <i>1,918</i>	½	⅞	3	1950 <i>3315</i>	1755 <i>2985</i>	6.3	3.3	2.5	1.2	105 <i>48</i>
ACM134	13,400 <i>3,930</i>	20,100 <i>5,890</i>	12,330 <i>3,610</i>	18,490 <i>5,420</i>	75½ <i>1,918</i>	½	⅞	3	1890 <i>3210</i>	1700 <i>2890</i>	6.3	3.3	2.5	1.2	117 <i>53</i>
ACM156	15,600 <i>4,570</i>	23,400 <i>6,850</i>	14,350 <i>4,200</i>	21,530 <i>6,310</i>	75½ <i>1,918</i>	½	⅞	3	1830 <i>3110</i>	1650 <i>2800</i>	6.3	3.3	2.5	1.2	123 <i>56</i>
ACM179	17,900 <i>5,240</i>	26,850 <i>7,870</i>	16,470 <i>4,820</i>	24,700 <i>7,230</i>	97½ <i>2,477</i>	½	1⅛	4	2520 <i>4285</i>	2270 <i>3855</i>	8.4	4.4	3.3	1.6	149 <i>68</i>
ACM208	20,800 <i>6,090</i>	31,200 <i>9,140</i>	19,140 <i>5,610</i>	28,700 <i>8,410</i>	97½ <i>2,477</i>	½	1⅛	4	2440 <i>4145</i>	2200 <i>3735</i>	8.4	4.4	3.3	1.6	164 <i>74</i>
ACM249	24,900 <i>7,290</i>	37,350 <i>10,940</i>	22,910 <i>6,710</i>	34,360 <i>10,060</i>	119½ <i>3,035</i>	½	1⅛	5	3050 <i>5185</i>	2745 <i>4665</i>	10.5	5.5	4.2	2.0	206 <i>94</i>

All units have ¼" OD external equalizer and ¾" F.P.T. drain connection.

* 60 Hz. units have shaded pole motors.

† 50 Hz. units have PSC motors.

