



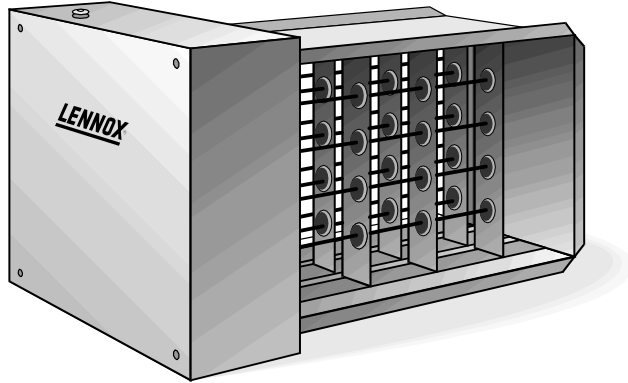
**ED8 SERIES
ELECTRIC DUCT HEATERS
1.6 to 18.0 kW**

ED8

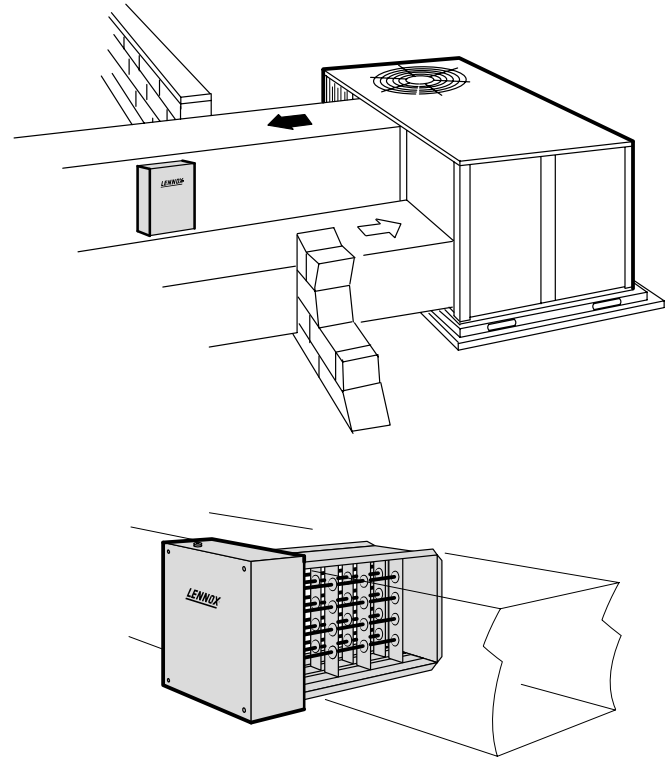
Bulletin #485022

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Supersedes May 1980



Typical Applications



FEATURES

Applications

- Compact design, easy to install.
- Install horizontally to supplement any forced air system.
- Ideal for zone control or to provide reheat in humidity control applications.
- Available in several kW sizes, single and three phase.
- Shipped completely assembled with controls factory installed and wired.

Approval

- C.S.A. certified.

Equipment Warranty

- All covered components have limited warranty for one year.
- Refer to the Lennox Equipment Limited Warranty certificate included with the equipment for details.

Controls

- 24 volt transformer, switching relays and limit controls are factory installed.

Cabinet

- Constructed of heavy gauge galvanized rolled steel.
- Designed to fit 8 x 14 in. (203 x 356 mm), 10 x 14 in. (254 x 356 mm), or 12 x 16 in. (305 x 406 mm) duct sizes.

Limit Controls

- Factory installed and accurately located.
- One automatic reset and one manual reset limit control
- Protects heating system from abnormal operating conditions.

OPTIONAL ACCESSORIES (Must Be Ordered Extra)

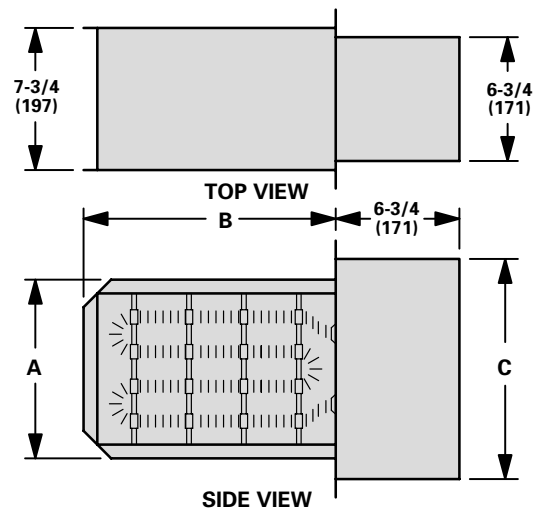
Thermostat (Optional)

- Heating thermostat is not furnished.
- See Lennox Price Book.

Air Proving Switch (Optional)

- Air proving switch is not furnished.
- See Lennox Price Book.

DIMENSIONS - in. (mm)



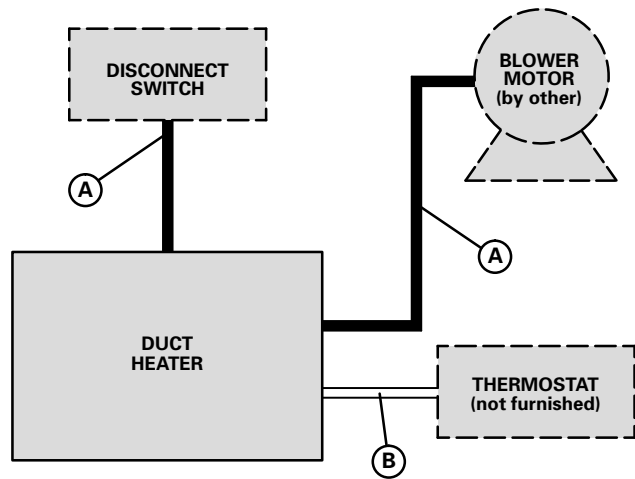
Model No.	A	B	C	Opening Size Required
ED8-814	7-3/4 (197)	13-3/4 (349)	10 (254)	8 x 8 (203 x 203)
ED8-1014	9-3/4 (248)	13-3/4 (349)	12 (305)	10 x 8 (254 x 203)
ED8-1216	11-3/4 (298)	15-3/4 (400)	14 (356)	12 x 8 (305 x 203)

ELECTRIC HEAT DATA

Model Number & Shipping Weight	Number of Steps	Phase	Volts Input	kW Input	† Btuh Output	† Minimum Circuit Ampacity
ED8-814-2 18 lbs. (8 kg)	1	1	208	1.6	5,440	8.0
			220	1.8	6,120	8.5
			240	2.0	6,800	9.0
ED8-814-4 18 lbs. (8 kg)	1	1	208	3.3	11,200	16.0
			220	3.6	12,200	16.5
			240	4.0	13,700	17.5
ED8-814-6 18 lbs. (8 kg)	1	1	208	4.9	16,700	24.0
			220	5.5	18,700	25.5
			240	6.0	20,450	26.5
ED8-1014-8 240v 19 lbs. (9 kg) 600v 21 lbs. (10 kg)	1	1	208	6.6	22,400	32.0
			220	7.3	24,800	33.5
			240	8.0	27,300	35.0
ED8-1014-10 240v 19 lbs. (9 kg) 600v 21 lbs. (10 kg)	1	1	208	8.0	27,300	22.5
			550	6.7	23,200	7.5
			600	8.0	27,300	8.0
ED8-1014-12 240v 19 lbs. (9 kg) 600v 21 lbs. (10 kg)	1	1	208	8.2	27,900	39.5
			220	9.1	30,900	41.5
			240	10.0	34,200	44.0
ED8-1014-10 240v 19 lbs. (9 kg) 600v 21 lbs. (10 kg)	3	3	208	10.0	34,200	28.0
			550	8.4	28,700	9.0
			600	10.0	34,200	10.0
ED8-1014-12 240v 19 lbs. (9 kg) 600v 21 lbs. (10 kg)	1	1	208	9.8	33,300	47.5
			220	10.9	37,100	50.0
			240	12.0	40,900	52.5
ED8-1014-12 240v 19 lbs. (9 kg) 600v 21 lbs. (10 kg)	3	3	208	12.0	40,900	33.5
			550	10.0	34,200	11.0
			600	12.0	40,900	12.0
ED8-1216-14 1 phase 21 lbs. (10 kg) 3 phase 26 lbs. (12 kg)	1	1	208	11.5	39,100	55.5
			220	12.8	43,500	58.5
			240	14.0	47,700	61.0
ED8-1216-14 1 phase 21 lbs. (10 kg) 3 phase 26 lbs. (12 kg)	3	3	208	14.0	47,700	39.0
			550	11.9	40,700	13.0
			600	14.0	47,700	14.0
ED8-1216-16 1 phase 21 lbs. (10 kg) 3 phase 26 lbs. (12 kg)	1	1	208	13.1	44,500	63.5
			220	14.6	49,600	66.5
			240	16.0	54,600	70.0
ED8-1216-16 1 phase 21 lbs. (10 kg) 3 phase 26 lbs. (12 kg)	3	3	208	16.0	54,600	45.0
			550	13.4	45,700	14.5
			600	16.0	54,600	15.5
ED8-1216-18 1 phase 21 lbs. (10 kg) 3 phase 26 lbs. (12 kg)	1	1	208	14.8	50,300	71.5
			220	16.4	55,800	75.0
			240	18.0	61,400	78.5
ED8-1216-18 1 phase 21 lbs. (10 kg) 3 phase 26 lbs. (12 kg)	3	3	208	18.0	61,400	50.5
			550	15.1	51,600	16.0
			600	18.0	61,400	17.5

† Refer to Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements. Use wires suitable for at least 167°F (75°C).

FIELD WIRING



A □ Two or Three wire power (not furnished)

B □ Two or three wire low voltage (not furnished)

NOTE □ All wiring must conform to CEC and local electrical codes.

MINIMUM AIR VELOCITY CHART

