INDOOR COMFORT PRODUCTS

Revolv® STYLECREST®

Revolv® E.B. Series Electric Furnaces

- Zero clearance feature allows the EBxxE series to be installed where space is at a premium
- Available in a wide range of heat capacities (10KW-23KW) to match the needs of any home
- Heating package includes specifically designed, long lasting nickel/chrome heat elements
- Accessory blower kit available for larger A/C and HP applications
- As defined by the U.S. Department of Energy, these furnaces are 100% efficient when used in specified applications
- Easily converted to upflow applications

Key Features

A *Universal throw-away filter cleans the air, and is easy to replace*

B *Built-in coil cabinet is design-matched to work in conjunction with Revolv® heat pumps and air conditioners, providing ease of installation and highly efficient operating performance*

C *Sound absorbing insulation for quieter operation*

D *Air conditioner and heat pump ready, all models have a multi-speed blower capable of handling cooling and heat pump loads*

E *Equipped with built-in circuit breakers instead of fuses*

F *Meets latest UL 1995 standards*

INDOOR COMFORT PRODUCTS

Revolv® E.B. Series Electric Furnaces

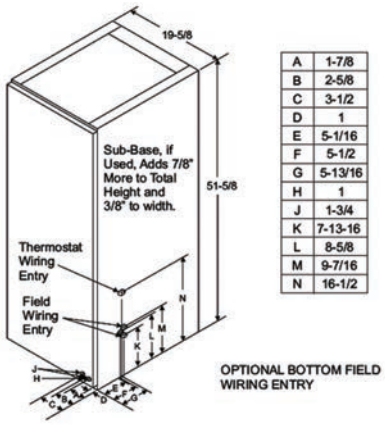
SUPPLY CIRCUIT WIRE SIZES - 240 VOLT, 60 CYCLE, SINGLE PHASE - FROM N.E.C. TABLE 310-16

MODELS	EB23E		EB20E		EB17E		EB15E		EB12E		EB10E	
Single Branch Circuit Service	2 Leads +1 Ground CKT #1		2 Leads +1 Ground CKT #1		2 Leads + 1 Ground CKT #1		2 Leads+ 1 Ground CKT #1		2 Leads +1Ground CKT #1		2 Leads+1Ground CKT #1	
Nominal Circuit Load - AMPS	94.0		84.0		70.7		64.1		50.7		44.0	
Minimum Wire Size (90ºC)	#2		#3		#4		#4		#6		#8	
Minimum Wire Size (75ºC)	#1		#2		#3		#4		#6		#6	
Minimum Wire Size (60ºC)	#0		#1		#2		#3		#4		#6	
Ground Wire Size	#6		#6		#8		#8		#8		#10	
Max. Fuse (or C.B.) - AMPS	125		110		90		90		70		60	
Dual Branch Circuit Service	4 Leads +2 Ground		4 Leads +2 Ground		4 Leads +2 Ground		4 Leads +2 Ground					
	CKT #1	CKT #2	CKT #1	CKT #2	CKT #1	CKT #2	CKT #1	CKT #2				
Branch Circuit Load - AMPS	47.3	46.7	44.0	40.0	47.3	23.4	44.0	20.1				
Branch Circuit Min. Ampacity	59.2	58.4	55.0	50.0	59.2	29.3	55.0	25.2				
Minimum Wire Size (90ºC)	#6	#6	#8	#8	#6	#10	#8	#10				
Minimum Wire Size (75ºC)	#6	#6	#6	#8	#6	#10	#6	#10				
Minimum Wire Size (60ºC)	#4	#4	#6	#6	#4	#10	#6	#10				
Ground Wire Size †	#10	#10	#10	#10	#10	#10	#10	#10				
Max. Fuse (or C.B.) - AMPS	60	60	60	50	60	30	60	30				

NOT APPROVED

* Requires Jumper Bars (P/N 3500-378P) - Dual Supply for U.S. Only

† Refer to N.E.C. Table 250-95 for non-sheated conductor ground wire.

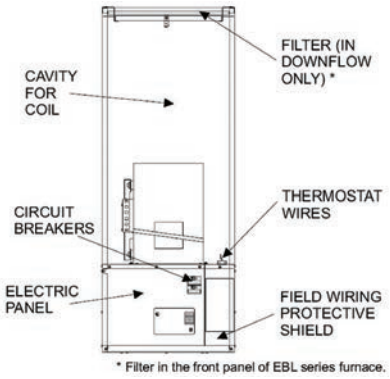


A	1-7/8
B	2-5/8
C	3-1/2
D	1
E	5-1/16
F	5-1/2
G	5-13/16
H	1
J	1-3/4
K	7-13-16
L	8-5/8
M	9-7/16
N	16-1/2

ELECTRICAL DATA

MODEL NUMBER			EB23E	EB20E	EB17E	EB15E	EB12E	EB10E
D.O.E. OUTPUT CAPACITY	240 VAC 60 Hz. 1 PHASE	BTU	77,000	67,000	56,000	51,000	39,000	34,000
		KW	22.6	19.6	16.4	15.0	11.4	10.0
OUTPUT CAPACITY	230 VAC. 60Hz. 1 PHASE	BTU	71,000	61,000	52,000	47,000	36,000	31,000
		KW	20.8	17.9	15.2	13.8	10.6	9.1
	220 VAC 60Hz. 1 PHASE	BTU	65,000	57,000	48,000	43,000	33,000	29,000
		KW	19.1	16.7	14.1	12.6	9.7	8.5
ELEMENT CAPACITY @ 240 VAC		KW	21.6	19.2	16.0	14.4	11.2	9.6
		AMPS	90.0	80.0	66.7	60.0	46.7	40.0
MOTOR AMPS @ 240V, 4.0 MAXIMUM								
CIRCUIT LOAD AMPS @ 240 V		CKT 1	47.3	44.0	47.3	44.0	50.7*	44.0*
		CKT 2	46.7	40.0	23.4	20.0	--	--
FILTER SIZE 16 x 20 x 1								
SHIPPING WEIGHTS			86	84	86	85	84	83

*Approved for Single Branch Circuit Service Only. Casing or Cabinet must be grounded in accordance with N.E.C. or other applicable codes.



* Filter in the front panel of EBL series furnace.

EB SERIES BLOWER PERFORMANCE

Static Pressure (Inches of WC)		.0	.1	.2	.3	.4	.5	.6	.7	.8
Low Speed Heating Speed Models EB10, 12, 15	CFM (STD. Air)	945	936	936	924	915	889	870	813	705
Medium Speed Heating Speed Models EB17, 20, 23	CFM (STD. Air)	1160	1145	1145	1140	1129	1109	1073	1027	935
Medium High with A-Coil in place	CFM (STD. Air)	1340	1317	1290	1252	1208	1158	1095	1021	876
High with A-Coil in place	CFM (STD. Air)	1573	1534	1490	1435	1369	1309	1237	1135	1019

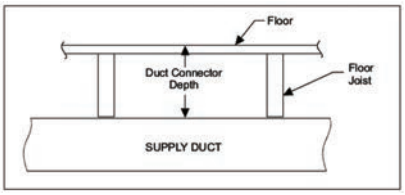
DUCT CONNECTOR FOR ELECTRIC FURNACES

FLOOR TO DUCT DIMENSIONS	FINGERED STYLE	SCREW TAB STYLE
1″	7990-6211	7990-6011
2″	7990-6221	7990-6021
3″	↑↓	↑↓
4″	7990-6241	7990-6041
5″	↑↓	↑↓
6″	7990-6261	7990-6061
7″	7990-6271	7990-6071
8″	7990-6281	7990-6081
9″	↑↓	↑↓
10″	7990-6301	7990-6101
11″	↑↓	↑↓
12″	7990-6321	7990-6121
13″	↑↑	↑↑

↑↓ Indicates connector above or below could be used depending on tolerance in floor to duct dimension.

↑↑ Indicates connector above could be used depending on tolerance in floor to duct dimension.

↓↓ Indicates connector below could be used depending on tolerance in floor to duct dimension.



Style Crest®, Inc.
2450 Enterprise St.
Fremont, Ohio 43420
800.945.4440
www.stylecrestinc.com

Printed in U.S.A. Product availability and specifications subject to change without notice.