

Replacement Parts

Applies to: **Model F** and **Model FE**
Fan-Type, Gas-fired
Unit Heaters and
Model B and Model BE
Blower-Type, Gas-fired
Unit Heaters

IMPORTANT

1. Always include complete heater model and serial number so that any specification change can be considered for parts shipment. It can save time and expense.
2. Specifications are subject to change without notice.
3. We reserve the right to substitute functional replacements
4. Order by Part Number. Do not order by Option Number.

Model F, Fan-Type, Gravity Vent



Model B, Blower-Type, Gravity Vent



*Model FE, Fan-Type, Power Vent



*Model BE, Blower-Type, Power Vent



*Models FE and BE are no longer manufactured.

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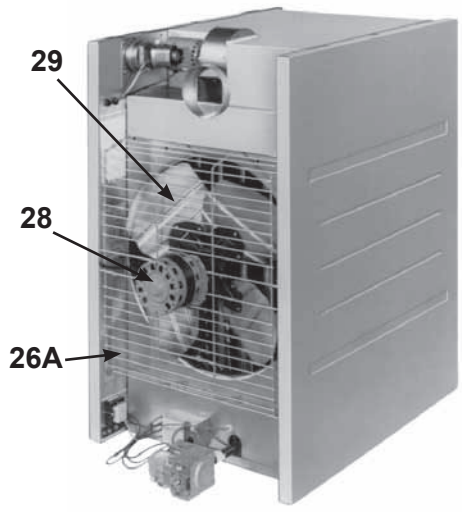
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Fan Components -- Models F and FE

Code	Description	Size											
		25	50	75	100	125	130	165	200	250	300	400	
26A	Full Fan Guard (See "Fan Guard Replacement" below.)	110907		110908	110910	132363	110910	136209 (replaces 110911)	110912	176647 (replaces 131404 and 110914)		176648 (replaces 110915 & 131405)	
26B	Fan Guard Plate (2)	--	--	--	--	133977	--	133978	--	176151		176152	
26C	Fan Guard Hardware	(4) 96450 screws w/washers					--	(4) 96450	--	(4) 96450	(8) 113275, #10-32 1/2" lg hex head		
26D	Fan Guard Isolator Assy (4)	--	--	--	--	96451	--	96451	--	96451			
26E	Washer for Code 26D (4)	--	--	--	--	96452	--	96452	--	96452			
27	Motor Adapter Plate	--	--	--	--	96452	--	96452	--	176523			
28	Fan Motor, 115/1/60, Open (NOTE: Replacement 208/230/1/60 fan motor is no longer available.)	WB-31737	WB-31738	WB-31739	WB-31723		WB-31722 1/20HP		WB-31721 1/6HP	1/4HP WB-31720	WB-30538 1/2HP		
	Fan Motor, 115/1/60, Enclosed	WB-31737	WB-30018			102380 1/8HP			102381 1/6HP	WB-30423		--	
	Fan Motor, 230/1/50 Hertz (Opt AK11) Model F only	112675			121277					172794 Assy including motor P/N 155063			
	Fan Motor, .018HP, 115/1, School Option (Opt AL2B) for Model F50 only	--	174403	--	--	--	--	--	--	--	--	--	
29	Fan Blades (For proper shaft placement, see Fan Motor Spacing Table below.)	132465 (replaces 96377)	129853 (replaces 96378)	96379	41004	131970	104692 (replaces 48692)	96380	96381	96382	96383	96384	
	Fan Blades, 5/16" bore, 10" dia, 5 blades, 34o pitch, School Option (Opt AL2B) for Model F50 only	--	129853	--	--	--	--	--	--	--	--	--	



Model FE illustrating one-piece Fan Guard



Fan Motor Spacing

Size	Electrical Supply	Fan Blade P/N	Set Screw Torque In-Lbs	"A" Hub to Motor Spacing
25	60 Hz	132465	80 ±10	1-1/4"
	50 Hz*			3-1/4"
50	60 Hz	129853	80 ±10	3/8"
	50 Hz*			3-1/4"
75	60 Hz	96379	80 ±10	1/8"
	50 Hz*			3-1/4"
100	50* or 60 Hz	41004	120 ±10	2-1/2"
125		131970		
130		104692		
165		96380	150 ±10	
200		96381		
250		96382		
300		96383		
400	96384			

*Only gravity-vented F models are available with 50 Hz.

Model	Date of Manufacture	Standard Fan Guard	Was available as an Option
F	4/88 - 10/90	Lower Half only	Upper Half
	After 10/90	One-Piece Full Fan Guard	None
FE	4/88 - 10/89	Lower Half only	Upper Half
	10/89 - 10/90	Both Upper and Lower Halves	None
	After 10/90	One-Piece Full Fan Guard	None

Fan Guard Replacement - The upper and lower fan guard halves are no longer available. If adding an "upper half" or replacing a fan guard, it is necessary to install the full fan guard (Code 26A). To make this replacement, follow these instructions.

1. If the heater is installed, turn off the gas and disconnect the electric power.
2. Remove the left outer side panel (left when facing the rear of the unit). Disconnect the fan motor wires.
3. If present, remove the tension-mounted upper half fan guard.
4. Remove the four screws for attaching the fan guard. Remove the lower half fan guard, the motor, and the fan blade.
5. Assemble the new full fan guard, the motor and the fan blade. To Assure proper grounding of the motor, it is important that the same hardware be used for attaching the motor to the fan guard as was used with the original guard. Check fan blade position on the shaft; see illustration below and Table left. Position the assembly on the heater.

Attach the fan guard at the center mounts using the screws that held the old fan guard. (It is important that you use these specially designed screws because they will cut through the coating on the fan guard to provide a ground for the fan motor.)

6. Rotate the fan blade to check for adequate clearance. If adjustment is required, loosen the mounting screws, re-position the fan guard, and tighten the screws. Rotate the fan blade and re-check for adequate clearance. Repeat this procedure until the assembly is positioned properly.
7. Drill the required upper and lower mounting holes. Attach the new fan guard at all upper and lower mounting points using field-supplied sheetmetal screws.
8. Reconnect the fan motor wires and replace the outer side panel.
9. Restore power to the heater and turn on the gas. Light, following the instructions on the lighting instruction plate. Check for proper operation.

