

JEF

PRODUCT LINE

JEF - Jeremias Exhaust Fans



DESCRIPTION

The JEF high temperature fan maintains the required negative pressure for a high temperature chimney, flue, and grease duct applications up to 2100 CFM. The JEF housing and impeller is constructed of 316L stainless steel, which helps prevent corrosion from the elements. The tool-less clamp and hinge provides easy access to the impeller for routine maintenance and cleaning.

The JEF is available with three controllers. The universal Fan Speed Controller (FSC) can set the speed of the JEF based upon current conditions to maintain proper draft. The MUC Controller can also control a mechanical damper and is wired with alarm contacts. With the optional H100 Controller, the fan speed is automatically modulated to maintain a constant negative pressure in the flue as accurate as 0.01" W.C.



APPLICATIONS

- All gas and solid fuel burning cooking appliances
- All gas and solid fuel burning fireplaces
- All gas, liquid, and solid fuel domestic heating appliances

LISTINGS & RATINGS

- UL378, Standard for Draft Equipment, rated up to 1000°F continuous and 1,400°F abnormal
- UL705, Standard for Power Venter
- UL762, Standard for Power Roof Ventilators, for restaurant exhaust applications

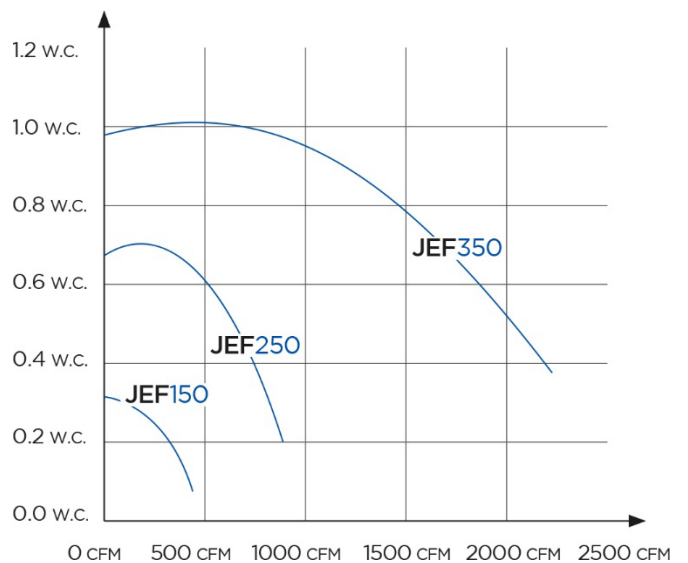
FUNCTION

Maintains the required draft for fireplaces, cooking appliances, and domestic heating appliances when used with the FSC Fan Speed Controller, MUC Controller, or H100 Controller.

CONSTRUCTION

- 316L stainless steel housing and fan impeller
- Tool-less hinge and clamp for easy cleaning and maintenance
- Permanent split capacitor motor protected from the flue gas

JEF FAN CURVES



TECHNICAL DATA SHEET

JEREMIAS EXHAUST FANS



JEF



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SPECIFICATIONS

MODEL NUMBER	WIDTH (in)	HEIGHT (in)	WEIGHT (lbs)	CAPACITY	POWER SUPPLY	AMPS
JEF150	12.5"	16"	28 lbs	450 CFM	120VAC, 1 PH, 60Hz	1.0 A
JEF250	12.5"	16"	30 lbs	900 CFM	120VAC, 1 PH, 60Hz	1.6 A
JEF350	16.5"	17.5"	54 lbs	2100 CFM	120VAC, 1 PH, 60Hz	3.7 A

SIZING CHARTS

WOOD FIREPLACE											
DIAMETER (in.)	AREA (sq. in.)										
	550	750	950	1250	1500	2000	2500	3000	3500	4000	
6	JEF150	JEF150	NR	NR	NR	NR	NR	NR	NR	NR	
8	JEF150	JEF150	JEF250	JEF250	JEF250	NR	NR	NR	NR	NR	
10	JEF150	JEF150	JEF250	JEF250	JEF250	JEF350	JEF350	JEF350	NR	NR	
12	JEF150	JEF150	JEF250	JEF250	JEF250	JEF350	JEF350	JEF350	JEF350	JEF350	
14			JEF250	JEF250	JEF250	JEF350	JEF350	JEF350	JEF350	JEF350	
16			JEF250	JEF250	JEF250	JEF350	JEF350	JEF350	JEF350	JEF350	
18				JEF250	JEF250	JEF350	JEF350	JEF350	JEF350	JEF350	
20					JEF250	JEF350	JEF350	JEF350	JEF350	JEF350	
22						JEF350	JEF350	JEF350	JEF350	JEF350	
24							JEF350	JEF350	JEF350	JEF350	

OVEN	
Fan Selection	Outlet Diameter
JEF150	4
	5
	6
JEF250	6
	8
	10
JEF350	12
	14
	16

GAS FIREPLACE											
DIAMETER (in.)	AREA (sq. in.)										
	650	850	1200	1550	1850	2150	2650	3150	3750	4500	
6	JEF150	JEF150	JEF250	NR	NR	NR	NR	NR	NR	NR	
8	JEF150	JEF150	JEF150	JEF250	JEF250	NR	NR	NR	NR	NR	
10	JEF150	JEF150	JEF150	JEF250	JEF250	JEF350	JEF350	JEF350	NR	NR	
12			JEF150	JEF250	JEF250	JEF350	JEF350	JEF350	JEF350	JEF350	
14				JEF250	JEF250	JEF350	JEF350	JEF350	JEF350	JEF350	
16					JEF250	JEF350	JEF350	JEF350	JEF350	JEF350	
18								JEF350	JEF350	JEF350	
20								JEF350	JEF350	JEF350	
22									JEF350	JEF350	
24										JEF350	

NR Not Recommended
Consult Manufacturer

