

**FED-50****Standard Features:**

- 50- lb Capacity
- 150,000 Btu/hr heat input, 750 cfm airflow
- Radial airflow
- Self-diagnostic microprocessor
- Easy-to-clean lint filter
- Fit through standard 36" door
- Available in gas, steam and electric heat

Optional Features:

- S.A.F.E. (Sensor Activated Fire Extinguishing System)

Why Purchase FED-50?**A Design Built to Last**

The bearings are permanently lubricated on the motor and drive system. There are no chain used; rather, a V-belts and pulleys is used for smooth, quiet operation.

Steel Door With Gasketless Door Glass

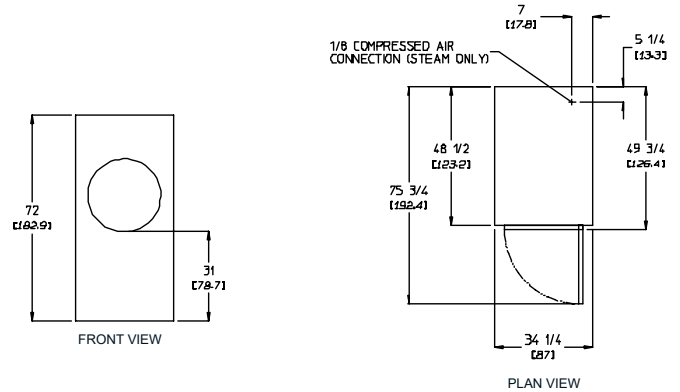
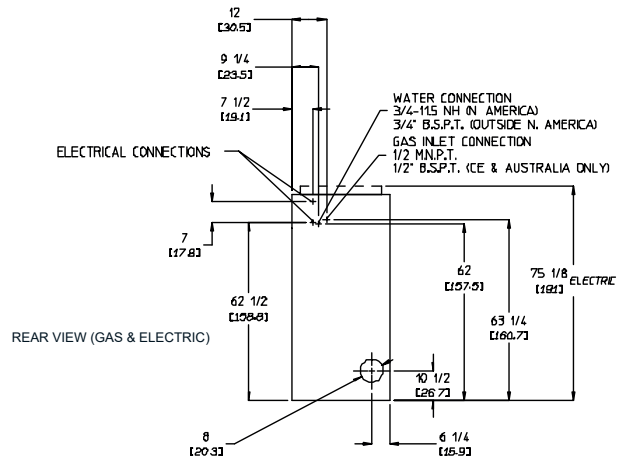
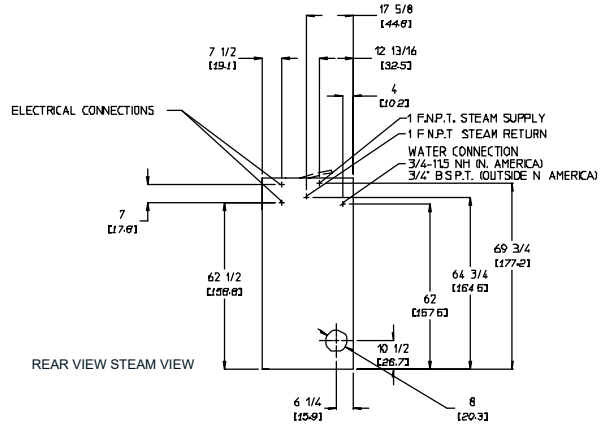
The doors is one solid piece of steel with gasketless glass. This type of construction eliminates the wear and tear on rubber gaskets.

Multilingual Control Microprocessor

A design, easy-to-read LED screens and our user friendly multilingual interface positions our dryers as one of the leaders in the laundry industry.

FED-50 Specifications

Tumbler Capacity (dry weight)	50 lb	22.68 kg	
Tumble Diameter	32-3/4"	83.19 cm	
Tumble Depth	37-1/2"	95.25 cm	
Tumble Volume	18.30 cu.ft	518.20 L	
Tumble/Drive Motor (non-reversing/reversing)*	3/4 hp / 1/2 hp*	0.56/0.37 Kw	
Blower/Fan Motor (non-reversing/reversing)	-- / 1/2 hp*	--/0.37 KW	
Door Opening (Diameter)	21-1/2"	54.61 cm	
Door Sill Height	33-1/8"	84.15 cm	
S.A.F.E. Water Connection	3/4" - 11.5 NH (North America) 3/4" - B.S.P.T (Outside North America)		
Width	34-1/4"	87 cm	
Depth	49-3/4"	126.4 cm	
Height	72"	182.9 cm	
Dryers per 20'/40' Container	10/20		
Dryers per 48'/53' Container	24/26		
Airflow gas/electri/steam	50 Hz	750 cfm	21.24 cmm
	60 Hz	625 cfm	17.70 cmm
Exhaust Connection (Diameter)	8"	20.32 cm	
Gas Model			
Approximate Net Weight	651 lb	295.29 kg	
Approximate Shipping Weight	700 lb	317.51 kg	
Heat Input	150,000 Btu/hr	37,799 kcal/hr	
Inlet Pipe Connection	1/2" M.N.P.T.** 1/2" B.S.P.T. (CE and Australia Only)		
Electrical Model			
Approximate Net Weight	651 lb	295.29 kg	
Approximate Shipping Weight	700 lb	317.51 kg	
Oven Size	KW	Btu/hr	Kcal/hr
	20	68,200	17,200
	24	81,900	20,600
	30	102,400	25,800
Steam Model ***			
Approximate Net Weight	683 lb	309.80 kg	
Approximate Shipping Weight	733 lb	332.48 kg	
Steam Consumption	142 lb/hr	64.41 kg/hr	
Operating Steam Pressure	125 psi max	8.62 bar	
Boiler Horsepower (Normal Load)	4.1 Bhp		
Supply Connection	1" F.N.P.T. **		
Return Connection	1" F.N.P.T. **		



Specifications in parentheses are metric equivalents.

* Reversing dryers use 3-phase (3ø) motors.

** Size of piping to dryer varies with installation conditions. Contact factory for assistance.

*** Specify air-operated or electromechanical steam damper system. Air-operated steam damper system must be provided with clean, dry, and regulated 80 psi +/- 10 psi (5.51 bar +/- 0.69 bar) air supply.

Electrical Service Specifications					Electrical Service Specifications					Electrical Service Specifications														
SERVICE VOLTAGE	PHASE	WIRE SERVICE	APPROX AMP DRAW		CIRCUIT BREAKER	SERVICE VOLTAGE	PHASE	WIRE SERVICE	APPROX AMP DRAW		CIRCUIT BREAKER	SERVICE VOLTAGE	PHASE	WIRE SERVICE	APPROX AMP DRAW		CIRCUIT BREAKER							
			60 Hz	50 Hz					60 Hz	50 Hz					60 Hz	50 Hz		60 Hz	50 Hz					
GAS & STEAM					GAS & STEAM					30 kW Electric					20 kW Electric									
1001	ø2		12.3-	-2	0	2083	ø3		3.0-	-1	5	208	3ø	39	0-	-	125	2081	ø2		103-	-1	50	
1201	ø2		12.0-	-2	0	2203	ø3		3.8-	-1	5	220	3ø	38	68	4	125	2201	ø2		96	--	125	
2081	ø2		7.1-	-1	5	2303	ø3		--	3.61	5	2303	ø	37	98	0	100	2301	ø2		93	92	125	
2201	ø2		7.05	.3	15	2403	ø3		3.2-	-1	5	2403	ø	37	9-	-	100	2401	ø2		90	--	125	
2301	ø2	*	-4	.9	15	3803	ø4	*	-2	.2	15	3803	ø	4*	--	48	60	24 kW Electric						
240	1ø	26	.5	4.21	5	4163	ø4	*		2.3	15	4163	ø	4*	--	47	60	2083	ø3		74	--	100	
						4603	ø4	*			15	4603	ø	34	2-	-6	0	2203	ø3		70	--	90	
						4163	ø4	*			15	4603	ø	34	0-	-5	0	2303	ø3		--	--	65	80
						4603	ø	32	.1		15	4803	ø	33	8-	-5	0	2403	ø3		64	--	80	
						4803	ø3		2.1-	-1	5	4603	ø	34	0-	-5	0	3803	ø4	14	34	26	0	
											15	4803	ø	33	8-	-5	0	416	3ø	4*	--	--	38	50
											15	5753	ø	33	2-	-4	0	480	3ø	3	31	--	40	
											15	6003	ø	33	1-	-4	0							