



FED-170

Standard Features:

- 170- lb Capacity
- 550,000 Btu/hr heat input, 3,700 cfm airflow
- Radial airflow
- Self-diagnostic microprocessor
- Easy-to-clean lint filter
- 51.20 cu.ft. basket volume
- Available in gas, steam and electric heat

Optional Features:

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

Why Purchase FED-170?

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-170 Specifications

Tumbler Capacity (dry weight)	170 lb	77.11 kg
Tumble Diameter	51-1/2"	130.81 cm
Tumble Depth	42-1/2"	107.95 cm
Tumble Volume	51.20 cu.ft	1,449.82 L
Tumble/Drive Motor	1 hp	0.75 Kw
Blower/Fan Motor	7-1/2 hp	5.59 KW
Door Opening (Diameter)	31-3/8"	79.69 cm
Door Sill Height	33-3/8"	84.77 cm
S.A.F.E. Water Connection	3/4" - 11.5 NH (North America) 3/4" - B.S.P.T. (Outside North America)	
Dryers per 20'/40' Container	3/7	
Dryers per 48'/53' Container	8/9	
Width	55-7/8"	149.5 cm
Depth	62-1/2"	158.7 cm

Gas Model

Voltage Available	208-575V 3ø 3,4w 50/60Hz	
Approximate Net Weight	2,103 lb	953.90 kg
Approximate Shipping Weight	2,269	1,029.20 kg
Airflow	60 Hz	3,700 cfm
	50 Hz	3,700 cfm
Heat Input	550,000 Btu/hr	138,598kcal/hr
Exhaust Connection (Diameter)	18"	45.72 cm
Compressed Air Connection	1/4" Quick Connection	
Compressed Air Volume	4.25 cfh (0.12 cmh)	
Inlet Pipe Connection	1-1/2" M.N.P.T. 1-1/2" F.B.S.P.T. (CE and Australia Only)	

Electrical Model

Voltage Available	380-480V 3ø 3,4w 50/60Hz	
Approximate Net Weight	2,103 lb	953.90 kg
Approximate Shipping Weight	2,269 lb	1,029.20 kg
Airflow	60 Hz	3,700 cfm
	50 Hz	3,700 cfm
Exhaust Connection (Diameter)	18"	45.72 cm
Compressed Air Connection	1/4" Quick Connection	
Compressed Air Volume	4.25 cfh (0.12 cmh)	
Oven Size	KW	Btu/hr
	126	429,900
		108,300

Steam Model

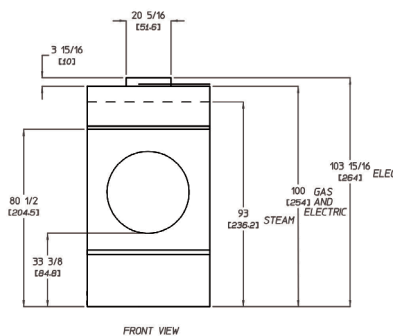
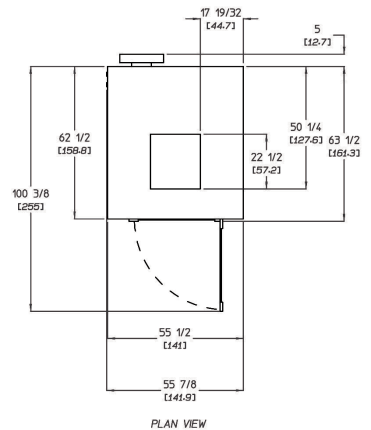
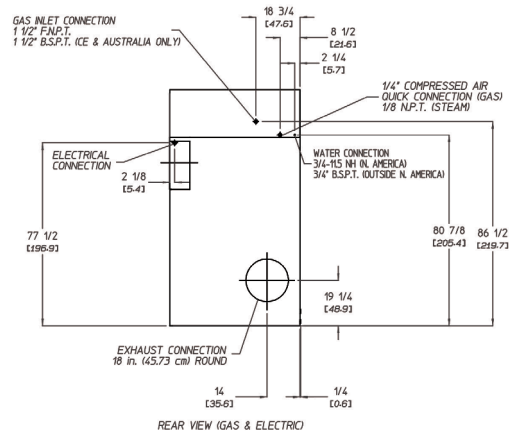
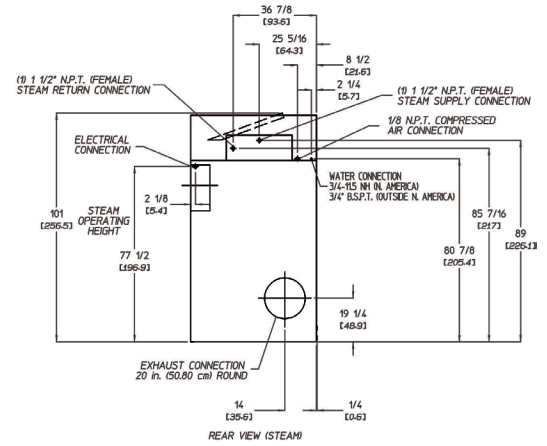
Voltage Available	208-480V 3ø 3,4w 50/60Hz	
Approximate Net Weight	2,259 lb	1,024.67 kg
Approximate Shipping Weight	2,425 lb	1,099.96 kg
Airflow	60 Hz	4,400 cfm
	50 Hz	4,400 cfm
Steam Consumption	520 lb/hr	236 kg/hr
Operating Steam Pressure	125 psi max (8.62 bar)	
Exhaust Connection (Diameter)	20"	50.80 cm
Compressed Air Connection**	1/8" F.N.P.T.	
Compressed Air Volume**	5.00 cfh (0.14 cmh)	
Boiler HP (Normal Load)	14.5 Bhp	
Standard Supply Connections †	(1) 1-1/2" M.N.P.T.	
Standard Return Connections †	(1) 1-1/2" M.N.P.T.	

Specifications in parentheses are metric equivalents.

IMPORTANT: Dryer requires a clean, dry and regulated 80 PSI +/- 10 PSI (5.51 bar +/- 0.68 bar) air supply.

** Air-operated steam damper system requires a clean, dry, and regulated 80 psi +/- 10 psi (5.51 bar +/- 0.69 bar) air supply.

† Optional steam coil connections differ. Refer to installation manual.



Electrical Service Specifications					
Service Voltage	Phase	Wire Service	Approx. Amp Draw		Circuit Breaker
			60 Hz	50 Hz	
126 kW Nominal)Electric					
380	3ø	4*	105	176	250
416	3ø	4*	--	191	250
440	3ø	3	152	--	200
460	3ø	3	159	--	200
480	3ø	3	166	--	225
575	3ø	3	102	--	150

Electrical Service Specifications

Service Voltage	Phase	Wire Service	Approx. Amp Draw		Circuit Breaker
			60 Hz	50 Hz	
GAS & STEAM					
208	3ø	3	29	--	40
220	3ø	3	28	28	40
230	3ø	3	27	32	40
240	3ø	3	27	--	40
380	3ø	3	17	17	30
400	3ø	4*	--	17	30
416	3ø	4*	--	16	20
440	3ø	3	15	--	20
460	3ø	3	14	--	20
480	3ø	3	14	--	20
575	3ø	3	18	--	30