

**FD-50 Plus****Standard Features:**

Construction painted gray panels.

Big loading door (opening of 180°).

Spark ignition systems.

Front suspension by 2 strong and high-resistant wheel.

Inverter drive system.

Self-cleaning lint screen.

Models available in electric, gas or steam heating.

REVERSE ACTION: All models offer the reverse turning of the drum.

Axial airflow.

COOL DOWN: Anti-wrinkle at the end of cycle.

Optional Features for Plus Models:

Integrated fire extinguishing system (S.A.F.E.).

Stainless steel drum.

Double pane glass door.

Stainless steel front panel.

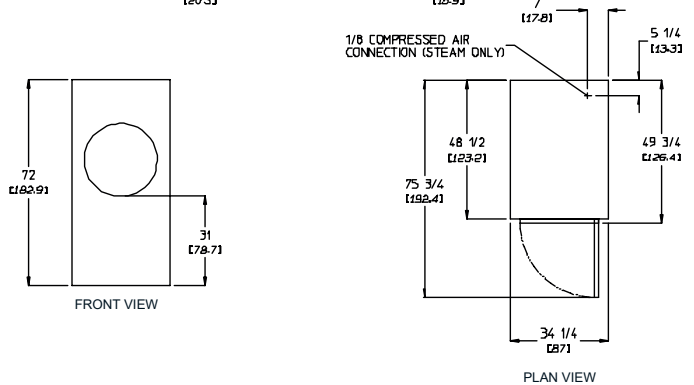
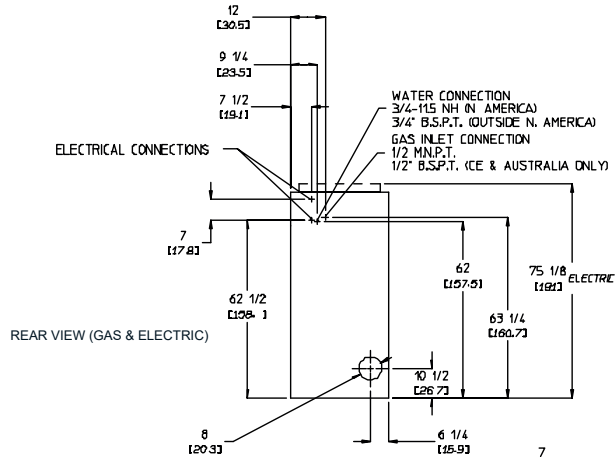
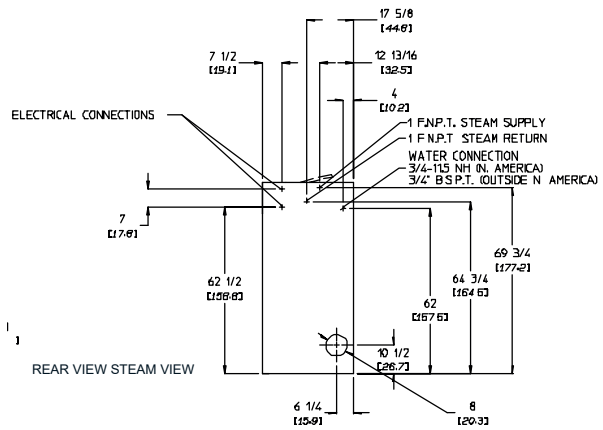
FD-50 Specifications		
Maximun Capacity	50 lb	22.68 kg
Tumble Diameter	32-3/4"	83.19 cm
Tumble Depth	37-1/2"	95.25 cm
Tumble Volume	18.30 cu.ft	518.20 L
Tumble/Drive Motor (non-reversing/reversing)	3/4 hp / 1/2 hp*	0.56 KW / 0.37 KW
Blower/Fan Motor (non-reversing/reversing)	-- / 1/2 hp*	-- / 0.37 KW
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)	
Dryers per 20"/40" Container	10/20	
Dryers per 48"/53" Container	24/26	
Width	34-1/4"	87 cm
Depth	49-3/4"	126.4 cm
Height	72"	182.9 cm
Airflow gas/electric/steam	50 Hz	625 cfm
	60 Hz	750 cfm
Exhaust Connection (Diameter)	8"	20.32 cm
Gas		
Approximate Net Weight	651 lb	292.29 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)	
Electric		
Approximate Net Weight	651 lb	295.29 kg
Approximate Shipping Weight	700 lb	317.51 kg
Oven Size	KW	Btu/hr
	20	68,200
	24	81,900
Oven Size	Kcal/hr	
	17,200	
	20,600	
30	102,400	25,800
Steam		
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
Operation Steam Pressure	125 psi max	8.62 bar
Boiler HP (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 the 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					
SERVICE VOLTAGE	PHASE	WIRE SERVICE	APPROX AMP DRAW		CIRCUIT BREAKER
			60 Hz	50 Hz	
30 kW Electric					
208	3Ø	39	0-	-	125
220	3Ø	38	68	4	125
2303	Ø	37	98	0	100
2403	Ø	37	9-	-	100
3803	Ø	4*	52	51	70
4003	Ø	4*	--	48	60
4163	Ø	4*	--	47	60
4403	Ø	34	2-	-6	0
4603	Ø	34	0-	-5	0
4803	Ø	33	8-	-5	0
5753	Ø	33	2-	-4	0
6003	Ø	33	1-	-4	0
20 kW Electric					
2081	Ø2		103-	-1	50
2201	Ø2		96	--	125
2301	Ø2		93	92	125
2401	Ø2		90	--	125
24 kW Electric					
2083	Ø3		74	--	100
2203	Ø3		70	--	90
2303	Ø3		--	65	80
2403	Ø3		64	--	80
3803	Ø4	*4	34	26	0
416	3Ø	4*	--	38	50
480	3Ø	3	31	--	40

Electrical Service Specifications					
SERVICE VOLTAGE	PHASE	WIRE SERVICE	APPROX AMP DRAW		CIRCUIT BREAKER
			60 Hz	50 Hz	
GAS & STEAM					
1001	Ø2		12.3-	-2	0
1201	Ø2		12.0-	-2	0
2081	Ø2		7.1-	-1	5
2201	Ø2		7.05	.3	15
2301	Ø2	*-	-4	.9	15
240	1Ø	26	.5	4.21	5

Electrical Service Specifications					
SERVICE VOLTAGE	PHASE	WIRE SERVICE	APPROX AMP DRAW		CIRCUIT BREAKER
			60 Hz	50 Hz	
GAS & STEAM					
2083	Ø3		3.0-	-1	5
2203	Ø3		3.8-	-1	5
2303	Ø3		--	3.61	5
2403	Ø3		3.2-	-1	5
3803	Ø4	*-	-2	.2	15
4003	Ø4	*		2.2	15
4163	Ø4	*		2.3	15
4603	Ø	32	.1		15
4803	Ø3		2.1-	-1	5