



PREMIER-SERIES DRYERS

CUSTOMIZABLE • THREE SIZES • DURABLE



SPECIFICATIONS	M-50p	M-80p	M-120p
Maximum Capacity (dry weight)	50 lb (23 kg)	80 lb (36 kg)	120 lb (54 kg)
Tumbler Diameter	32.75" (83.18 cm)	37" (93.98 cm)	42" (106.68 cm)
Tumbler Depth	37.5" (95.25 cm)	35.438" (90.01 cm)	44.25" (112.39 cm)
Tumbler Volume	18.3 cu ft (518.19 L)	22.05 cu ft (624.39 L)	35.5 cu ft (1005.25 L)
Tumbler / Drive Motor	1 hp (0.75 kW)	1 hp (0.74 kW)	2 hp (1.49 kW)
Blower / Fan Motor*	0.75 hp (0.56 kW)	0.75 hp (0.56 kW)	1 hp / 3 hp (0.75 kW / 2.24 kW)
Cabinet Width	34.5" (87.63 cm)	39" (99.06 cm)	44.875" (113.98 cm)
Cabinet Depth	49.375" (125.41 cm)	52.375" (133.03 cm)	61.375" (155.89 cm)
Cabinet Height	73.625" (187.1 cm)	77.875" (197.80 cm)	88.875" (225.74 cm)
Door Opening (diameter)	27" (68.58 cm)	31.375" (79.69 cm)	31.375" (79.69 cm)
Door Sill Height	29.125" (74 cm)	29" (73.66 cm)	32.25" (81.91 cm)
Water Connection	0.75" - 11.5 NH (North America) / 0.75" B.S.P.T. (Outside North America)		

- Three sizes: 50 lb (23 kg), 80 lb (36 kg), and 120 lb (54 kg)
- Available in gas, steam, and electric heat
- Equipped with an intelligent and simple to use control system
- Stainless steel baskets and fronts
- Features a reversing basket, double pane glass door, and fully insulated cabinet
- Sensor Activated Fire Extinguishing System (S.A.F.E.)
- Automatic Airflow Compensator (AAFC) optional
- Features variable drum speed, trans-axial air flow, and direct spark ignition

GAS MODEL	Approximate Shipping Weight	710 lb (322 kg)			720 lb (327 kg)			1,500 lb (680 kg)		
	Airflow 50 Hz	810 cfm (22.93 cmm)			880 cfm (24.91 cmm)			1,350 cfm (38.23 cmm)		
60 Hz	850 cfm (24.06 cmm)			920 cfm (26.05 cmm)			1,350 cfm (38.23 cmm)			
Heat Input	125,000 BTU/hr (31,500 kcal/hr)			135,000 BTU/hr (34,019 kcal/hr)			250,000 BTU/hr (62,998 kcal/hr)			
Exhaust Connection (diameter)	8" (20.32 cm)			8" (20.32 cm)			10" (25.4 cm)			
Inlet Pipe Connection	0.5" N.P.T. (Male)			0.5" N.P.T. (Male)			0.75" N.P.T. (Male)			
	0.5" B.S.P.T. (Female) (CE and Australia Only)			0.5" B.S.P.T. (Female) (CE and Australia Only)			0.75" B.S.P.T. (Female) (CE and Australia Only)			
ELECTRIC MODEL	Approximate Shipping Weight	715 lb (324 kg)			730 lb (331 kg)			1,500 lb (680 kg)		
	Airflow 50 Hz	714 cfm (20.21 cmm)			770 cfm (21.80 cmm)			1,440 cfm (40.77 cmm)		
	60 Hz	746 cfm (21.12 cmm)			740 cfm (20.95 cmm)			1,440 cfm (40.77 cmm)		
	Exhaust Connection (diameter)	8" (20.32 cm)			8" (20.32 cm)			10" (25.4 cm)		
	Oven Size	kW	BTU	Kcal	kW	BTU	Kcal	kW	BTU	Kcal
	18.5	63,124	15,907	22	75,067	18,917	44	150,134	37,834	
	20.4	69,607	17,540	20.4	69,608	17,541	40.8	139,612	35,082	
	22	75,067	18,916	18.5	63,125	15,907	37	126,250	31,814	
STEAM MODEL	Approximate Shipping Weight	745 lb (338 kg)			865 lb (392 kg)			1,600 lb (726 kg)		
	Airflow 50 Hz	767 cfm (21.71 cmm)			854 cfm (24.18 cmm)			1,750 cfm (49.55 cmm)		
	60 Hz	920 cfm (26.05 cmm)			1,025 cfm (29.02 cmm)			1,750 cfm (49.55 cmm)		
	Steam Consumption (Max)	105 lb/hr (47.62 kg/hr)			140 lb/hr (63.50 kg/hr)			178 lb/hr (80.74 kg/hr)		
	Operating Steam Pressure	150 psi max (10.34 bar)			150 psi (10.34 bar)			125 psi max (8.62 bar)		
	Exhaust Connection (Diameter)	8" (20.32 cm)			8" (20.32 cm)			12" (30.48 cm)		
	Boiler Horsepower (Normal Load)	2.7 Bhp			3.6 Bhp			4.8 Bhp		
	Supply Connection	(1) 0.75" N.P.T. (Male)			(1) 0.75" N.P.T. (Female)			(1) 1" N.P.T. (Female)		
Return Connection	(1) 0.75" N.P.T. (Male)			(2) 0.75" N.P.T. (Male)			(1) 1" N.P.T. (Female)			

* Blower/fan motor for single phase steam is 1 hp (0.75 kW). Blower/fan motor for 3-phase, all heat, is 1 hp (0.75 kW).

* If configuration ordered is 1ph motor, 3ph heat dryer will be 4w.

