

# M50V

## 50-lb Capacity OPL Dryer

### Standard Features:

- 50-lb. capacity
- 18.30 cu. ft basket volume
- 150,000 Btu/hr heat input, 750 cfm airflow
- Radial airflow
- Steel door with gasketless glass
- Self diagnostic microprocessor
- Easy to clean lint drawer
- Fit through standard 36" door
- Available in gas, steam and electric heat

### Optional Features:

- Stainless steel front, cabinet & basket
- Reversing basket
- F.S.S.(Fire Suppression System)

OPL



M50V OPL Dryer

## Why Purchase Milnor M50V?

### Engineer Driven Design That is Built to Last

Our dryers showcase an engineer-driven approach to design. Bearings are permanently lubricated on the motor and drive system. There are no chains used; rather, we use V-belts and pulleys for smooth, quiet, and trouble free operation. Our dryer cabinets are electrostatically powder-painted inside and out then baked at 420-degrees fahrenheit before final assembly - ensuring the hardest surface and the longest lasting finish in the industry.

### Rugged Steel Door with Gasketless Door Glass

Our dryer doors are one solid piece of steel with gasketless glass. This eliminates the issue of glass falling out due to wear and tear on rubber gaskets that some manufacturers use to secure their glass. The security and durability that gasketless glass provides is essential to longevity.

### Easy-to-Read, Multilingual Controls

Our dryers were one of the first computer operated dryers on the market and we continue to apply innovative technology to dryer operation. Our accessible design, easy-to-read LED screens and our user friendly multilingual interface positions Milnor as a leader in the laundry industry.

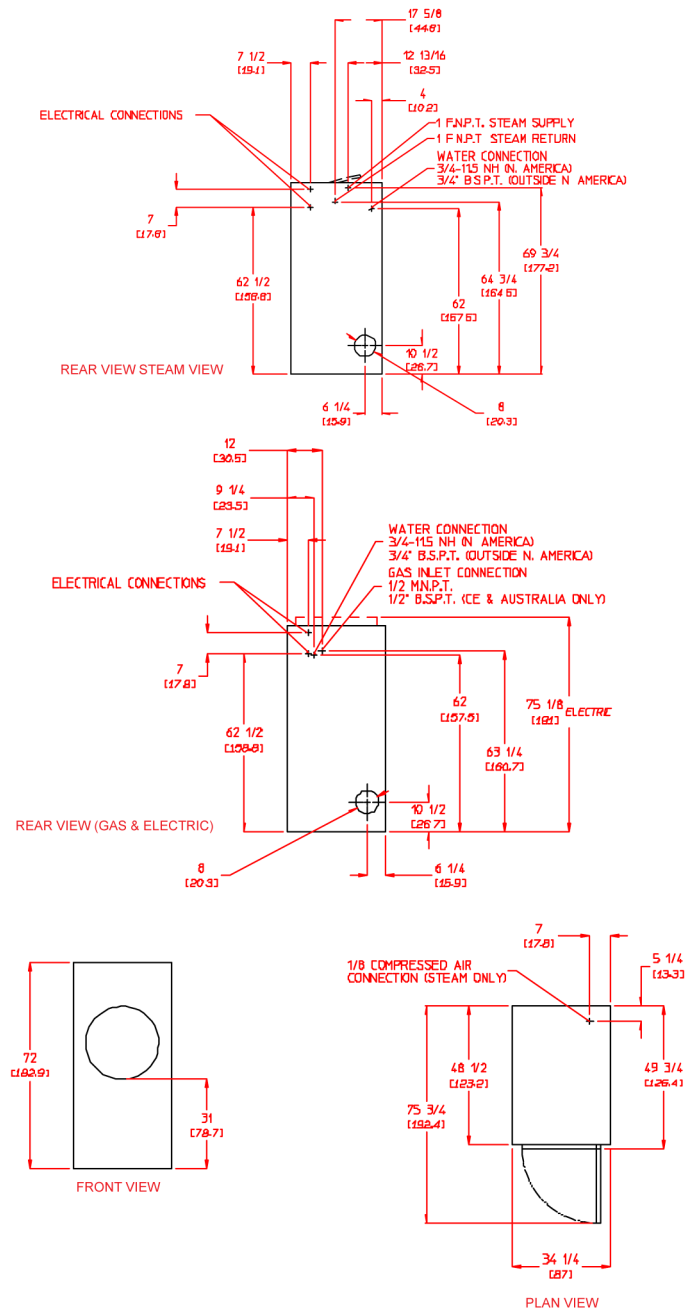
Your local Milnor independent authorized distributor



# M50V

M50V Specifications	
Tumbler Capacity (dry weight)	50 lbs. (22.68 kg)
Tumbler Diameter	32-3/4" (83.19 cm)
Tumbler Depth	37-1/2" (95.25 cm)
Tumbler Volume	18.30 cu ft (518.20 L)
Tumbler/Drive Motor	nonreversing reversing
	3/4 hp / 1/2 hp* (0.56 kW / 0.37 kW)
Blower/Fan Motor (nonreversing/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)
F.S.S. 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' Truck	24 / 26
Width	34-1/4" (87 cm)
Depth	49-3/4" (126.4 cm)
Height	72" (182.9 cm)
Airflow	60 Hz 750 cfm (21.24 cmm) 50 Hz 625 cfm (17.70 cmm)
Exhaust Connection (Diameter)	8" (20.32 cm)
GAS MODEL:	
Approx. Net Wt.	651 lbs (295.29 kg)
Approx. Ship Wt.	700 lbs (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 MODEL:	
Oven Size	Approx. Net Wt. 651 lbs (295.29 kg) Approx. Ship Wt. 700 lbs (317.51 kg)
kW	Btu/hr (kcal/hr)
20	68,200 (17,200)
24	81,900 (20,600)
30	102,400 (25,800)
STEAM MODEL:***	
Approx. Net Wt.	683 lbs (309.80 kg)
Approx. Ship Wt.	733 lbs (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. REV 5/8/13  
 \*\* 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				
SERVICE VOLTAGE	PHASE	WIRE SERVICE	APPROX AMP DRAW	CIRCUIT BREAKER
			60 Hz	50 Hz
<b>GAS &amp; STEAM</b>				
100	1ø	2	12.3	--
120	1ø	2	12.0	--
208	1ø	2	7.1	--
220	1ø	2	7.0	5.3
230	1ø	2	--	4.9
240	1ø	3	6.5	4.2

Electrical Service Specifications				
SERVICE VOLTAGE	PHASE	WIRE SERVICE	APPROX AMP DRAW	CIRCUIT BREAKER
			60 Hz	50 Hz
<b>GAS &amp; STEAM</b>				
208	3ø	3	3.0	--
220	3ø	3	3.8	3.7
230	3ø	3	--	3.6
240	3ø	3	3.2	--
380	3ø	4*	--	2.2
400	3ø	4*	--	2.2
416	3ø	4*	--	2.3
460	3ø	3	2.1	--

Electrical Service Specifications										
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	
<b>30 kW Electric</b>					<b>20 kW Electric</b>					
208	3ø	3	90	--	125	208	1ø	2	103	
220	3ø	3	86	84	110	220	1ø	2	96	
230	3ø	3	79	80	100	230	1ø	2	--	
240	3ø	3	79	--	100	240	1ø	2	90	
380	3ø	4*	--	51	70	<b>24 kW Electric</b>				
400	3ø	4*	--	48	60	208	3ø	3	74	
416	3ø	4*	--	47	60	220	3ø	3	70	
440	1ø	3	42	--	60	230	3ø	3	--	
460	3ø	3	40	--	50	240	3ø	3	64	
480	3ø	3	38	--	50	380	3ø	4*	43	
575	3ø	3	32	--	40	416	3ø	4*	--	
						480	3ø	3	31	



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