

BTO ENERGY ADVANTAGE MODELS

MDG52PN AND MDE52PN – EXPORT

50 LB CAPACITY OPL DRYER

STANDARD FEATURES:

- Self-Diagnostic Microprocessor Control
- Completely Sealed Basket
- Non-Perforated Ribs and Basket
- Dual-paned Door Glass
- High-Capacity Lint Drawer

OPTIONAL FEATURES:

- Stainless Steel Fronts
- S.A.F.E. (Sensor Activated Fire Extinguishing System)
- LP Gas

100% AXIAL AIRFLOW (STANDARD)

Dryer tumblers incorporate a 100% axial airflow design with a completely sealed basket. This ensures the most efficient drying available on the market today without sacrificing dry times.

FOUR-POINT ROLLER SUPPORT SYSTEM (STANDARD)

Dryers are designed with a four-point roller support system, eliminating costly repairs and downtime due to trunnion failures.

SINGLE PHASE REVERSING (STANDARD)

Single Phase Reversing is a standard feature on these dryers. What once was an expensive option requiring an upgrade from single phase to three-phase electrical service is now available in single phase. A reversing tumbler ensures that the load doesn't "rope" or "ball up", providing a quicker, more even drying process.

RESIDUAL MOISTURE CONTROL (STANDARD)

These dryers utilize a unique Residual Moisture Control (RMC) sensing system to measure the presence of moisture in the load. The patented system senses when the load is dry, shutting the unit down to prevent overdrying. This saves time and utility costs as well as prolongs the life of dried items.



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SPECIFICATIONS			
Tumbler Capacity (Dry Weight)	50 lbs. (22.68 kg)		
Tumbler Diameter	37" (93.98 cm)		
Tumbler Depth	25-3/4" (65.41 cm)		
Tumbler Volume	16.02 cu ft (453.64 L)		
Tumbler/Drive Motor	3/4 hp (0.56 kW)		
Blower/Fan Motor	1/2 hp (0.37 kW)		
Door Opening (Diameter)	27-3/8" (69.53 cm)		
Door Sill Height	31-1/4" (79.375 cm)		
S.A.F.E. Water Connection			
North America	3/4" F.N.P.T. (11.5 N.H.)		
Outside North America	3/4" B.S.P.T.		
Dryers per 20'/40' Container	10 / 22		
Dryers per 53' Truck	28		
Airflow Gas/Electric			
60 Hz	600 cfm (17.00 cmm)		
50 Hz	500 cfm (14.16 cmm)		
Exhaust Connection (Diameter)	8" (20.32 cm)		
GAS	Voltage Available	120, 208, 220, 240V / 60 Hz or 220, 230, 240V / 50 Hz 1 phase	
	Approximate Net Weight	610 lbs (276.69kg)	
	Approximate Shipping Weight	640 lbs (290.30 kg)	
	Heat Input	110,000 btu/hr (27,720 kcal/hr)	
Inlet Pipe Connection	1/2" M.N.P.T. 1/2" F.B.S.P.T. (CE and Australia Only)		
ELECTRIC	Voltage Available	208, 220, 240V, 380V / 60 Hz or 220, 230, 240, 416V / 50 Hz, 1 or 3 phase	
	Approximate Net Weight	610 lbs (276.69kg)	
	Approximate Shipping Weight	640 lbs (290.30 kg)	
	Oven Size		
	kW	Btu/hr	kcal/hr
	13.4	45,869	11,559
	14.7	50,136	12,634
14.8	50,545	12,737	
16.0	54,606	13,761	
22.0	75,084	18,920	

Specifications in parentheses are metric equivalents.

