

# MAXIDRY

# MDDI



Tumble  
Dryer

**MDDI Series**

MODEL : MDDI-225, MDDI-325,  
MDDI-475



# MDDI Series

**The MaxiDry MDDI Series - Industrial High Productivity Dryers for Commercial, Industrial Laundries and Hospitality Service**

## **Large Capacity - Flexibility - Built to Last -Protect your Investment**

The MDDI line of dryers is the perfect match for larger washer-extractors such as the MWSI series 200-275 pound capacity or the split pocket 450 pound MWSL model. These dryers can be custom built to suit any installation in commercial and industrial laundries where the demand for high productivity is present. The MDDI series of machines can be built with automatic door and two-way tilt for easy loading and unloading. It is an extremely flexible dryer, as it also can be built in configurations that can integrate with tunnel washing systems. Just ask and the dryer that suits the application can be built.

Quality material and workmanship make this dryer reliable and long lasting. The rugged design and stainless steel cylinder mounted on roller wheels provide excellent service indefinitely.



### ***Microprocessor Control***

All MDDI series dryers are provided with our flexible and advanced microprocessor. With the touch of a button you have total control of the dryer for optimum drying. The microprocessor monitors the temperatures, drying action and the performance with unsurpassed accuracy to ensure trouble free operation. The alphanumeric display is large and easy to read. A cool down and anti wrinkle feature keeps the machine in a cool down mode after the cycle has finished. The computer helps enhance safety in the laundry by verifying airflow and monitoring the temperature sensor and door. It also automatically prompts to clean the lint filter.



### ***Stainless Steel Basket***

The stainless steel 304 (18/8) cylinder is supported by four 11 inch diameter high temperature wheels. The wheels are adjustable keeping the cylinder in position at all times. The wheels on one side are connected to a shaft and a gear motor that drives the cylinder. Unlike galvanized steel, oxidation and rust will never be a problem, ensuring that the cylinder will last for the life of the equipment.

### ***Lint Filter and Lint Compartment***

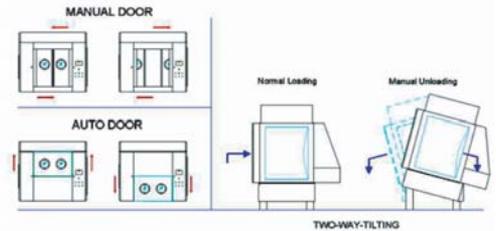


A large dual lint compartment makes maintenance easy. It is accessible from the front and located close to the exhaust fan, preventing fan clog up and eliminating fan vibrations. The lint filter is efficient and provides a good airflow that reduces energy consumption. The microprocessor monitors the lint filter and stops the machine, should the lint screen become blocked.

# Industrial High Productivity Dryers

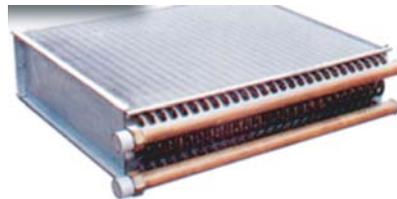
## *Tilting and Door Options*

Our industrial dryers are available with tilting capabilities, either one or two way, for ease of loading and unloading. Operation is smooth and sure, thanks to the heavy pneumatic air cylinders. Machines are offered with single front door or front and rear doors (pass through system). Doors can be ordered as manually operated or automatic air operated. Vertical doors are available as well.



## *Heating Alternatives*

The MDDI series dryer comes either steam heated or gas heated.



## *Special Designs*

The MDDI series dryers can be custom made to fit any application - height restrictions and automation requirements can be designed for any special need. The MDDI dryers can be used in many different applications including automatic loading and unloading with washer-extractors or tunnel washer systems. When it comes to environmental issues such as heat and noise, extra insulation and noise absorbing materials can be added to bring down the noise levels, reduce the energy consumption and improve the working conditions. Just ask and we will help you get the right dryer for your operation.



## *Powerful Drive and Blower Motors*

Totally enclosed motors are rugged and provide long life, meaning lint damaged motors are thing of the past. The machine is provided with a soft-start device for smooth starts and stops. A variable frequency inverter is available as an option.



# SPECIFICATION

## Standard Features :

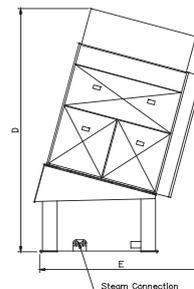
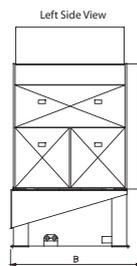
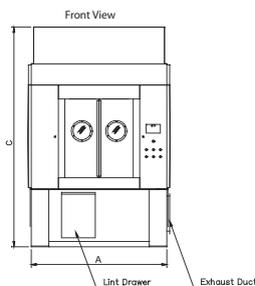
- Microprocessor control
- Large capacity slide-out drawer
- Sealed bearings
- Reversing cylinder
- Roller driven cylinder
- Insulated panels
- 24 volt control system
- Rotational sensor

## Optional Features :

- Tilt forward
- Tilt both ways
- Variable frequency inverter
- Vertical or horizontal sliding door
- Pass through system with front and rear door
- Side mounted steam coils
- Special design for tunnel washer system
- Humidity control
- PLC control
- Air re-circulating system
- Sprinkler system
- Automatic blower cleaning

MODEL	Metric	US	MDDI-225	MDDI-325	MDDI-475
<b>Units of Measurement</b>	<b>Metric</b>	<b>US</b>			
Maximum Capacity (dry weight)	kg.	lbs.	102 (225)	147 (325)	215 (475)
Basket Diameter	mm.	inch	1620 (63.78")	1620 (63.78")	1800 (70.86")
Basket Depth	mm.	inch	1240 (48.8")	1541 (60.70")	2000 (78.74")
Basket Volume	cu.m	cu.ft	2.55 (90.26)	3.17 (112.2)	5.1 (180.1)
Basket Motor	kW	HP	2.2 (3)	3.7 (5)	5.5 (7.5)
Blower Motor (Gas/Steam)	kW	HP	11 (15)	15 (20)	18.5 (25)
<b>Overall Dimensions :</b>					
A - Machine Width	mm.	inch	1926 (75.8")	2006 (79")	3009 (118.5")
B - Machine Depth					
- Gas Heated	mm.	inch	1528 (60.2")	1818 (71.6)	2321 (91.4")
- Steam Heated	mm.	inch	1528 (60.2")	2030 (79.9")	2321 (91.4")
C - Machine Height at full	mm.	inch	2802 (110.3")	3132 (123.3")	3083 (121.4")
D - Machine Height when tilt					
- Gas Heated	mm.	inch	3219 (126.7")	2436 (95.9")	3497 (137.7")
- Steam Heated	mm.	inch	3120 (122.8")	2436 (95.9")	3497 (137.7)
E - Machine Width when tilt	mm.	inch	2105 (82.9")	3427 (134.9")	2770 (109.1)
<b>Gas Model :</b>					
Air Flow	cmm	cfm	155 (5500)	184 (6500)	340 (12000)
Gas Consumption	kcal/hr	btu/hr	206800 (820000)	297600 (1180000)	605200 (2400000)
Gas Inlet Connection	NPT		1"	1"	1-1/4"
Combustion Motor (Gas Model only)	kW	HP	0.25 (1/3)	0.25 (1/3)	0.37 (1/2)
Exhaust Duct Connection	mm.	inch	508 (20")	508 (20")	609.6 (24")
Net Weight (approx.)	kg.	lbs.	1664(3668.4)	1837(4050)	3745(8256.3)
Domestic Shipping Weight (approx.)	kg.	lbs.	1732(3818.4)	1905(4199.8)	3809(8397.4)
<b>Steam Model :</b>					
Air Flow	cmm	cfm	198 (7000)	212 (7500)	340 (12000)
Steam Consumption	kg/hr	lb/hr	469.5(1035)	547.75(1207.5)	939(2070)
Steam supply connection	NPT		2"	2"	2"
Steam return connection	NPT		2"	2"	2"
Exhaust Duct connection	mm.	inch	508 (20")	508 (20")	610 (24")
Steam Pressure	bar	Psi	5.6-8.7(80-125)	5.6-8.79(80-125)	5.6-8.79(80-125)
Air Pressure	bar	Psi	6-8(87-116)	6-8(87-116)	6-8(87-116)
Net Weight (approx.)	kg.	lbs.	1736(3827.2)	3098(6838)	4720(10405.8)
Domestic Shipping Weight (approx.)	kg.	lbs.	1800(3968.3)	3234(7129.75)	4885(10769.6)

Specification of design is subject to change without notice. For additional options please consult factory and distributor.



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