



# PASS-THROUGH DRYERS

FOR BATCH WASHERS AND OTHER WASHING SYSTEMS



64058



# MILNOR PASS-

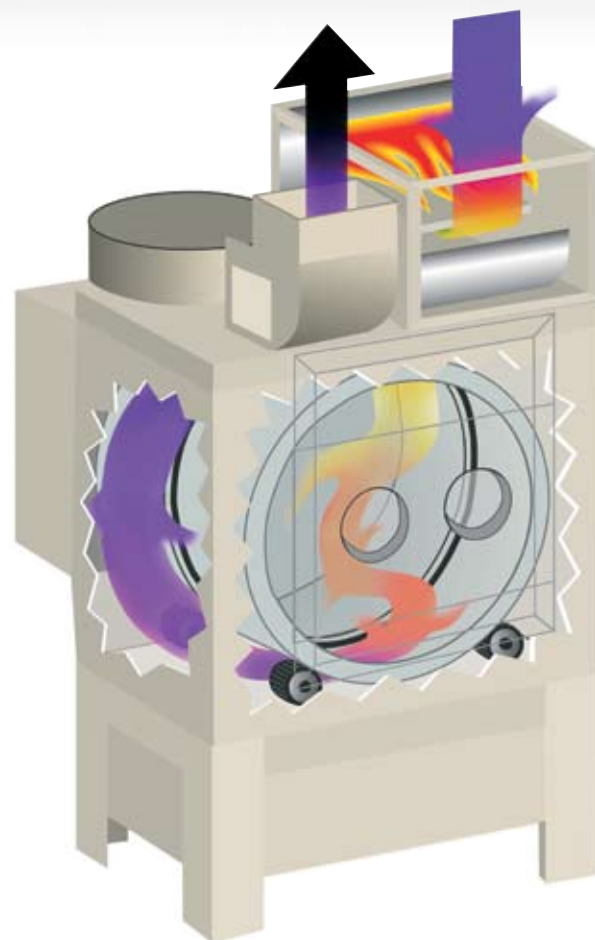
## *The right sizes*

These dryers can be used with washer-extractors or with tunnel washers. Basket volumes available are 45.5 cu. ft. (1287 L), 108 cu. ft. (3058 L) and 170 cu. ft. (4800 L). They're ideal for loads ranging from 110 lbs. (50 kg) to 550 lbs. (250 kg).

## *Why they save time and energy*

- Goods circulate freely – as they dry, they move to the upper end; 45.5 – 170 cu. ft. (1287 – 4800 L) cylinder enhances movement of hot air through the load.
- Huge open area – with about 65% of the perforated side sheet open, hot air flows easily through the basket.
- Patented long-life seal – keeps air flowing through the goods, without escaping around the outside of the basket.
- Fixed tilt – places the heaviest goods, which are wettest, nearest heat entry.
- Fast unloading – no need to wait for mechanized tilting or operator attention, as the basket is always tilted toward the unload end.

*Unique air path means a Milnor dryer gets the most efficient use of hot air. These design features are not found on other dryers.*



## *Efficiency is long-term*

Most dryers are efficient when new. Milnor dryers stay that way. Milnor maintains proper hot airflow with a low-friction seal that rides on a polished band. This is possible because the seal is placed circumferentially, not front-to-back as with competitive dryers. Because competitive seals are abraded by the reverse side of the basket perforations – the “cheese grater” effect – they tend to wear out quickly. This lets air escape around the outside of the basket, wasting energy and time.

Insulation helps prevent heat loss, too (and improves the work environment).

## *They boost productivity*

Fast cycles mean more output. And so does fast turnaround from one load to another. Milnor conveyors and shuttles allow automated loading when the dryer is ready, without operator attention. This minimizes delays. Or, if you prefer, sling loading can be employed (the fixed tilt helps goods fall to the back). Gravity unloading is automatic, without an attendant, and there are no delays for hydraulic tilting. Pass-through design is ideal for streamlined workflow.

## *Efficient, space-saving design*

An innovative, “mirror-mount” design feature allows two dryers to install side-by-side. The dryers can be ordered with motors and controls mounted on either side of the unit, moving service points to easily accessible areas. This compactness makes good use of floor space.

# THROUGH DRYERS



## *Control provides efficiency, information*

Microprocessor control allows field-programming of dry formulas. Up to 32 dry codes can be programmed, accommodating both full and small loads for 16 different goods types. Inlet and outlet temperatures may be programmed to optimize drying times. Modulating gas valve can maintain an inlet or outlet temperature within one percent of the set point (does not rely on a high fire-low fire scheme). Similar modulating temperature control is also available on steam models (optional extra). The control provides cooldown, self-diagnostics, plus such information as time in process, inlet and outlet temperatures, formula in progress, number of loads processed by dry code, and cumulative average drying time for each formula. Dryer controls can also be linked to a MILDATA computer system for central programming, system monitoring and production reporting.



## *These dryers help streamline laundry production*

MILNOR dryers are pass-through machines that load at one end and discharge at the other. They form an integral part of an automated batch laundry processing system, along with a continuous batch waster, an extraction system, and transport conveyors.

These fully automatic dryers can also be used to streamline operations with washer-extractor systems. Pass-through design allows excellent workflow, while automatic loading/unloading and drying controls reduce operator attention.



72072

## *Effective lint removal*

Milnor Lint Filter (MLF) Systems are available for all Milnor pass-through dryers. This MLF operates on differential back pressure. The lint filter can be set to self-clean when back pressure reaches the desired set point. The control cleans the screen only when needed — optimizing dryer performance.

## *Quiet*

Low noise levels (thanks to efficient blower and smooth drive system) enhance working conditions.

## SPECIFICATIONS

<b>PASS-THROUGH DRYERS</b>	<b>50040</b>		<b>64058</b>		<b>72072</b>	
Capacity range - lbs. (kg)	110	(50)	200-320	(91-145)	400-550	(180-250)
Basket volume – cu. ft. (L)	45.5	(1287)	108	(3058)	170	(4800)
Filling Factor @ 1kg:30L						
lbs. (kg)	94.6	(42.9)	224.8	(102)	352.8	(160)
lbs. per cu. ft.	2		2		2	
Filling Factor @ 1kg:25L						
lbs. (kg)	113.5	(51.5)	269.7	(122.30)	423.4	(192)
lbs. per cu. ft.	2.4		2.4		2.4	
Filling Factor @ 1kg:20L						
lbs. (kg)	141.8	(64.3)	337.1	(152.90)	529.2	(240)
lbs. per cu. ft.	3.1		3.1		3.1	
Basket diameter – ins. (mm)	50	(1270)	64	(1626)	72	(1829)
Basket depth – ins. (mm)	40	(1016)	58	(1473)	72	(1829)
Blower motor – HP (kW)	7.5	(5.59)	25	(18.64)	30	(22.37)
Basket drive motor – HP (kW)	1	(.745)	3	(2.23)	5	(3.72)
Combustion air motor – HP (kW)	0.33	(.24)	0.33	(.24)	0.33	(.24)
Approx. overall width* - ins. (mm)	78.38	(1990)	85	(2159)	110.5	(2807)
Approx. overall depth* - ins. (mm)	91.5	(2324)	103.2	(2621)	122	(3099)
Approx. overall height* - ins. (mm)	118.38	(3006)	146.75	(3727)	156.93	(3986)
Approx. net weight* - lbs. (kg)	3,608	(1636)	5,360	(2431)	10,000	(4536)

Capacity depends on type of goods -- e.g., ranging from various fabrics/cotton goods to mats or wipers.  
Specifications and appearance subject to change without notice. Contact factory for acoustics data.

\*With standard accessories.

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