



# PASS-THROUGH DRYERS

FOR CBW®/PBW™ BATCH WASHERS AND OTHER WASHING SYSTEMS



64064

# MILNOR PASS-

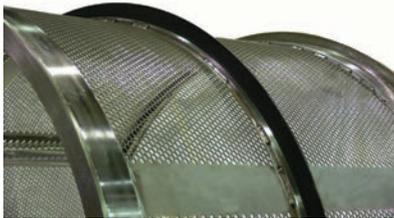
## The right sizes

These dryers can be used with washer-extractors or with CBW® tunnel washers.

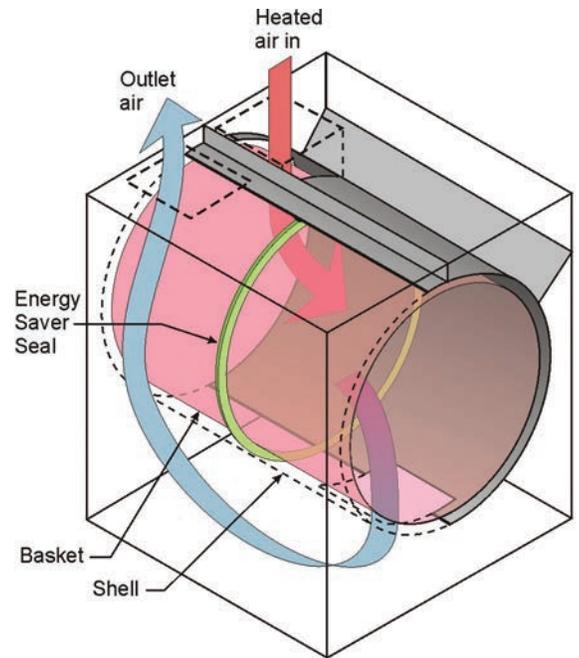
Basket volumes available are 56.8 cu. ft. (1608 L), 108 cu. ft. (3058 L), 119 cu. ft. (3373 L) and 200 cu. ft. (5663 L). They're ideal for loads ranging from 110 lbs. (50 kg) to 550 lbs. (250 kg).

## Why they save time and energy

- Goods circulate freely—as they dry, they move to the upper end; 56.8-200 cu. ft. (1608-5663 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.
- Unique Energy Saver 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 the heat entry.
- Fast unloading—no need to wait for mechanized tilting or operator attention, as the basket is always tilted toward the unload end.



Milnor maintains proper hot airflow with a low-friction seal that rides on a polished band.



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. This is possible because the seal is placed circumferentially, not front-to-back as with competitive dryers. Because competing seals are abraded by the reverse side of the basket perforations—the “cheese grater” effect—they tend to wear out quickly. Damaged seals let air escape around the outside of the basket, wasting energy and time.

Milnor dryers have proper insulation, which prevents heat loss and improves the work environment.

## They boost productivity

Fast cycles mean more output. Fast turnaround from one load to the next adds even more output. To minimize turnaround delays, Milnor conveyors and shuttles allow automated loading when the dryer is ready, without operator attention. 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.

## Optional Recirculation available

Exhaust air recirculation option redirects heated exhaust air during the first part of the cycle to warm up the incoming fresh air, saving up to 10% or more of the heat energy.





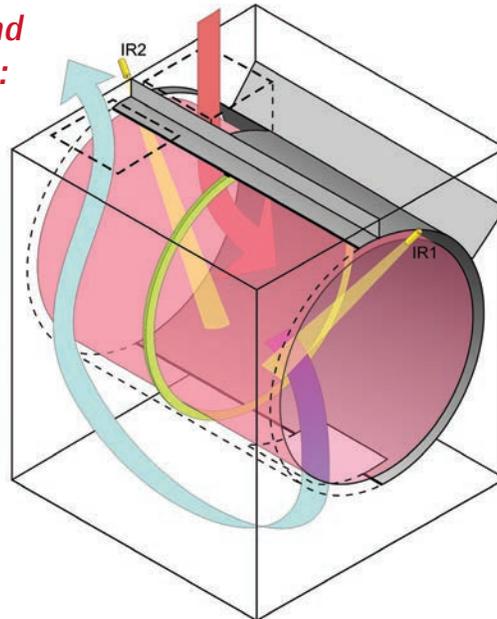
## SPECIFICATIONS

PASS-THROUGH DRYERS	50050	64058	64064	76076
Capacity range - lbs. (kg)	100-150 (45-68)	200-320 (91-145)	200-350 (91-158)	450-550 (204-250)
Basket volume – cu. ft. (L)	56.8 (1608)	108 (3058)	119 (3373)	200 (5663)
Filling Factor @ 1kg:25L				
lbs. (kg)	141 (64)	269.7 (122.3)	297 (135)	497 (226)
lbs. per cu. ft.	2.5	2.5	2.5	2.5
Filling Factor @ 1kg:20L				
lbs. (kg)	177 (80)	337.1 (152.9)	371 (169)	623 (283)
lbs. per cu. ft.	3.1	3.1	3.1	3.1
Basket diameter – ins. (mm)	50 (1270)	64 (1626)	64 (1626)	76 (1930)
Basket depth – ins. (mm)	50 (1270)	58 (1473)	64 (1626)	76 (1930)
Blower motor – HP (kW)	7.5 (5.59)	25 (18.64)	25 (18.64)	40 (30)
Basket drive motor – HP (kW)	1.5 (1.1)	3 (2.23)	3 (2.23)	7.5 (5.5)
Combustion air motor – HP (kW)	0.5 (.375)	2 (1.5)	2 (1.5)	1.5 (1.1)
Approx. overall width* - ins. (mm)	78.38 (1990)	85 (2159)	85 (2159)	110.06 (2795)
Approx. overall depth* - ins. (mm)	101.5 (2578)	103.2 (2621)	109.2 (2774)	125.82 (3195)
Approx. overall height* - ins. (mm)	119 (3022)	146.75 (3727)	146.75 (3727)	164.38 (4175)
Approx. net weight* - lbs. (kg)	4,000 (1814)	5,360 (2431)	5,560 (2527)	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.

### Mode IV Dryer End Point Technology:



Milnor uses two infrared sensors in conjunction with inlet/outlet temperature profiles to determine accurately when the goods are dry.

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