



# 30-190 LB. DRYERS

MORE RELIABILITY • HIGH PERFORMANCE • FIRE SUPPRESSION SYSTEM



**M175**

# M30V-M190



## SMART DESIGN

### Roller drive for reliability.

Some dryers use the same type of drive and support as 400 lb. dryers. There's no maintenance-prone gear box either. (Feature available on M96, M122, M175, and M190.)



Roller drive gives better cylinder support, contributes to long life.

High Performance Dryers with the features you need.



## MORE VALUE

### Speed boosts productivity.

The M96 can dry approximately 165 lbs. an hour, accommodating loads from Milnor washer-extractors. \* Diameter is 42 inches - for better lift and drop, more exposure to hot air. The M96 boosts productivity by drying quickly. Heat input is an impressive 350,000 btu/hour, with 2,700 cfm airflow (and a 3HP blower motor) for the highest heat exchange in its field. The M122 has a heat input of 415,000 btu/hour with 2,800 cfm airflow.

\* Depending on fabric type and load size.



Service is done from the front; saves time and space, reduces risk.

### Fits through 36" door.

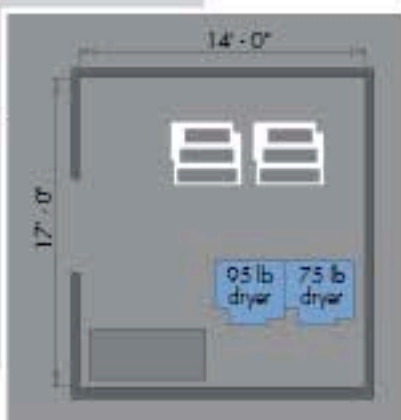
The M30V, M50V, M78 and the M96 can move through a 36" steel door frame. The top console is removable.

### It's front-serviceable!

The entire front panel can be removed from some machines so maintenance can be performed from the front. It's a time-saving convenience for service - and a safety benefit. Lint is removed from the front through a large capacity lint drawer. (Feature available on M96, M122, M175, and M190.)

### Saves space.

Surprisingly, these dryers are more compact than other dryers. They install close to the wall because there's little to service from the rear of the machine.



## PLUS...

### Get these benefits, also.

**Phase 7 microprocessor:** This innovative control has many user-friendly and safety-oriented features.

**Reversing basket:** To help prevent tangling, the basket reverses rotation on most models.

**Built tough:** The cabinet is electrostatically painted inside and out, and all components are painted before assembly for thorough protection.

**Fully enclosed cabinet:** This design, combined with insulation, improves efficiency by capturing radiant heat and using it to dry. Also improves working conditions.

**Other standard features:** Included are hot surface ignition (fast and reliable), rotation sensor, and 24-volt controls.

# THE FEATURES YOU NEED.

## NEW CONTROL PROMOTES SIMPLICITY, EFFICIENCY, SAFETY.

### Phase 7 Microprocessor

*This innovative control has:*

#### Efficient Automatic or Manual Mode

Automatic drying helps prevent over-drying and helps eliminate guesswork.

#### Smart Lint Monitor

For models with lint drawers, the control automatically prompts the operator to clean the lint. If signals are ignored, the dryer will not operate after a maximum number of cycles.

#### Ignition Retries

If the dryer doesn't ignite, it will wait and try again - up to two retries.

#### Anti-wrinkle Cooldown

When drying time has ended, this mode tumbles the goods without heat to reduce wrinkling and significantly reduce the risk of spontaneous combustion.

#### Informative Display

Display allows you to view drum temperature and drum RPM. You can also preview all operations of pre-programmed cycles and see troubleshooting information.

#### Safety Features

Phase 7 technology provides a Fire Suppression System (cold weather FSS optional) to sense overheating or spontaneous combustion which triggers a water jet system; airflow proving switch verification ensures proper airflow during operation and Temperature Sensor Monitoring.



## 30-190 LBS.

### M30V

A good match for Milnor 25 lb. washer-extractors. This dryer has a heat input of 100,000 btu/hr (gas) and a 3 phase reversing basket. The M30 is available in gas, electric, or steam.

### M50V

This 50 lb. model has a heat input of 150,000 btu/hour and fits through a 36" door. Phase 7 microprocessor is standard or dual timer. This model is available in gas, electric or steam.

### M758V

A popular size, especially when replacing existing 75 lb. dryers. Airflow is 1,000 cfm (gas) with 175,000 btu/hour heat input. Phase 7 microprocessor or dual timer. Available in gas, electric or steam models.

### M78

This 75 lb. model fits through a 36" door (its 35" deep with dryer door removed). It has a huge, 44.5" basket diameter (compared to competitor's 37") - for better lift and drop, more exposure to hot air, and more even heat distribution. Available in electric and gas (gas - 1,200 cfm airflow, and 204,000 btu/hour heat input).

### M82

Fast drying results from 1,700 cfm (steam) and 270,000 btu/hour (gas). Belt-driven fan is quiet and smooth. A good match for smaller Milnor washer-extractors. Available in gas or steam.

### M96

This 95 lb. model fits through a 36" door (its 34" deep with dryer door removed). Gas and Phase 7 microprocessor only - 2,700 cfm airflow and 350,000 btu/hour.

### M122

Is an excellent match for a 80- or 100- lb. capacity washer-extractor. Features roller drive for cylinder support.

### M130

This 120 lb. model has a heat input of 375,000 btu/hour. A 12" exhaust is available on M130DR gas model (ideal for a replacement dryer).

### M170

With a 51.2 cu. ft. basket, the M170 is ideal for Milnor 140 and 160 lb. washer-extractors. Fast drying results from 3,700 cfm airflow (gas) and 550,000 btu/hour heat input. Phase 7 microprocessor or dual timer available with gas model, Phase 7 with steam model. Top and transition duct are removable for installation.

### M175

This dryer delivers high volume with a small footprint. It only needs 19.7 sq. ft. of space to dry 350 lbs. of poly-cotton sheets per hour. Fast drying results from 3,700 cfm airflow (gas) and 550,000 btu/hour heat input.

### M190

Milnor's 190 lb. dryer dries fast through 590,000 btu/hour and 4,200 cfm (gas). Top section and transition duct can be removed for ease in installation. The dryer is only 51.12" deep, yet has a 61.2 cu. ft. basket.

# M30V-M190 CONDENSED SPECIFICATIONS

SPECIFICATIONS	UNITS	M30V	M50V	M758V	M78	M82	M96*	M122*	M130	M170	M175*	M190*
Max capacity	lbs. (kg)	30 (13.6)	50 (22.7)	75 (34)	75 (34)	80 (36)	95 (43)	120 (54)	120 (54)	170 (77)	170 (77)	190 (86)
Basket diameter	ins. (mm)	32.75 (832)	32.75 (832)	36.25 (920)	44.5 (1130)	37 (940)	41.38 (1051)	44.12 (1120)	44.63 (1133)	51.5 (1308)	51.12 (1298)	55.62 (1412)
Basket depth	ins. (mm)	25.62 (651)	37.5 (953)	36 (914)	24.88 (632)	36 (914)	28.87 (733)	40.56 (1030)	42.12 (1070)	42.5 (1079)	42.75 (1085)	43.5 (1104)
Basket volume	cu. ft. (L)	12.5 (354)	18.3 (518)	21.5 (608)	22.4 (634)	22.4 (634)	22.5 (637)	35.9 (1016)	38.1 (1079)	51.2 (1450)	50.76 (1437)	61.2 (1732)
Door opening	ins. (mm)	21.5 (546)	21.5 (546)	31.38 (797)	31.38 (797)	31.38 (797)	31.38 (797)	31.38 (797)	31.38 (797)	31.38 (797)	31.38 (797)	31.38 (797)
Basket motor (Non-Reversing)	HP (kW)	.5 (.373)	.75*** (.56)	1 (.75)	1*** (.75)	.5 (.373)	.5 (.373)	1 (.75)	.75 (.56)	1 (.75)	3 (2.238)	3 (2.238)
Blower motor (Non-Reversing)	HP (kW)	.5* (.373)	— —	— —	— —	3 (2.238)	3 (2.238)	3 (2.238)	3 (2.238)	7.5 (5.59)	7.5 (5.59)	7.5 (5.59)
Reversing basket motor	HP (kW)	.5 (.373)	.5 (.373)	.5 (.373)	— —	— —	— —	— —	— —	— —	— —	— —
Reversing blower motor	HP (kW)	.5 (.373)	.5 (.373)	1 (.75)	— —	— —	— —	— —	— —	— —	— —	— —
Overall width**	ins. (mm)	34.25 (870)	34.25 (870)	38.25 (972)	46.18 (1173)	38.25 (971)	46.12 (1172)	48.62 (1235)	48.62 (1235)	55.87 (1419)	55.87 (1419)	60 (1524)
Overall depth**	ins. (mm)	38 (965)	49.75 (1264)	48 (1219)	35 (889)	51.5† (1308)†	35.25 (895)	48.37 (1229)	63.5 (1613)	63.5+ (1613)+	51+ (1295)+	55.12†† (1309)††
Overall height**	ins. (mm)	72 (1829)	72 (1829)	75.13 (1908)	84.31 (2142)	75.12 (1908)	82.37 (2092)	87.5 (2223)	86.87 (2207)	100 (2540)	100 (2540)	106 (2692)
Approx net weight**	lbs. (kg)	534 (232)	651 (295)	721 (327.04)	888 (403)	833 (377)	1,087 (493)	1,370 (621)	1,260 (571)	2,103 (954)	1,848 (838)	2,100 (952)
FSS water connection	ins. (NH)	.75 (11.5)	.75 (11.5)	.75 (11.5)	.75 (11.5)	.75 (11.5)	.75 (11.5)	.75 (11.5)	.75 (11.5)	.75 (11.5)	.75 (11.5)	.75 (11.5)

## GAS MODELS\*\*

Airflow	cfm (cmm)	460 (13)	750 (21.2)	1,000 (28.3)	1,200 (33.9)	1,700 (48.14)	2,700 (76.5)	2,800 (79.2)	2,150 (60.9)	3,700 (104.7)	3,700 (104.7)	4,200 (119)
Heat input	btu/hr (kcal/hr)	100,000 (25,200)	150,000 (37,800)	175,000 (44,100)	204,000 (51,407)	270,000 (68,038)	350,000 (88,200)	415,000 (104,578)	375,000 (94,498)	550,000 (138,598)	550,000 (138,598)	590,000 (148,678)
Gas inlet	"NPT	0.5	0.5	0.75	0.75	1	1	1.25	1	1.5	1.5	1.5
Exhaust diameter	ins. (mm)	8 (203)	8 (203)	8 (203)	10 (254)	14 (356)	16 (406)	16 (406)	14++ (356)	18 (457.2)	18 (457.2)	20 (508)

## STEAM MODELS

Boiler	Bhp	3	4.1	7	—	11	—	13	13	19	19	19
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## ELECTRIC MODELS

Oven	kW	20, 24	20, 24, 30	30	24, 36	—	—	72	72, 75.6	126	—	—
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All dimensions above are for gas dryers unless noted otherwise. Consult factory for steam and electric dryer dimensions.

\* Equipped with roller drive; also 100% front-serviceable. \*\* LP or Natural gas. Consult factory for other types. \*\*\* Non-reversing model.

+ Includes 5" (127mm) transition duct which can be removed for easy installation. † 3.5" (89mm) duct. †† 4" (101mm) duct.

++ Includes 12" exhaust diameter on M130DR Gas model. \* If reversing.

For detailed specifications, dimensional drawings, compressed air requirements (if applicable), etc., please contact us. All specifications subject to change without notice.

# M2929SL, M50SL & M75SL



M50SL



M75SL

Shown with two 11" pedestals.

## Productivity

Milnor's SL dryer line offers a unique axial airflow. Heat flows in from the rear and is captured in the solid (not perforated) stainless steel drum where multiple heat sensors keep temperatures even. This design yields exceptional drying results while delivering energy savings of up to 30% over other dryers in their load class.

A unique sensing system measures the presence of moisture in the load. The microprocessor stops the dryer exactly when the load is dry, saving time and energy.

When compared to similar dryers, the footprint of the Milnor SL dryer translates into more productive value for each square foot of the laundry floor.

## Efficiency

Double layer glass door seals heat inside the dryer – keeping the heat focused on the laundry. Milnor's SL drying tumblers are cooler to the touch and keep laundry rooms cooler which can help cut air-conditioning costs.

Dual burner design allows dryers to maintain a tighter range of the set temperature, enabling a dramatic reduction in energy usage without sacrificing performance. Delicate cycles can be programmed to use heat from only one burner for more exact temperatures and energy savings.

The dryer's unique sensing system measures the presence of moisture in the load. The microprocessor stops the dryer exactly when the load is dry, saving time and energy.

## Easy to use

Dryers that are easy to use stay in operation longer. Milnor SL dryers feature simple, push-button controls to streamline turnaround times. The Phase 8 control is also advanced, featuring self-diagnostics capable of reporting dryer service needs. The scrolling display can also output messages in two languages – a necessity for many washrooms.

## Rugged Construction

A four-wheel support system is stable and durable. It can eliminate costly service associated with other dryers. Hidden magnetic door switches are designed to last the life of the machine. Epoxy-based powder coated steel is durable. Optional stainless steel doors and front panels are practical and attractive.

## Added Features

**Easy access** – The M2929SL and M50SL fit through a standard 36" doorway while the M75SL can enter a 42" door.

**98% Front Serviceability** – This feature shortens service visits and can help keep dryers in operation longer when compared to rear-access dryers.

**Single phase reverse tumbling feature** – This function can prevent roping and balling. Now, even single-phase machines can deliver a quicker, more even drying process with reverse tumbling.

**Hot surface ignition** – The Milnor SL dryers will always start up with reliable hot surface ignition.

**A range of heights** – The M50SL and M75SL are available with optional pedestals to elevate them to a comfortable height. A choice of one or two 11" pedestals (up to 22") can accommodate nearly any ergonomic situation.

**Fire Suppression System** – This proven system can detect high-heat conditions caused by spontaneous combustion or overheating.

It then triggers a water jet system which virtually eliminates fires by immediately extinguishing the spread of flames.

A unique drying tumbler that maximizes the balance of heat & airflow.



# SL CONDENSED SPECIFICATIONS

SPECIFICATIONS	UNITS	M2929SL	M50SL	M75SL
Max capacity	lbs. (kg)	2x30 (2x13.61)	50 (22.68)	75 (34.01)
Basket diameter	ins. (mm)	25.75 (654.1)	37 (939)	37 (939)
Basket depth	ins. (mm)	32 (863.6)	25.75 (654)	35.5 (901)
Basket volume	cu. ft. (L)	2x10.25 (2x290.25)	16.02 (453.6)	22.09 (625.5)
Door opening	ins. (mm)	19.38 (492.1)	27.37 (695.3)	27.37 (695.3)
Basket motor	HP (kW)	2x.25 (2x.19)	.75 (.56)	.75 (.56)
Blower motor	HP (kW)	2x.5 (2x.37)	.5 (.37)	.5 (.37)
Overall width	ins. (mm)	27 (685.8)	38.25 (972)	38.25 (972)
Overall depth (without back panel)	ins. (mm) ins. (mm)	42.94 (1090.7)	41.62 (1057) 37.50 (952)	51.31 (1303) 47.18 (1198)
Overall height** (without optional pedestal)	ins. (mm)	72.88 (1851.2)	55.5 (1409)	55.5 (1409)
Approx net weight	lbs. (kg)	535 (242.7)	545 (247)	600 (272)
FSS water connection	ins. (NH)	.75 (11.5)	.75 (11.5)	.75 (11.5)

## GAS MODELS\*\*\*

Airflow	cfm (cmm)	310 (8.78)	525 (14.87)	560 (15.86)
Heat input	btu/hr (kcal/hr)	52,500 (13,230)	90,000 (22,680)	110,000 (27,720)
Gas inlet	"NPT	.375	.5	.5
Exhaust diameter	ins. (mm)	6 (152.4)	8 (203.2)	8 (203.2)

## STEAM MODELS

Boiler	Bhp	N/A	3.75	4
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## ELECTRIC MODELS

Oven	kW	N/A	13.4, 14.7, 14.8, 16.0	18.5, 20.3, 22.0
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\*\* Pedestals available, add 11" or 22" to cabinet height. One can be installed at factory.

\*\*\* LP or Natural gas. Consult factory for other types.

All dimensions are for gas dryers at 60 Hz unless otherwise noted. Consult factory for steam and electric dryer dimensions.

For detailed specifications, dimensional drawings, compressed air requirements (if applicable), etc., please contact us.

All specifications subject to change without notice.

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