



30-200 LB. DRYERS

MORE RELIABILITY • HIGH PERFORMANCE • WIDE RANGE OF MODELS



M758V

M30V-M202

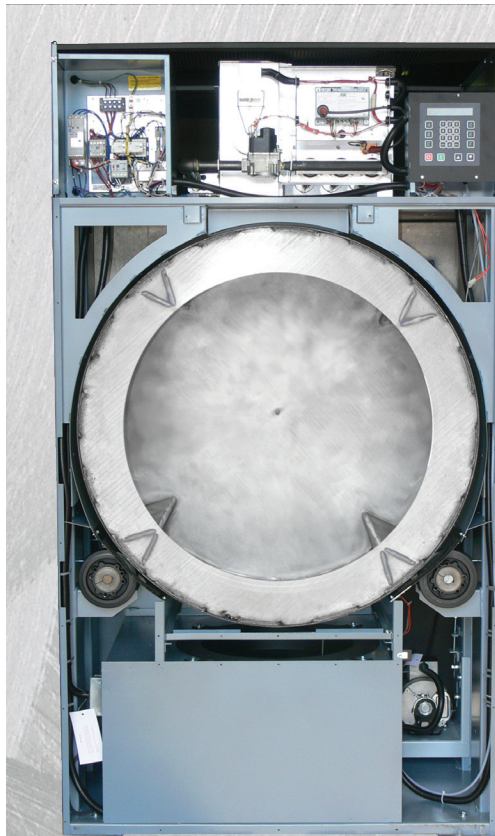
SMART DESIGN

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, M190 and M202.)



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



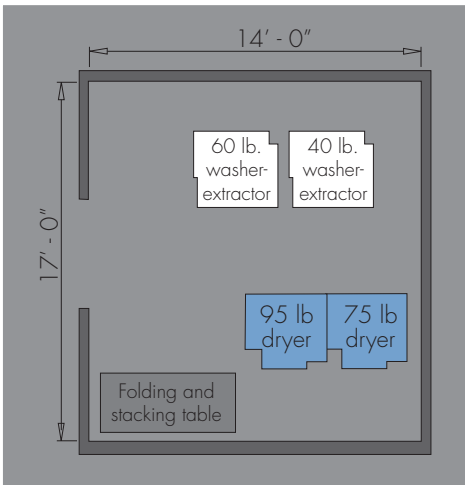
Fits through 3'- 0" door.

The M30V, M50V, M78* and the M96* can move through a 3'- 0" 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, M190 and M202.)

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



HIGH PERFORMANCE DRYERS WITH THE FEATURES YOU NEED.

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.



THE FEATURES YOU NEED.

INNOVATIVE CONTROL PROMOTES SIMPLICITY, EFFICIENCY, SAFETY.

Phase 7 Microprocessor control features:

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.

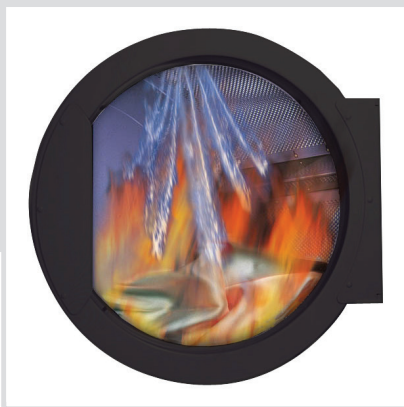
Informative Display

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

Safety Features

Phase 7 technology provides an optional Fire Suppression System (cold weather FSS also optional) to protect against fire damage caused by spontaneous combustion. The system senses an abnormal rise in temperature and quickly activates a water jet system and turns the basket to extinguish the fire. If for some reason the fire re-ignites, FSS will reactivate to ensure the fire is completely out.

Additional safeties include multi-point high temperature monitoring that will shut off the burner if the temperature exceeds the set point parameters.



30-200 LBS.

M30V

A good match for Milnor 25 lb. washer-extractors. This dryer has a heat input of 100,000 btu/hr (gas) and optional 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 3'-0" 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 3'-0" 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 and 270,000 btu/hour (gas). A good match for smaller Milnor washer-extractors. Available in gas or steam.

M96

This 95 lb. model fits through a 3'-0" door (its 34" deep with dryer door removed). Gas and Phase 7 microprocessor only—2,700 cfm airflow and 350,000 btu/hour.

M115

An excellent replacement dryer, this model fits through a 4'-0" door and is a perfect match for an 80 lb. washer-extractor.

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 51.5 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

This 190 lb. model has a heat input of 590,000 btu/hour and pairs nicely with a 160 lb. washer-extractor.

M202

At 200 lb., this model is the largest of the series and features a wheel-driven roller drive and heavy-duty steel door. Available in gas or steam.

M30V-M202 CONDENSED SPECIFICATIONS

SPECIFICATIONS	UNITS	M30V	M50V	M758V	M78	M82	M96	M115 ^Δ	M122 ^Δ	M130 ^Δ	M170 ^Δ	M175 ^Δ	M190 ^Δ	M202 ^Δ
Max capacity	lbs. (kg)	30 (13.6)	50 (22.7)	75 (34)	75 (34)	80 (36)	95 (43)	115 (52)	120 (54)	120 (54)	170 (77)	170 (77)	190 (86)	200 (90)
Basket diameter	ins. (mm)	32.75 (832)	32.75 (832)	36.25 (921)	44.5 (1130)	37 (940)	43.3 (1102)	42 (1067)	44.13 (1121)	44.63 (1134)	51.13 (1299)	51.13 (1299)	55.63 (1413)	55.63 (1413)
Basket depth	ins. (mm)	25.63 (651)	37.5 (953)	36 (914)	24.88 (632)	36 (914)	28.88 (734)	41.25 (1048)	40.56 (1030)	42.13 (1070)	42.5 (1080)	42.75 (1086)	43.5 (1105)	43.5 (1105)
Basket volume	cu. ft. (L)	12.5 (354)	18.3 (518)	21.5 (609)	22.4 (634)	22.4 (634)	22.5 (637)	33.1 (937)	35.9 (1017)	38.1 (1079)	51.2 (1450)	50.76 (1437)	61.2 (1733)	61.2 (1733)
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)	31.38 (797)	40.75 (1035)
Basket/Blower motor (Non-Reversing Dryer)	HP (kW)	0.5 (0.37)	0.75 (0.56)	1 (0.75)	1 (0.75)	x	x	x	x	x	x	x	x	x
Drive motor (Reversing Dryer)	HP (kW)	0.5 (0.37)	0.5 (0.37)	0.5 (0.37)	0.5 (0.37)	0.5 (0.37)	0.5 (0.37)	0.75 (0.56)	1 (0.75)	0.75 (0.56)	1 (0.75)	3 (2.2)	3 (2.2)	3 (2.2)
Blower motor (Reversing Dryer)	HP (kW)	0.5 (0.37)	0.5 (0.37)	1 (0.75)	1 (0.75)	3 (2.2)	3 (2.2)	3 (2.2)	3 (2.2)	3 (2.2)	7.5 (5.6)	7.5 (5.6)	7.5 (5.6)	7.5 (5.6)
Overall width	ins. (mm)	34.25 (870)	34.25 (870)	38.25 (972)	46.81 (1189)	38.25 (972)	46.13 (1172)	46.13 (1172)	48.63 (1235)	48.63 (1235)	55.88 (1419)	55.88 (1419)	60 (1524)	60.38 (1534)
Overall depth	ins. (mm)	38 (965)	49.75 (1264)	48 (1219)	35 (889)	48 (1219)	35.24 (895)	63.56 (1614)	52.5 (1334)	63.5 (1613)	68.5 (1740)	56 (1422)	55.13 (1400)	58 (1473)
Overall height	ins. (mm)	72 (1829)	72 (1829)	75.13 (1908)	84.31 (2141)	75.13 (1908)	82.38 (2092)	84 (2134)	87.5 (2223)	86.88 (2207)	100 (2540)	100 (2540)	106 (2692)	106 (2692)
Approx net weight*	lbs. (kg)	534*** (242)	651*** (295)	721*** (327)	888*** (403)	833 (378)	1087 (493)	1260 (572)	1260 (572)	1260 (572)	1260 (572)	1848 (838)	2100 (953)	2100 (953)
FSS water connection	ins. (GHT)	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75

GAS MODELS

Airflow (50 Hz)	cfm (cmm)	383 (10.8)	625 (17.7)	833 (23.6)	1000 (28.3)	1417 (40.1)	2250 (63.7)	1170 (33.1)	2333 (66.1)	1792 (50.7)	3700 (104.8)	3700 (104.8)	4200 (118.9)	4200 (118.9)
Airflow (50 Hz) – derated	cfm (cmm)	x	x	x	x	x	x	1402 (40)	1867 (52.8)	1458 (41.3)	2085 (59)	2085 (59)	2167 (61.3)	2167 (61.3)
Airflow (60 Hz)	cfm (cmm)	460 (13)	750 (21.2)	1000 (28.3)	1200 (34)	1700 (48.1)	2700 (76.5)	2100 (59.5)	2800 (79.3)	2150 (60.9)	3700 (104.8)	3700 (104.8)	4200 (118.9)	4200 (118.9)
Airflow (60 Hz) – derated	cfm (cmm)	x	x	x	x	x	x	1682 (47.6)	2240 (63.4)	1750 (45.5)	2503 (70.8)	2503 (70.8)	2600 (73.6)	2600 (73.6)
Heat input	btu/hr (kcal/hr)	100,000 (25,200)	150,000 (37,799)	175,000 (44,099)	204,000 (51,407)	270,000 (68,039)	350,000 (88,199)	343,000 (86,435)	415,000 (104,578)	375,000 (94,498)	550,000 (138,598)	550,000 (138,598)	590,000 (148,677)	590,000 (148,677)
Gas inlet	NPT	0.5	0.5	0.75	0.75	1	1	1	1.25	1	1.5	1.5	1.5	1.5
Exhaust diameter	ins. (mm)	8 (203)	8 (203)	8 (203)	10 (254)	14 (356)	16 (406)	14 (356)	16 (406)	14 (356)	18 (457)	18 (457)	20 (508)	20 (508)
Exhaust diameter – derated	ins. (mm)	x	x	x	x	x	x	12 (305)	12 (305)	12 (305)	12 (305)	12 (305)	12 (305)	12 (305)

STEAM MODELS

Heat input	Boiler Horse Power (Bhp)	3	4.1	7.2	x	11	x	11	13	13	14.5	14.5	14.5	14.5
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ELECTRIC MODELS

Oven	kW	20, 24	20, 24, 30	30	24, 36	x	x	60, 72	72	72, 75.6	126	x	x	x
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All specifications above are for gas dryers unless noted otherwise. Consult factory for steam and electric dryer specifications. • Machine options may affect net weight.

* Equipped with roller drive; also 100% front-serviceable. *** Non-reversing model. Δ Designates derated (DR) gas version available.

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



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