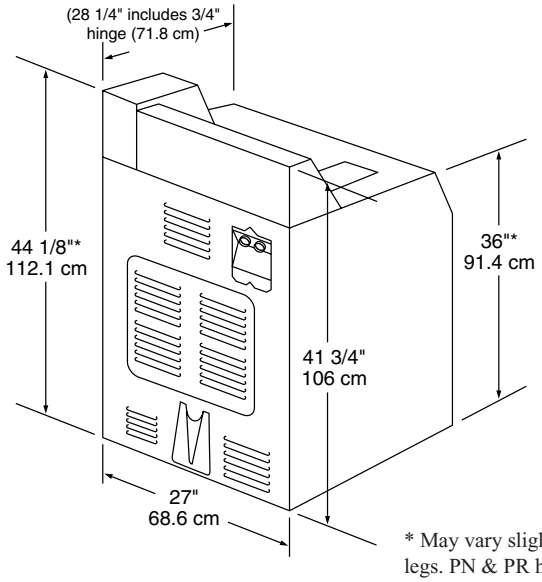
MAYTAG
COMMERCIAL

Commercial High Efficiency Washers

Models MAH20PD MAH20PS MAH20PR MAH20PN

PRODUCT DIMENSIONS



* May vary slightly depending on leveling legs. PN & PR have no coin vault model. Console height is 43 5/8".

* Add 1/2" to 2" for leveling legs.

PRODUCT SPECIFICATIONS

- Motor: 120 volt, 60 Hz, variable speed, reversible.
  Develops 1/4 HP in Wash and 1/2 HP in Spin.
- Some export models: in 240 volts, 50 Hz also available.
- Maximum amperage draw: 7 amps (except for motor acceleration surges)
- Export models: 4 amps
- Cycle Time
  MAH20PD/PS/PR/PN - Can be custom programmed 31-65 minute cycles.
  There is an optional rinse which can vary 4 minutes that would add to these times.
- Water usage (approximately):
  18 - 21 gallons (68.1 - 79 liters) based on load size.
  5 gallons (18.9 liters) hot water usage per hot wash cycle.
  2.5 gallons (9.5 liters) hot water usage per warm wash cycle.
  0 gallons (0 liters) hot water usage per cold wash cycle.
  2.5 gallons (9.5 liters) hot water usage per cycle. (based on average cycle)

*Note: If optional additional rinse is used add 5 gallons.

- Pressure fill system, not dependent on incoming water pressure or time.
- Weight: Crated (approximately) 225 lbs (102 Kg) Uncrated (approximately) 195 lbs (88 Kg).
- Tub capacity - 2.9 cubic feet. (82.1 liters)
- Diameter x Depth - 21.5" x15" (54.5 cm x 38.1 cm)
- Spin speed: 800 RPM (200 G's) - Can be programmed to 600, 650, 700 or 800 rpm.
- Spin direction - counter-clockwise (when viewed from the front.)
- Reversible door hinged on left from factory (when viewed from the front.)
- 180° swing door adds 22.25" (56.5 cm) to washer depth at 90°

WATER CONSUMPTION GALLONS*

CYCLE SELECTION		WASH	BLEACH	RINSE 1	RINSE 2	RINSE 3	TOTAL GALLONS	
WHITE	HOT	5.0	-	-	-	-	5.0	
	COLD	-	.5	5.0	4.5	4.5	14.5	19.5
PERM PRESS	HOT	2.5	-	-	-	-	2.5	
	COLD	2.5	.5	5.0	4.5	4.5	17.0	19.5
COLORS	HOT	2.5	-	-	-	-	2.5	
	COLD	2.5	.5	5.0	4.5	4.5	17.0	19.5
BRIGHT COL.	HOT	-	-	-	-	-	0	
	COLD	6.5	.5	5.0	4.5	4.5	21.0	21.0
WOOLENS	HOT	-	-	-	-	-	0	
	COLD	6.5	.5	5.0	4.5	4.5	21.0	21.0
DELICATES & KNITS	HOT	-	-	-	-	-	0	
	COLD	6.5	.5	5.0	4.5	4.5	21.0	21.0

WATER CONSUMPTION LITERS*

CYCLE SELECTION		WASH	BLEACH	RINSE 1	RINSE 2	RINSE 3	TOTAL	LITERS
WHITE	HOT	19.0	-	-	-	-	19.0	
	COLD	-	1.9	19.0	17.1	17.1	55.0	74.0
PERM PRESS	HOT	10.6	-	-	-	-	10.6	
	COLD	10.6	1.9	19.0	17.1	17.1	64.4	74.0
COLORS	HOT	10.6	-	-	-	-	10.6	
	COLD	10.6	1.9	19.0	17.1	17.1	64.4	74.0
BRIGHT COL.	HOT	-	-	-	-	-	0	
	COLD	24.6	1.9	19.0	17.1	17.1	79.6	79.6
WOOLENS	HOT	-	-	-	-	-	0	
	COLD	24.6	1.9	19.0	17.1	17.1	79.6	79.6
DELICATES & KNITS	HOT	-	-	-	-	-	0	
	COLD	24.6	1.9	19.0	17.1	17.1	79.6	79.6

*Based on testing with a 8 lb. AHAM load. Water use will vary from 18-21 gallons (68.1 - 79.5 Liters) depending on load size and cycle chosen.

- PD, PS and PR Models are debit card ready.

This Maytag commercial washer is equipped with anti-siphon devices in the form of three duckbill check valves to prevent water in the washer from re-entering the fresh water supply line. This antisiphon system is approved by Underwriters Laboratories (U.L.) for this purpose.

ELECTRICAL REQUIREMENTS

- 120 volts, 60 Hz (240 volts, 50 Hz also available for export).
- Uses .10 Kwh per average load.
- Individual branch circuit serving only the washer is recommended.
- Minimum wire size required, awg. 14 (15 amp fuse or breaker), however, we prefer and many codes will require awg. 12 wire size with a 20 amp fuse or comparable circuit breaker. These sizes apply to Copper wire only.
- Washer must be grounded in accordance with National Electrical Codes and local codes and ordinances.
- Appliance is equipped with a power supply cord having a 3-prong (3 conductor) grounding plug.

WATER REQUIREMENTS

- Water pressure of 30 to 120 p.s.i. (2.11 - 8.44 Kg/cm^2) is recommended.
- Hot water temperature - 120°F. -140°F (49°C.-60°C) recommended.
- 4 foot (1.22 m) length fill hoses provided.
- Access for manual shut-off of water faucets recommended.
- Recommended water pipe size.

MAX. NO. OF WASHERS	G.P.M.	COPPER PIPE SIZE
1	4	1/2" I.D.
4	10	3/4" I.D.
8	20	1" I.D.
14	35	1 1/4" I.D.
20	50	1 1/2" I.D.
40	100	2" I.D.

Note: The water valve on the Maytag commercial washer is rated at 3-10 gpm at 30 to 120 p.s.i. inlet.

The copper pipe sizes shown in the chart are based on rigid copper and should be used as a minimum recommended guide in a laundry. Any factors relating to pipe size which might affect water flow to the washers should be discussed and changed in accordance with the recommendations of your plumbing contractor in compliance with local codes.

DRAIN FACILITY REQUIREMENTS

- Standpipe of 36" (91.4 cm) in height recommended. For standpipes less than 36" (91.4 cm) in height, route drain hose through clip provided to maintain adequate height.
- Existing drain system must accept 1 1/4" O.D. drain hose. Unit will discharge water at a rate of about 4.5 gals./minute, with a 36" standpipe or 5.8 gals./minute with a 30" standpipe.
- Drain hose length of 42" (109.7 cm). Bulk drain hose available for extension if needed. Siphon break accessories are also available.

FLOORING REQUIREMENTS

- Washer must be installed on a well braced, solid floor. (Washer plus load, plus water weighs approximately 275 lbs. / 124.74 kg)

MOISTURE RETENTION

Tests have concluded that the amount of water left after a cycle will vary from as low as 45% of the dry weight for synthetics (moisture spins out of synthetics more easily), up to 70% of the dry weight for cottons in a high efficiency washer. For example, for an 8 lb. load (dry weight) wash load containing synthetics, the water remaining in the load at the end of the cycle would be approximately 3.6 pounds. For a 10 pound (dry weight) cotton load, the weight of the water remaining at the end of the cycle would be approximately 7 lbs.

The formula would be:

8 lbs. x 45% = 3.6 lbs. of water x .1198 gal./lb. of water = .4 gallons of water remaining.

10 lbs. x 70% = 7 lbs. of water x .1198 gal./lb. of water = .8 gallons of water remaining.

We find more and more of todays loads contain mostly cotton. A good average would be in the realm of 60-65% dry weight of an average load for high efficiency washers.

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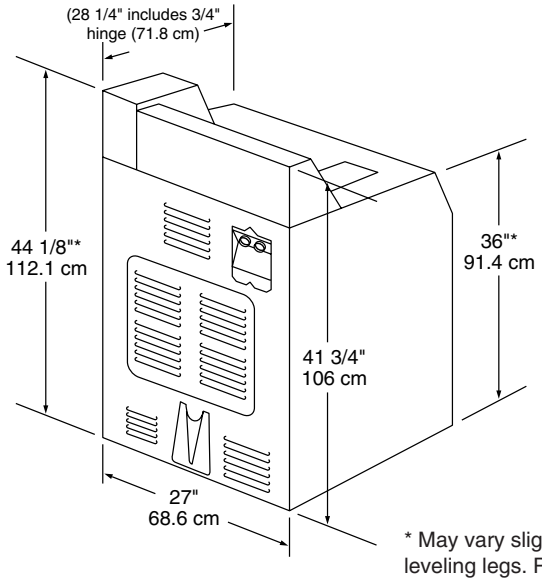
PRODUCT DIMENSIONS



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  Develops 1/4 HP in Wash and 1/2 HP in Spin.
- Some export models: in 240 volts, 50 Hz also available.
- Maximum amperage draw: 7 amps (except for motor acceleration surges)
- Export models: 4 amps
- Cycle Time
  MAH21PD/PS/PR/PN - Can be custom programmed 31-65 minute cycles.
  There is an optional rinse which can vary 4 minutes that would add to these times.
- Water usage (approximately):
  13 - 16 gallons (49 - 60.1 liters) based on cycle and load size.
  5 gallons (18.9 liters) hot water usage per hot wash cycle.
  2.5 gallons (9.5 liters) hot water usage per warm wash cycle.
  0 gallons (0 liters) hot water usage per cold wash cycle.

*Note: If optional additional rinse is used add 3.5 gallons.

- Pressure fill system, not dependent on incoming water pressure or time.
- Weight: Crated (approximately) 225 lbs (102 Kg)
  Uncrated (approximately) 195 lbs (88 Kg).
- Tub capacity - 2.9 cubic feet. (82.1 liters)
- Diameter x Depth - 21.5" x15" (54.6 cm x 38.1 cm)
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WATER CONSUMPTION GALLONS*

CYCLE SELECTION		WASH	BLEACH	RINSE 1	RINSE 2	RINSE 3	TOTAL GALLONS	
WHITE	HOT	5.5	-	-	-	-	5.5	
	COLD	-	.8	3.3	3.0	3.2	10.3	15.8
PERM PRESS	HOT	2.2	-	-	-	-	2.2	
	COLD	3.4	.6	3.1	3.2	3.3	13.6	15.8
COLORS	HOT	2.0	-	-	-	-	2.0	
	COLD	3.6	.7	3.3	2.5	3.4	13.5	15.5
BRIGHT COL.	HOT	-	-	-	-	-	0	
	COLD	5.9	.6	3.2	3.3	3.2	16.2	16.2
WOOLENS	HOT	-	-	-	-	-	0	
	COLD	4.1	.7	2.9	2.5	2.8	13.0	13.0
DELICATES & KNITS	HOT	1.8	-	-	-	-	1.8	
	COLD	2.9	.8	2.8	2.8	2.4	11.7	13.5

WATER CONSUMPTION LITERS*

CYCLE SELECTION		WASH	BLEACH	RINSE 1	RINSE 2	RINSE 3	TOTAL	LITERS
WHITE	HOT	20.8	-	-	-	-	20.8	
	COLD	-	3.0	12.5	11.4	12.1	39.0	59.9
PERM PRESS	HOT	8.3	-	-	-	-	8.3	
	COLD	12.9	2.3	11.7	12.1	12.5	51.5	59.9
COLORS	HOT	7.6	-	-	-	-	7.6	
	COLD	13.6	2.7	12.5	9.5	12.9	51.1	58.7
BRIGHT COL.	HOT	-	-	-	-	-	0	
	COLD	23.4	2.3	12.1	12.5	12.1	61.4	61.4
WOOLENS	HOT	-	-	-	-	-	0	
	COLD	15.5	2.7	11.0	9.5	10.6	49.3	49.3
DELICATES & KNITS	HOT	6.8	-	-	-	-	6.8	
	COLD	11.0	3.0	10.6	10.6	9.1	44.3	51.1

*Based on testing with a 8 lb. AHAM load. Water use will vary from 13-16 gallons (49 - 60.1 Liters) depending on load size and cycle chosen.

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The formula would be:

8 lbs. x 40% = 3.2 lbs. of water x .1198 gal./lb of water = .4 gallons of water remaining.

10 lbs. x 65% = 6.5 lbs. of water x .1198 gal./lb of water = .8 gallons of water remaining.

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