Installation Plan

Washing Machine



PWM 908 DV/DP

Always read the operating and installation instructions before setting up, installing, and commissioning the machine.
This prevents both personal injury and damage to the machine.

en-US

11 282 580/00

Please have the model and serial number of your machine available when contacting Technical Service.

U.S.A.

Miele, Inc.

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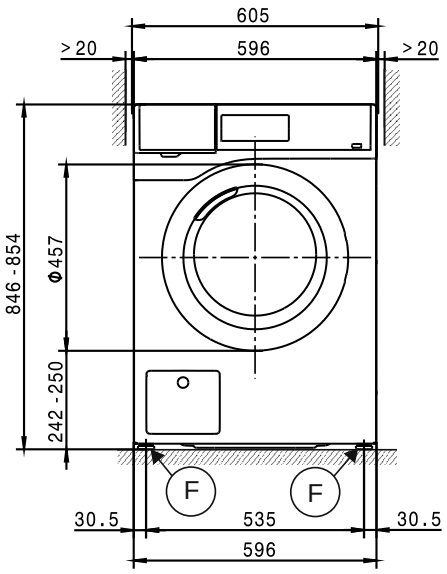
Technical Service & Support
Phone: 800-991-9380
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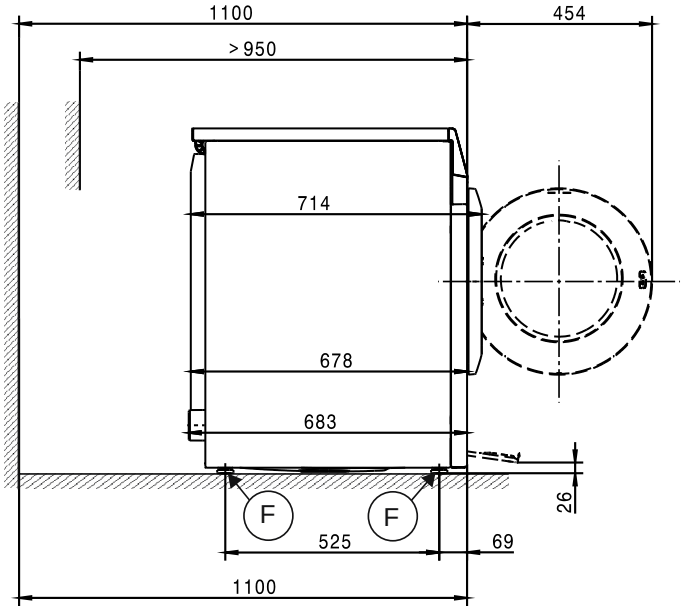
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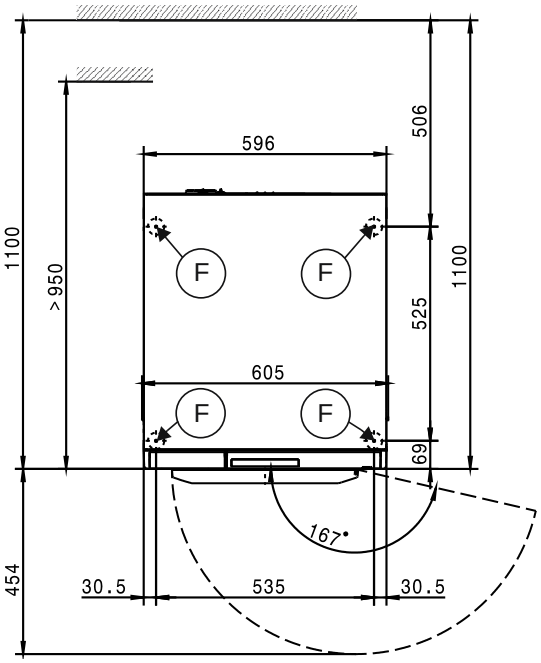
◯	Connection required	◌	Connection optional or required, depending on model
DV	Drain valve	KW	Cold water connection
AW	Drain connection	DP	Drain pump
B	Machine anchoring	PA	Equipotential bonding and grounding
DOS	Dispenser connection	SLA	Peak-load connection
EL	Electrical connection	UG	Closed plinth
F	Machine feet, adjustable	UO	Open plinth
KG	Payment system	APCL	Washer-dryer stacking kit
KGA	Payment system connection	WW	Hot water connection
		XKM	Communication module

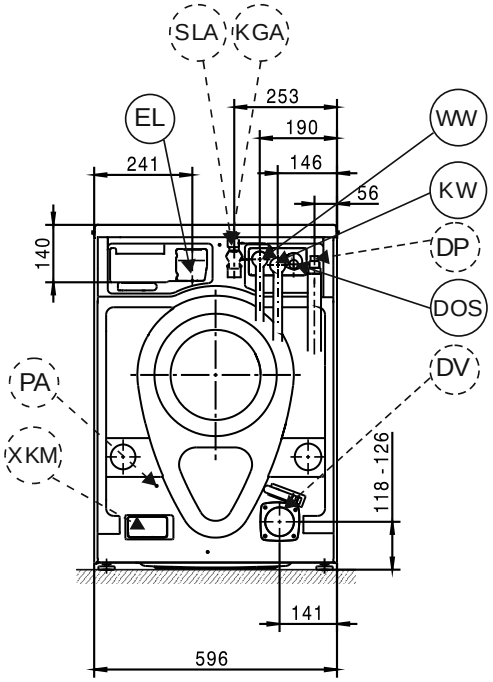
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Machine dimensions

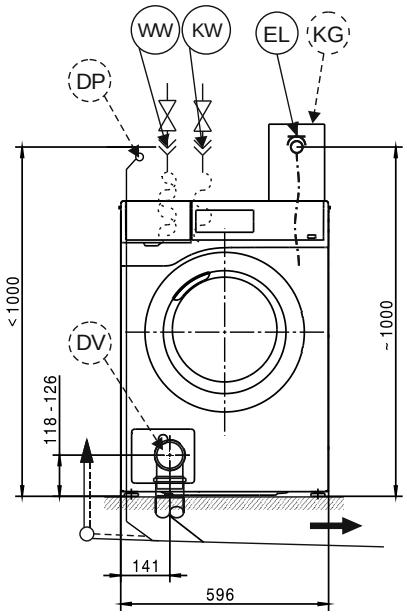


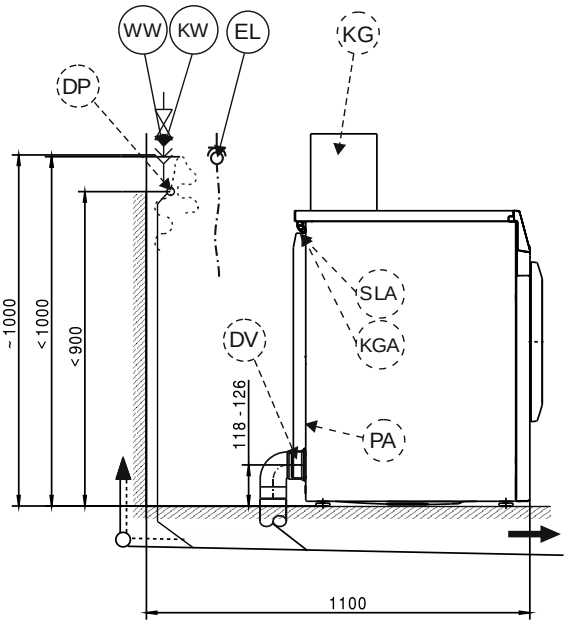


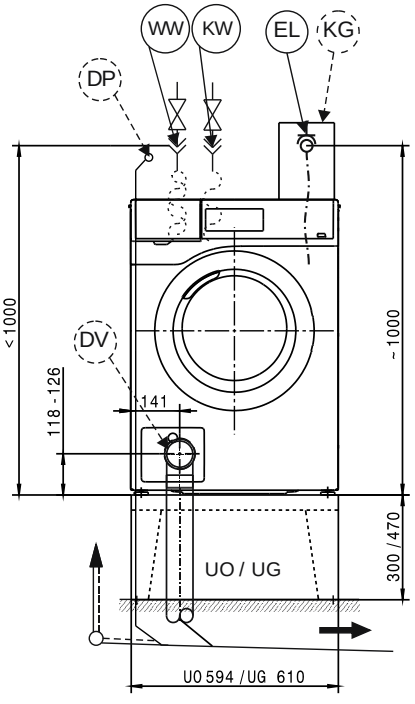


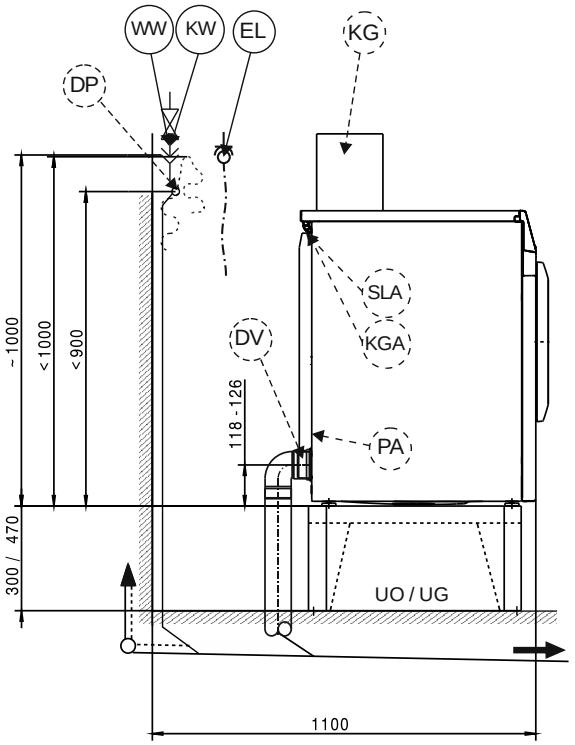


Installation

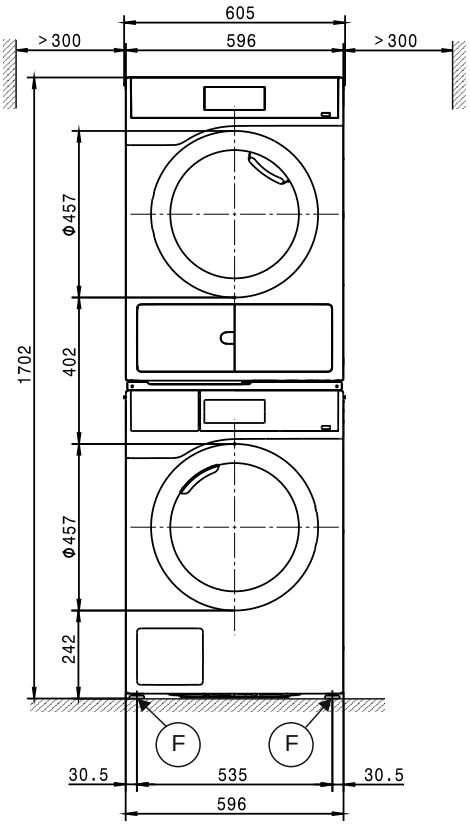


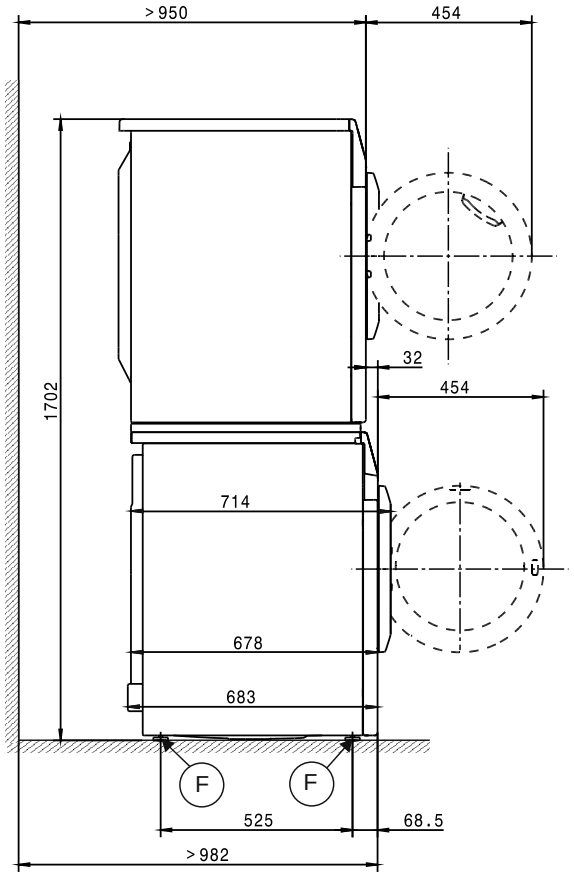


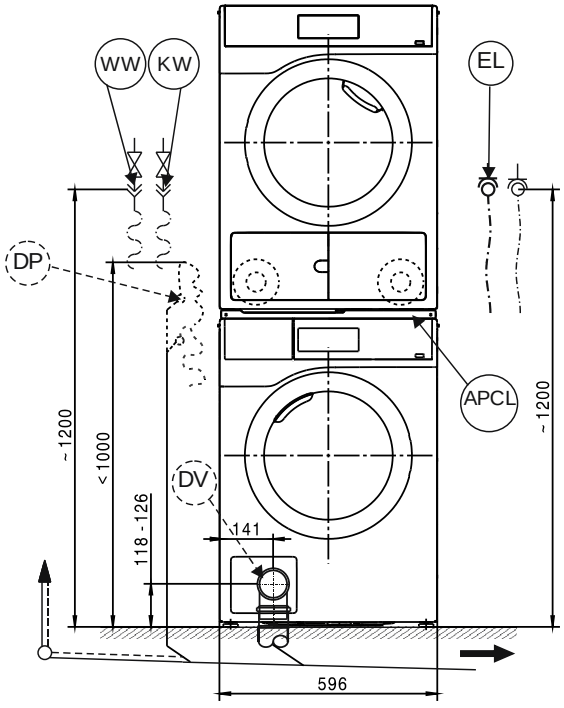


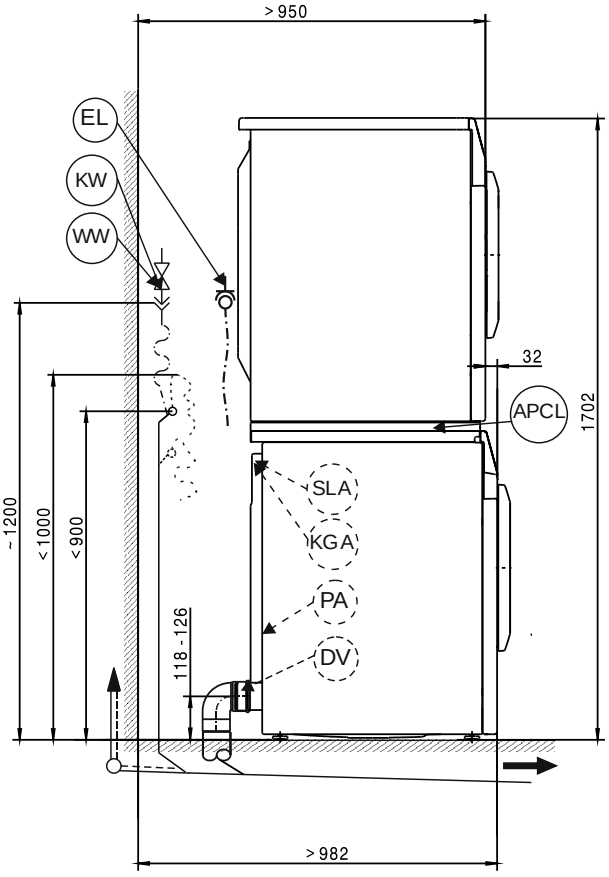


Washer-dryer stack

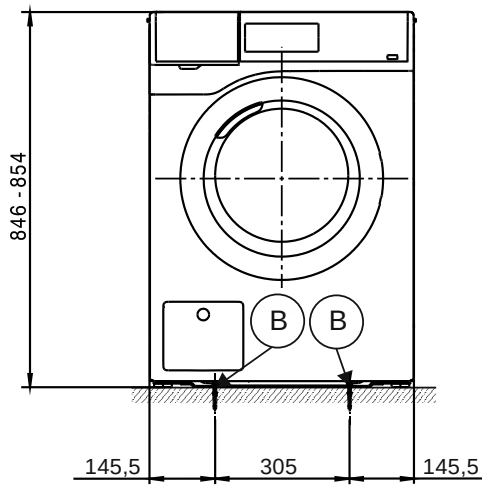


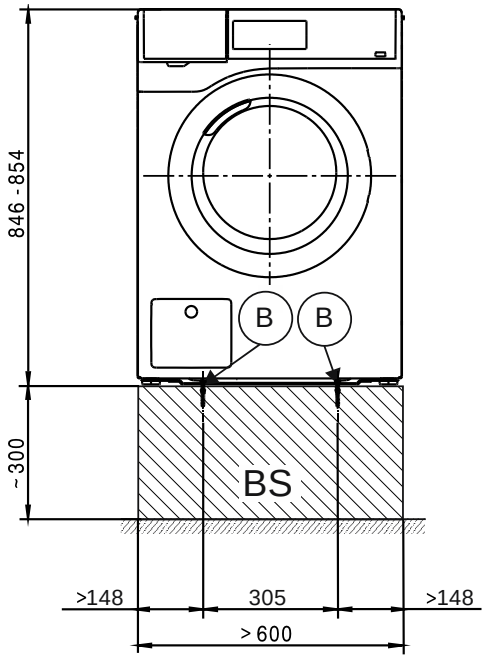


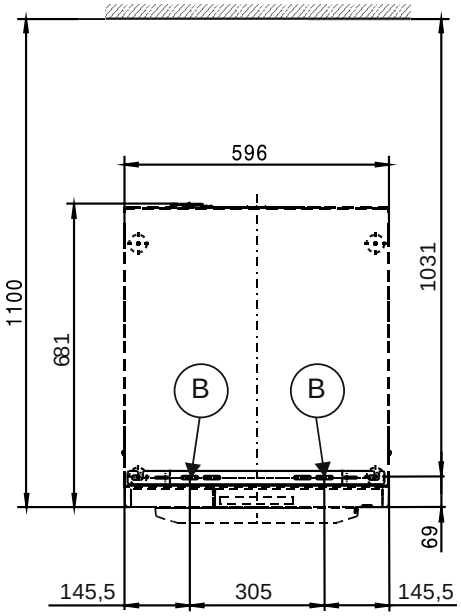


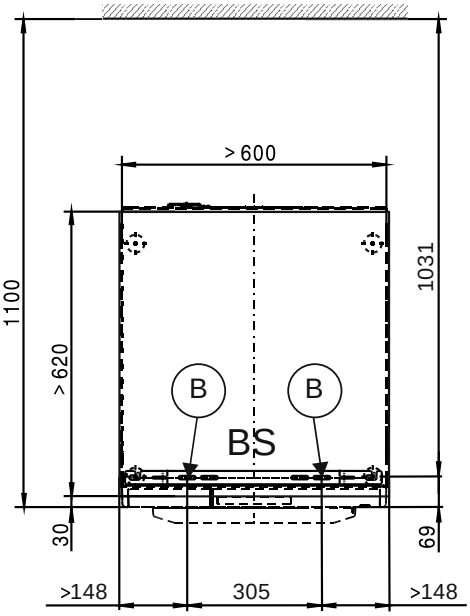


Installation

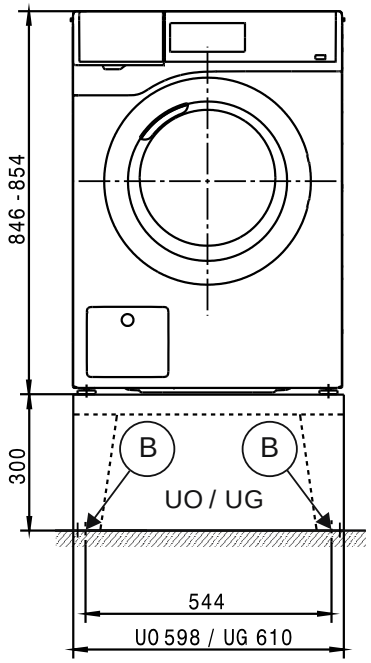


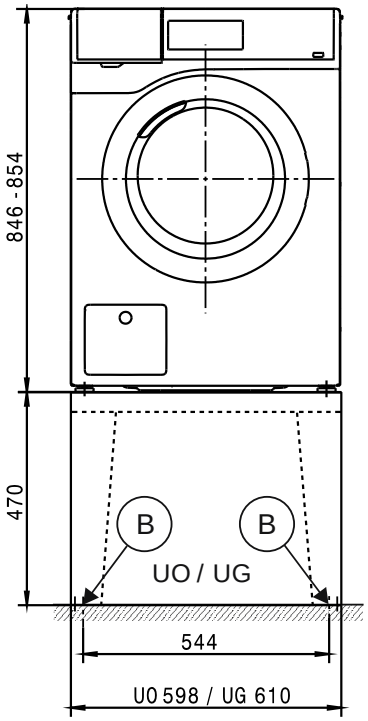


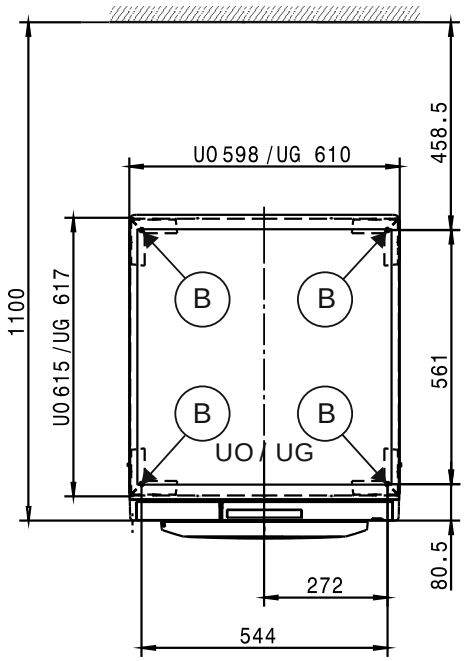


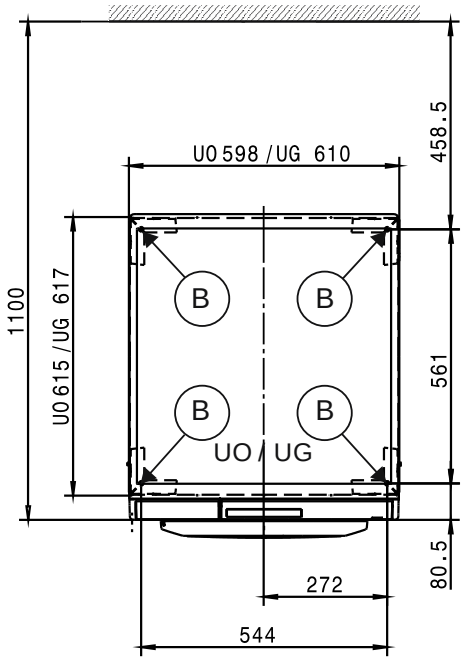


Installation









Technical data

		PWM 908 DV	PWM 908 DP
Drum volume	gal (l)	19.3 (73)	19.3 (73)
Capacity	lb (kg)	17.6 (8.0)	17.6 (8.0)
Door opening diameter	inch (mm)	11 13/16" (300)	11 13/16" (300)
Max. spin speed	rpm	1,600	1,600
g-factor		704	704
Residual moisture (standard load according to DIN 60456)	%	48	48

Electrical connection (EL)

Standard voltage		**2N AC 400 V**	**2N AC 400 V**
Frequency	Hz	50	50
Total rated load	kW	5.5	5.5
Fuse rating (B trip rating according to EN 60898)	A	2 x 16	2 x 16
Power cord min. cross-section	mm²	4 x 1.5	4 x 1.5
Wire without plug		●	●
Wire length	inch (mm)	78 3/4" (2,000)	78 3/4" (2,000)
Alternative voltage (convertible by Technical Service)		**1N AC 230 V**	**1N AC 230 V**
Total rated load	kW	2.85	2.85
Fuse rating (B trip rating according to EN 60898)	A	1 x 16	1 x 16
Power cord min. cross-section	mm²	3 x 1.5	3 x 1.5
Non-standard voltages MAR 400/440/480 (Marine)		**-**	**3 AC 400/440/480V**
Frequency	Hz	-	50/60
Total rated load	kW	-	3.6/4.23/5.0
Fuse rating (B trip rating according to EN 60898)	A	-	3 x 16
Power cord min. cross-section	mm²	-	4 x 1.5
Wire without plug		**-**	●
Wire length	inch (mm)	-	78 3/4" (2,000)
Non-standard voltage MAR 230 (Marine)		**-**	**3 AC 230 V**
Frequency	Hz	-	50/60
Total rated load	kW	-	4.4
Fuse rating (B trip rating according to EN 60898)	A	-	3 x 16
Power cord min. cross-section	mm²	-	4 x 1.5
Wire without plug		**-**	●
Wire length	inch (mm)	-	78 3/4" (2,000)
Non-standard voltage MAR 400 (Marine)		**-**	**2N AC 400 V**
Frequency	Hz	-	50/60
Total rated load	kW	-	5.5
Fuse rating (B trip rating according to EN 60898)	A	-	2 x 16
Power cord min. cross-section	mm²	-	3 x 1.5
Wire without plug		**-**	●
Wire length	inch (mm)	-	78 3/4" (2,000)
Non-standard voltage MAR 208-240 (Marine)		**-**	**2 AC 208-240 V**
Frequency	Hz	-	60
Total rated load	kW	-	4.0 – 5.2
Fuse rating (B trip rating according to EN 60898)	A	-	2 x 30
Power cord min. cross-section		-	3 x AWG10
Wire with plug		**-**	●
Wire length	inch (mm)	-	78 3/4" (2,000)

● = standard, O = optional, + = only on request, - not available

Technical data

		PWM 908 DV	PWM 908 DP
Variations in the following countries:			
Standard voltage 13 A (GB only)		**2N AC 400 V**	**2N AC 400 V**
Frequency	Hz	50	50
Total rated load	kW	5.5	5.5
Fuse rating (B trip rating according to EN 60898)	A	2 x 13	2 x 13
Power cord min. cross-section	mm²	4 x 1.5	4 x 1.5
Wire without plug		●	●
Wire length	inch (mm)	78 3/4" (2,000)	78 3/4" (2,000)
Alternative voltage (convertible)		**1N AC 230 V**	**1N AC 230 V**
Total rated load	kW	2.85	2.85
Fuse rating (B trip rating according to EN 60898)	A	1 x 13	1 x 13
Power cord min. cross-section	mm²	3 x 1.5	3 x 1.5
Standard voltage 25 A (GB only)		**1N AC 220-240 V**	**1N AC 220-240 V**
Frequency	Hz	50	50
Total rated load	kW	5.05 – 6.0	5.05 – 6.0
Fuse rating (B trip rating according to EN 60898)	A	1 x 25	1 x 25
Power cord min. cross-section	mm²	3 x 2.5	3 x 2.5
Wire without plug		●	●
Wire length	inch (mm)	78 3/4" (2,000)	78 3/4" (2,000)
Standard voltage (CH, DK, S only)		**3N AC 400 V**	**3N AC 400 V**
Frequency	Hz	50	50
Total rated load	kW	4.8	4.8
Fuse rating (B trip rating according to EN 60898)	A	3 x 10	3 x 10
Power cord min. cross-section	mm²	5 x 1.5	5 x 1.5
Wire without plug		●	●
Wire length	inch (mm)	78 3/4" (2,000)	78 3/4" (2,000)
Standard voltage (B only)		**2N AC 400 V**	**2N AC 400 V**
Frequency	Hz	50	50
Total rated load	kW	5.5	5.5
Fuse rating (B trip rating according to EN 60898)	A	2 x 16	2 x 16
Power cord min. cross-section	mm²	4 x 2.5	4 x 2.5
Wire without plug		●	●
Wire length	inch (mm)	78 3/4" (2,000)	78 3/4" (2,000)
Alternative voltage (convertible)		**3 AC 230 V**	**3 AC 230 V**
Total rated load	kW	5.5	5.5
Fuse rating (B trip rating according to EN 60898)	A	3 x 20	3 x 20
Power cord min. cross-section	mm²	4 x 2.5	4 x 2.5
Alternative voltage (convertible)		**1N AC 230**	**1N AC 230**
Total rated load	kW	2.85	2.85
Fuse rating (B trip rating according to EN 60898)	A	1 x 16	1 x 16
Power cord min. cross-section	mm²	3 x 1.5	3 x 1.5
Standard voltage (N only)		**1N AC 230 V**	**1N AC 230 V**
Frequency	Hz	50	50
Total rated load	kW	2.85	2.85
Fuse rating (B trip rating according to EN 60898)	A	1 x 16	1 x 16
Power cord min. cross-section	mm²	3 x 1.5	3 x 1.5
Wire with plug		●	●
Wire length	inch (mm)	78 3/4" (2,000)	78 3/4" (2,000)
Alternative voltage (convertible)		**3 AC 230 V**	**3 AC 230 V**
Total rated load	kW	5.5	5.5
Fuse rating (B trip rating according to EN 60898)	A	3 x 20	3 x 20
Power cord min. cross-section	mm²	4 x 2.5	4 x 2.5

● = standard, O = optional, + = only on request, - not available

Technical data

		PWM 908 DV	PWM 908 DP
Alternative voltage (convertible)		**2N AC 400 V**	**2N AC 400 V**
Total rated load	kW	5.5	5.5
Fuse rating (B trip rating according to EN 60898)	A	2 x 16	2 x 16
Power cord min. cross-section	mm²	4 x 1.5	4 x 1.5
Standard voltage (AUS only)		**1N AC 230 V**	**1N AC 230 V**
Frequency	Hz	50	50
Total rated load	kW	5.5	5.5
Fuse rating	A	1 x 25	1 x 25
Power cord min. cross-section	mm²	3 x 2.5	3 x 2.5
Wire without plug		●	●
Wire length	inch (mm)	78 3/4" (2,000)	78 3/4" (2,000)
Standard voltage (AUS only)		-	**1N AC 230 V**
Frequency	Hz	-	50
Total rated load	kW	-	2.85
Fuse rating	A	-	1 x 16
Power cord min. cross-section	mm²	-	3 x 1.5
Wire with plug		**-**	●
Wire length	inch (mm)	-	78 3/4" (2,000)
Alternative voltage (convertible)		-	**1N AC 230 V**
Frequency	Hz	-	50
Total rated load	kW	-	5.5
Fuse rating	A	-	1 x 25
Power cord min. cross-section	mm²	-	3 x 2.5
Standard voltage for CDN & USA		**-**	**2 AC 208-240 V**
Frequency	Hz	-	60
Total rated load	kW	-	4.0 – 5.2
Fuse rating	A	-	2 x 30
Power cord min. cross-section		-	3 x AWG10
Wire with plug		-	●
Wire length	inch (mm)	-	78 3/4" 2000
Cold water (KW)			
Permissible water flow pressure	PSI (kPa)	1.45 – 14.5 (100 – 1,000)	1.45 – 14.5 (100 – 1,000)
Required flow rate (cold water connection only)	gal/min (l/min)	2.9 (11)	2.9 (11)
Required flow rate (with additional hot water connection)	gal/min (l/min)	2.6 (10)	2.6 (10)
Average water consumption (60°C standard programme)	gal/h (l/h)	10.5 (40)	10.5 (40)
Connection to be provided on site, external thread according to DIN 44991 (flat seal)	Inches	¾"	¾"
Connection hose ½" with ¾" threaded union		●	●
Connection hose length	inch (mm)	61 (1,550)	61 (1,550)
Hot water (WW)			
Max. water intake temperature	°F (°C)	158 (70)	158 (70)
Permissible water flow pressure	PSI (kPa)	1.45 – 14.5 (100 – 1,000)	1.45 – 14.5 (100 – 1,000)
Required flow rate	gal/min (l/min)	2.9 (11)	2.9 (11)
Average water consumption (60°C standard programme)	gal/h (l/h)	3.4 (13)	3.4 (13)
Connection to be provided on site, external thread according to DIN 44991 (flat seal)	Inches	¾"	¾"
Connection hose ½" with ¾" threaded union		●	●
Connection hose length	inch (mm)	61 (1,550)	61 (1,550)
Drain valve (DV)			
Connector (ext. diameter)	inch (mm)	3 (75) /DN70	-
Max. drainage temperature	°F (°C)	194 (90)	
Max. transient flow rate	gal/min (l/min)	16 (62)	-

● = standard, O = optional, + = only on request, - not available

Technical data

		PWM 908 DV	PWM 908 DP
Drain pump (DP)			
Hose connection (external diameter)	inch (mm)	-	7/8 (22) /DN22
Max. drainage temperature	°F (°C)	-	194 (90)
On-site hose sleeve (int. diameter x length)	inch (mm)	-	22 x 30
Max. transient flow rate	gal/min (l/min)	-	6.8 (26)
Max. delivery head (from lower edge of machine)	inch (mm)	-	39 3/8" (1000)
Drain hose DN 22 with connector (supplied as standard)		-	●
Connection hose length	inch (mm)	-	59 1/16" (1500)
Potential equalization (PA)			
Machine connection (separate kit required)		O	O
XCI box LG interface		●	●
Peak load/energy management (SLA)			
Machine connection (with XCI box LG)		O	O
Payment system connection (KGA)			
Connection of payment systems (with XCI box LG)		O	O
Communication module (XKM)			
Communication module XKM 3200 WL PLT		O	O
Liquid dispensing (DOS)			
Connection for liquid dispensing agents		●	●
Max. no. of dispenser pumps	No.	6	6
XCI box LG interface		O	O
Installation on machine feet (F)			
No. of machine feet	No.	4	4
Machine foot, height-adjustable with thread	inch (mm)	+5/16" (8)	+5/16" (8)
Machine foot diameter	inch (mm)	10.5 (40)	10.5 (40)
Anchoring (B)			
Standard floor anchoring			
Floor anchor kit (for 2 machine feet) with anchors		●	●
Wood screws according to DIN 571	inch (mm)	6 x 50	6 x 50
Rawl plugs (diameter x length)	inch (mm)	8 x 40	8 x 40
Anchoring of Miele Plinths			
Accessory: Miele Plinth installation (fasteners included)		O	O
Required anchor points	No.	4	4
Wood screws according to DIN 571	inch (mm)	8 x 65	8 x 65
Rawl plugs (diameter x length)	inch (mm)	12 x 60	12 x 60
Plinth floor anchoring (to be provided on site)			
Machine installation on on-site plinth (concrete or masonry)		O	O
Min. plinth installation footprint (W/D)	inch (mm)	23 5/8"/25 9/16" (600/650)	23 5/8"/25 9/16" (600/650)
Wood screws according to DIN 571	inch (mm)	6 x 50	6 x 50
Rawl plugs (diameter x length)	inch (mm)	8 x 40	8 x 40

● = standard, O = optional, + = only on request, - not available

Technical data

		PWM 908 DV	PWM 908 DP
Machine data			
Overall machine dimensions (H/W/D)	inch (mm)	33 5/8"/23 13/16"/28 1/8" (854/605/714)	33 5/8"/23 13/16"/28 1/8" (854/605/714)
Casing dimensions (H/W/D)	inch (mm)	33 7/16"/23 7/16"/26 11/16" (850/596/678)	33 7/16"/23 7/16"/26 11/16" (850/596/678)
Site-access dimensions (H/W)			
Min. site-access opening (excl. packaging)	inch (mm)	35 7/16"/23 13/16" (900/605)	35 7/16"/23 13/16" (900/605)
Installation dimensions			
Min. side gap	inch (mm)	13/16" (20)	13/16" (20)
Recommended side gap – washer-dryer stack	inch (mm)	>11 13/16" (300)	>11 13/16" (300)
Min. distance to opposite wall from front of machine	inch (mm)	37 3/8" (950)	37 3/8" (950)
Recommended distance to opposite wall from front of machine	inch (mm)	43 5/16" (1,100)	43 5/16" (1,100)
Weights and floor loads			
Machine weight (net weight)	lb (kg)	227 (103)	227 (103)
Max. floor load in operation	N	2,820	2,820
Max. floor load, static	N	1,380	1,380
Max. floor load, dynamic	N	1365	1365
Emissions			
Sound pressure level (in accordance with EN ISO 11204/11203)	dB(A)	<70	<70
Heat dissipation rate to installation site	W	250	250

● = standard, O = optional, + = only on request, - not available

Installation and planning notes

Installation requirements

The machine should only be connected to a power supply provided in accordance with all appropriate local and national legislation and regulations.

In addition, all regulations issued by the appropriate utilities as well as standards relating to occupational safety and all applicable valid regulations and technical standards must be observed.

Transportation and site access

The washing machine must not be moved without the shipping struts in place. Keep the struts in a safe place. They must be refitted if the machine is to be moved again (e.g., when moving house).

General operating conditions

Ambient temperature in installation room: +36°F to +95°F (+2°C to +35°C).

Depending on the nature of the installation site, sound emissions and vibration may occur. Miele recommends having the installation site inspected and seeking the advice of a professional in instances where increased noise may cause a nuisance.

Electrical connection

Depending on the model, the machine will be delivered with a wire with/without a plug.

The machine may only be connected to an electrical system that conforms to national and local codes and regulations. This connection must be made by a qualified electrician.

The data tag indicates the nominal power consumption and the appropriate fuse rating. Compare the specifications on the data tag with those of the electrical power supply.

The machine can either be hard-wired or connected using a plug-and-socket connection in accordance with IEC 60309-1. Miele always recommends connecting the machine via a plug and socket so that electrical safety checks can be carried out easily (during repair or service work, for example).

If the machine is hard-wired, a dual circuit breaker must be provided on site. When switched off, there must be an all-pole contact gap of at least 3 mm in the isolator switch (including circuit breakers, breakers, and relays according to IEC/EN 60947).

The plug connector or isolator switch should be easily accessible at all times. If the machine is disconnected from the electricity supply, the isolator must be lockable or the point of disconnection must be monitored at all times.

New connections, modifications to the system, or servicing of the ground conductor, including determining the correct fuse rating, must be carried out by a qualified electrician, as they are familiar with the pertinent regulations and the specific requirements of the electric utility company.

If converting the machine to an alternative voltage, follow the instructions in the wiring diagram. Conversion must be performed by Miele Technical Service or by an authorized service technician. The heater rating must also be adapted.

The machine must not be connected to devices such as timers which would switch it off automatically.

References to cable cross-sections in the technical data refer only to the required power cord. Please consult relevant local and national regulations when calculating any other wire gauges.

Cold water connection

The washing machine should be connected to a domestic water supply in accordance with current local and national safety regulations.

Connection to the water supply should be carried out by a qualified plumber using a stopcock with a threaded union. If a stopcock is not available, the qualified plumber should connect the machine to the domestic water supply.

A suitable connection hose with a threaded union is supplied with the machine.

Longer hoses 8' 2 1/2" or 13' 1 1/2" (2.5 m or 4.0 m) in length are available from Miele Technical Service or from your Miele dealer as accessories.

Hot water connection

The same connection requirements as for cold water also apply to hot water (max. 158°F/70°C).

A suitable connection hose with a threaded union is supplied with the machine.

The hot water connection appliance also requires a cold water connection.

In the event that hot water is not available on site, connection of the second hose must be made to a cold water supply.

Alternatively, the hot water connection should be blocked using the enclosed blind stopper and the machine controls set to cold water intake.

The required amount of hot water should be added to the cold water volume.

Drain valve (depending on model)

The machine is drained using a motorized drain valve. It can be connected directly to the on-site drainage system (without a siphon) or via a floor drain (gully with odor trap).

A vented drainage system is vital for unimpeded drainage. If on-site venting is insufficient, a vent kit (mat. no. 05 239 540) is available from your Miele dealer or Miele Technical Service.

If several machines are connected to a single drain pipe, this should be sufficiently large to allow all machines to drain simultaneously.

Drain pump (depending on model)

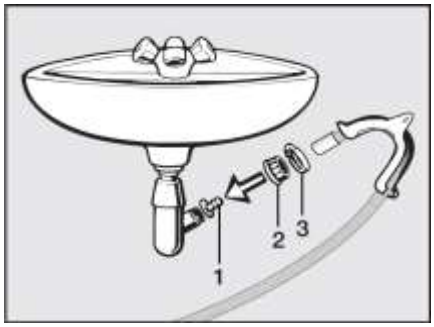
The suds are drained through a drain pump with a 1 m delivery head. For the water to drain freely, the hose must be installed free of kinks.

Drainage options:

1. Connected securely to a plastic drain pipe with a rubber nipple (there is no need to use a siphon).
2. Connected securely to a sink with a plastic nipple.
3. Connected securely to a floor drain.

Connecting the drain hose to a sink drain outlet

The drain hose can be connected securely to a suitable sink drain outlet.



If required, the hose can be extended to a length of up to 16.4 ft (5 m). Accessories are available from your Miele dealer or Miele Technical Service.

For a drain height of more than 3' 3 3/8" (1 m) up to a max. of 1.6 m), a replacement drain pump is available from Miele Technical Service or your Miele dealer.

Equipotential bonding and grounding

If necessary, an equipotential bond with good contact connection must be provided in accordance with all appropriate national and local regulations.

Material for equipotential bonding and grounding must be provided on site or using a kit available from Miele Technical Service.

Peak load/Energy management

The machine can be connected to a peak-load or energy management system using an optional kit.

When the peak-load function is activated, the heating is deactivated. A message appears in the display to inform you of this.

Liquid dispensing connection

External liquid dispenser pumps with a “container empty” indicator can be used to dispense liquid detergents.

The dispenser pumps can only be programmed with MDU.

It is particularly important to follow the manufacturer’s instructions when using a combination of detergents, additives, and special-purpose products.

Payment system

This washing machine can be equipped with a single-machine payment system as an optional accessory using an optional kit (XCI box).

The programming required for connecting a payment system can be carried out during the initial commissioning process. After initial commissioning, changes may only be carried out by your Miele dealer or Miele Technical Service.

Interface

The machine can be retrofitted with an XKM 3200 WL PLT communication module.

This module can be used as a WiFi or LAN interface.

The LAN interface provided via the module complies with SELV (Safety Extra Low Voltage) in accordance with EN 60950. Connected appliances must also comply with SELV. The LAN connection uses a RJ45 connector in accordance with EIA/TIA 568-B.

Installation

The machine must be installed on a perfectly smooth, level, and firm surface which is able to withstand the quoted loads.

The floor load created by the machine is concentrated and transferred to the installation footprint via the machine feet.

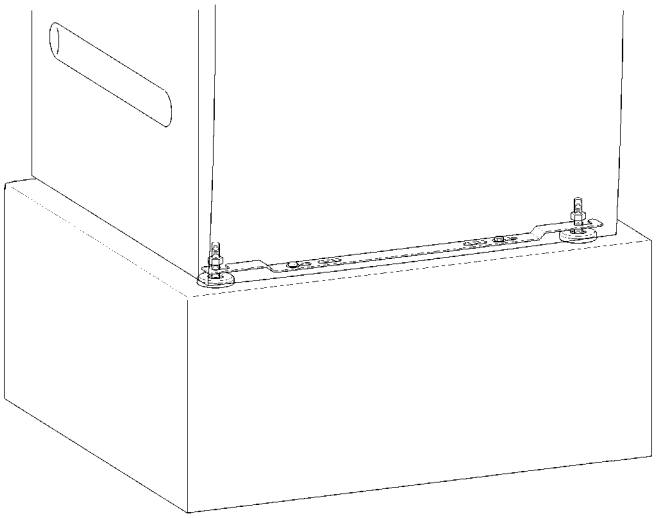
The machine should be leveled in both directions with the aid of the adjustable feet.

Plinth installation

The washing machine can be installed on a machine plinth (open or box plinth, available as an optional Miele accessory) or on a concrete plinth to be provided on site.

The quality of the concrete and its strength must be assessed according to the machine load. Ensure that any raised concrete plinth is adequately bonded to the floor below.

If the washing machine is installed on a concrete or masonry plinth, it must be secured using the anchors supplied with the machine. Otherwise, there is a risk of the washing machine moving about during spinning and falling off the plinth.



The anchors provided can be used to bolt the machine to the floor by both front feet. The fasteners provided are intended for use in bolting the machine to a concrete floor.

Washer-dryer stack

The washing machine can be installed as a washer-dryer stack together with a Miele Tumble Dryer. A stacking kit (optional accessory) is required for this.

Installation of the stacking kit must be performed by Miele Technical Service or an authorized Miele service technician.