Installation plan

Washing machine

PWM 908 DV/DP

It is **essential** to read the operating and installation instructions before installation and commissioning.
This prevents both personal injury and damage to the appliance.

en-AU, NZ

11 284 920/05

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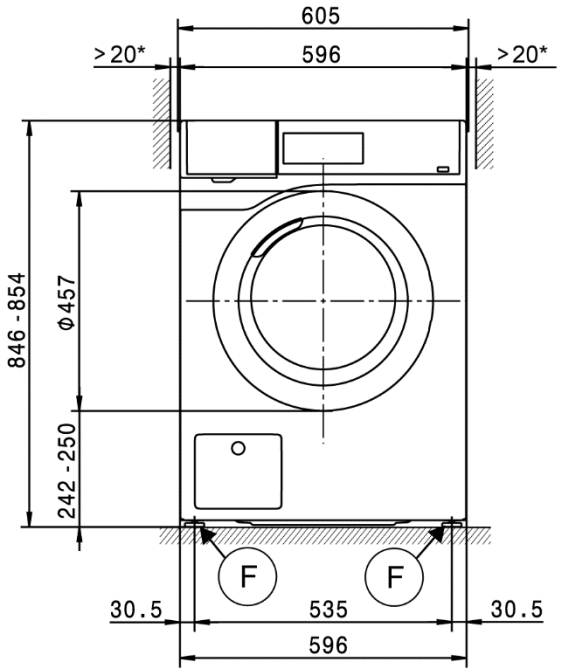
Legend:

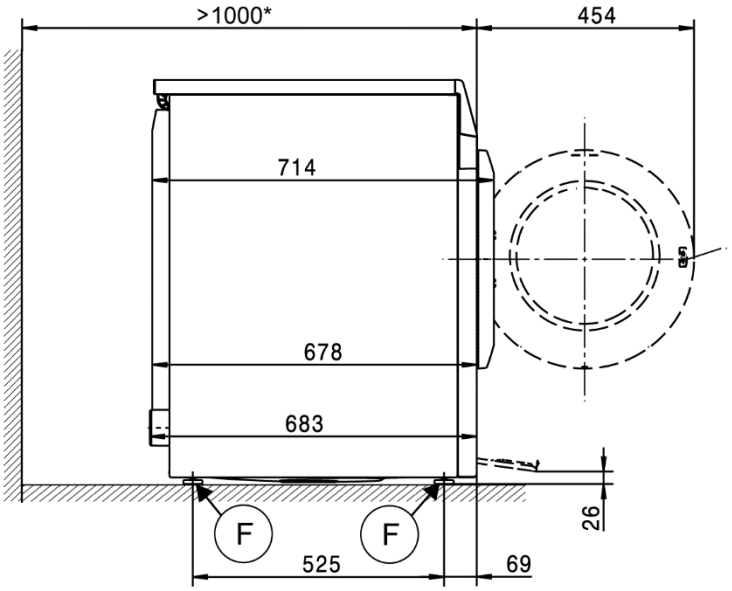
◯	Connection required	◌	Connection optional or required, depending on model
DV	Drain valve	KW	Cold water connection
AW	Waste water connection	DP	Drain pump
B	Appliance anchoring	PA	Equipotential bonding
DOS	Dispenser connection	SLA	Peak load connection
EL	Electrical connection	APCL SST	Box plinth
F	Appliance feet, adjustable	APCL OB	Open plinth
KG	Payment system	APCL 001	Washer-dryer stacking kit
KGA	Payment system connection	WW	Hot water connection
		XKM	Communication module

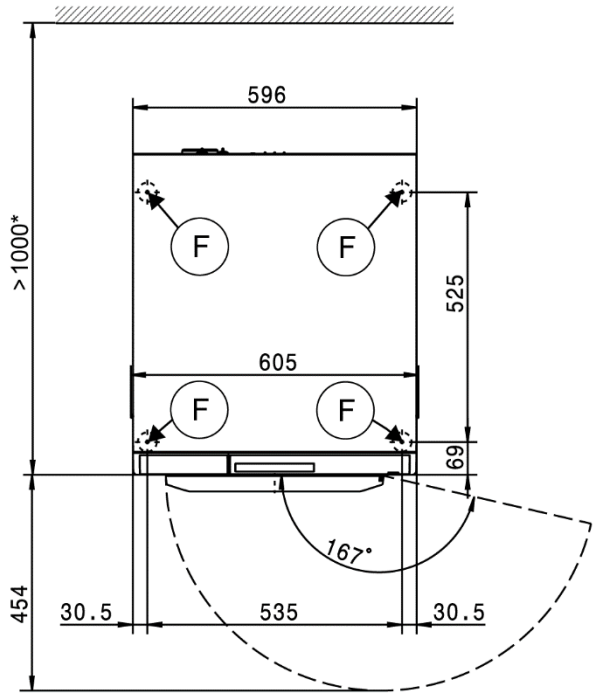
Technical changes and errors excepted.

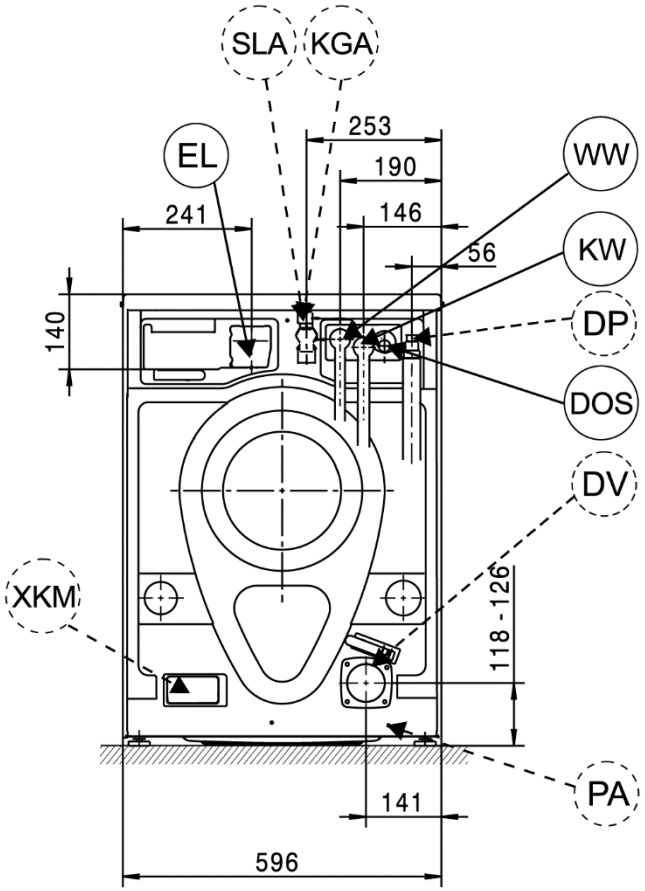
Appliance dimensions

* The wall spacers are recommended for making service work easier. The machine may be pushed against the wall if installation conditions mean there is limited space.









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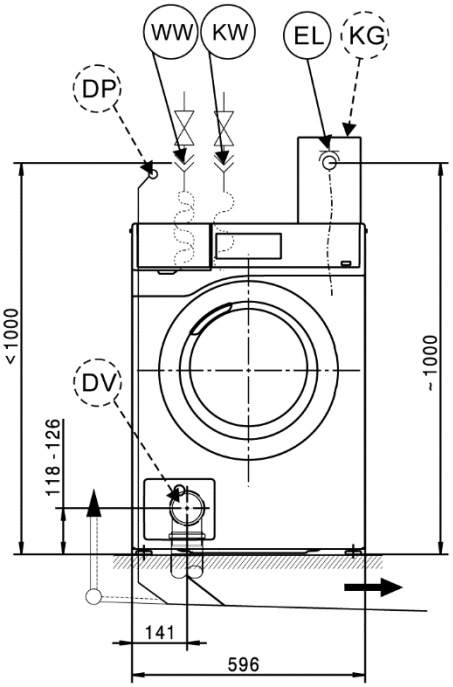

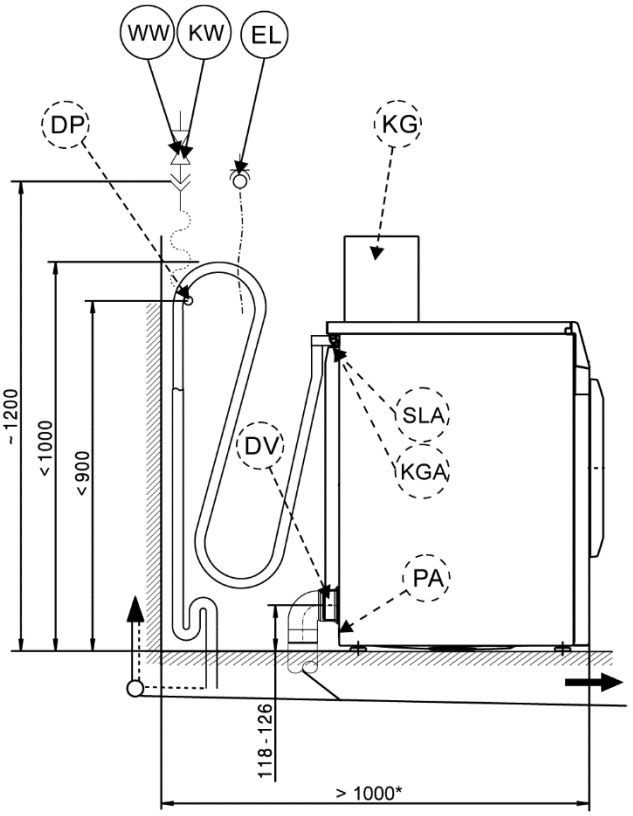

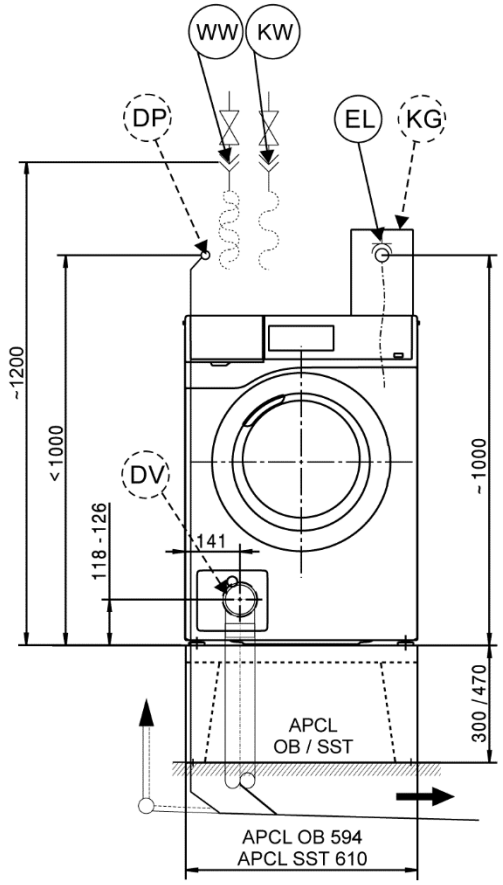

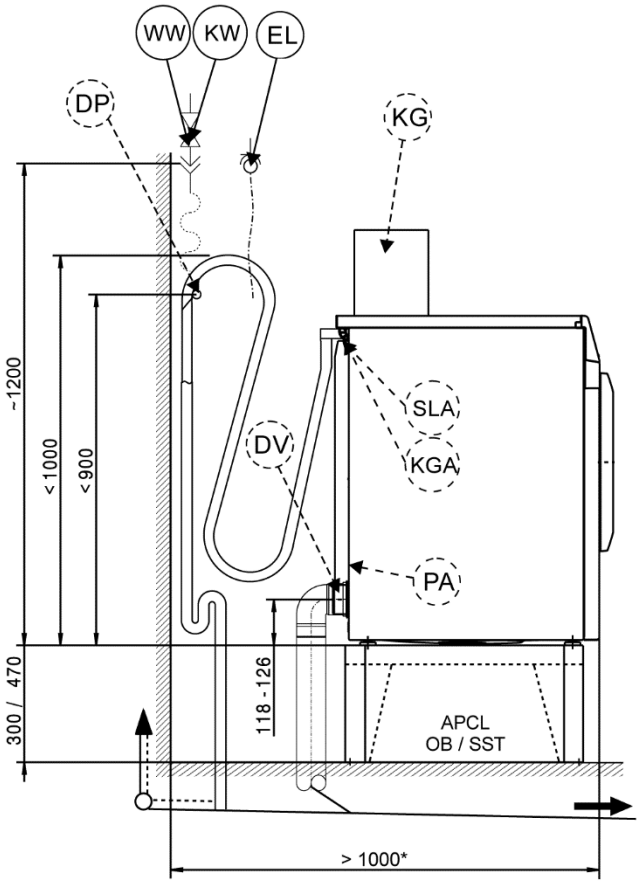

Washer-dryer stack

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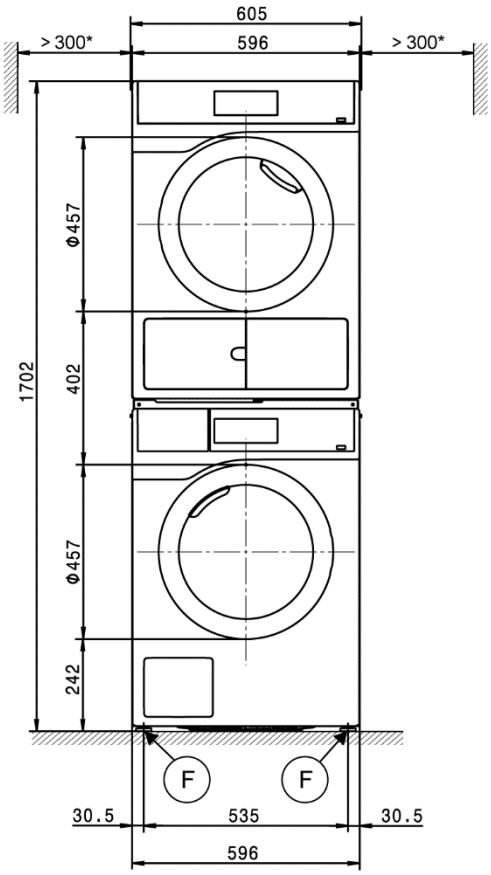

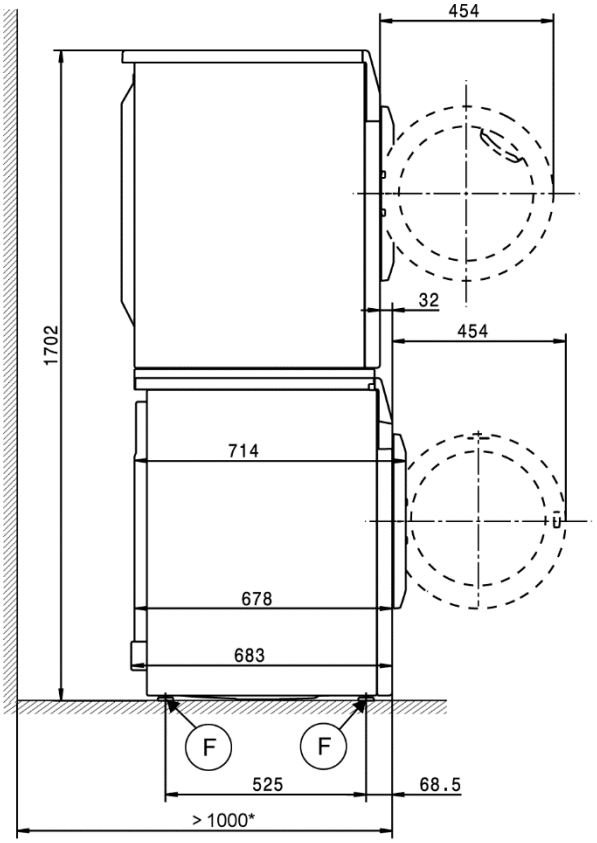

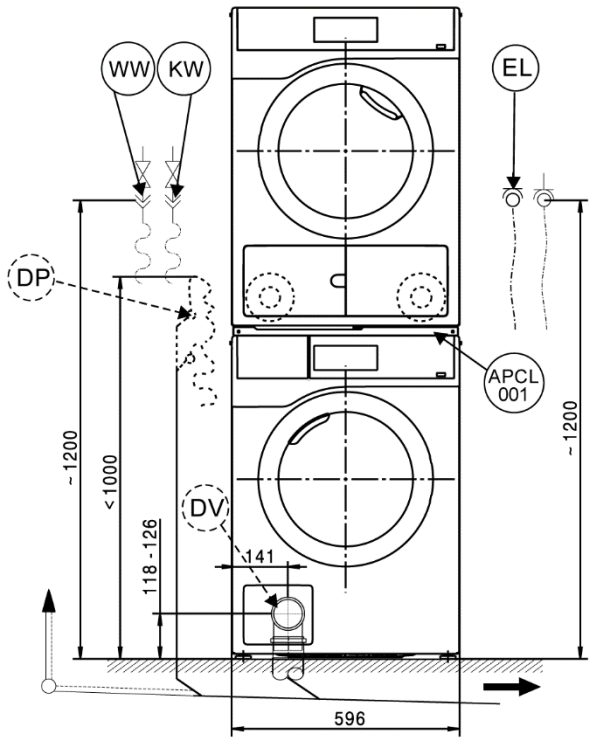

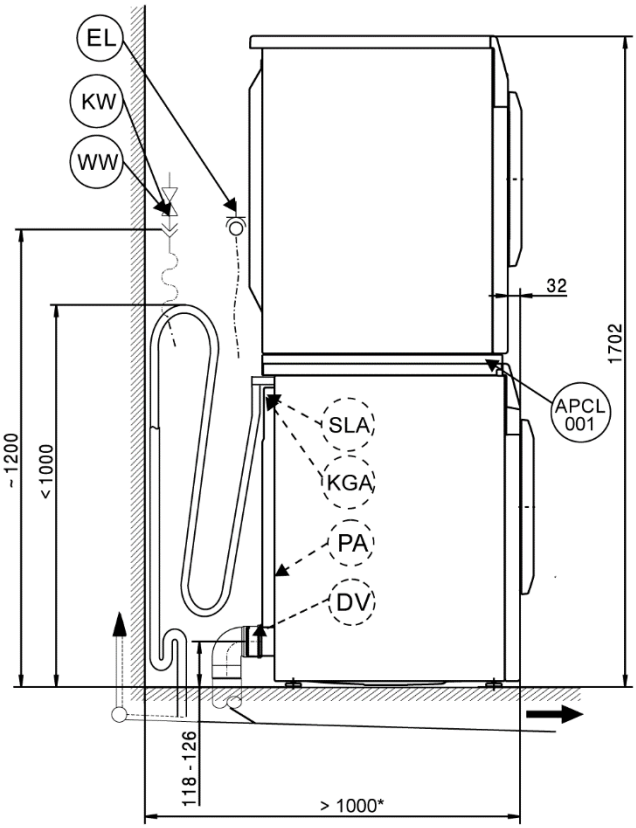

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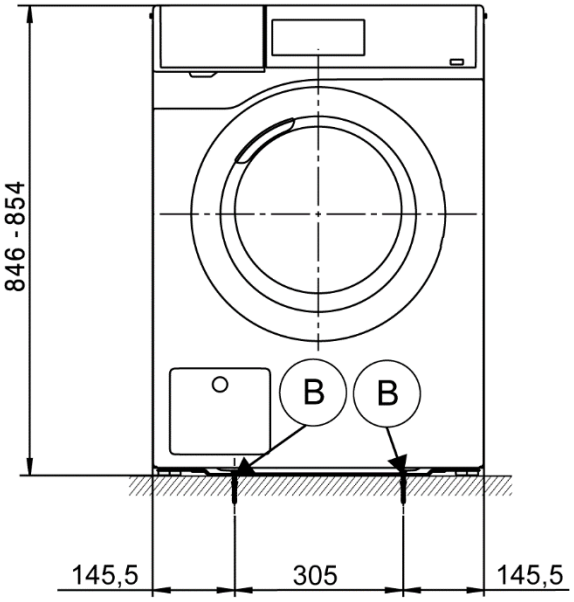

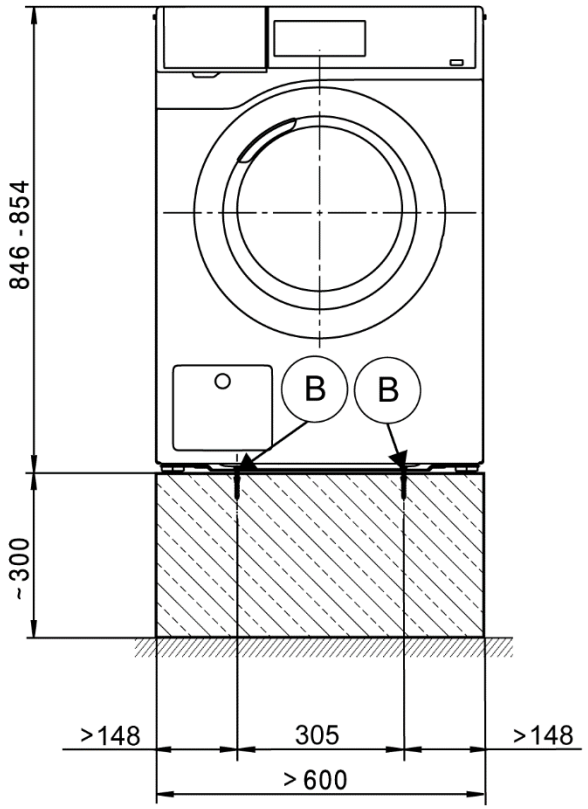

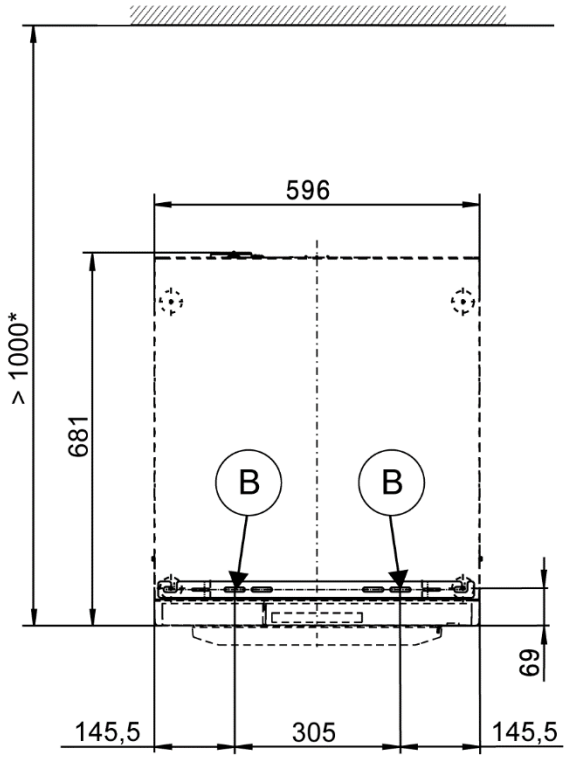

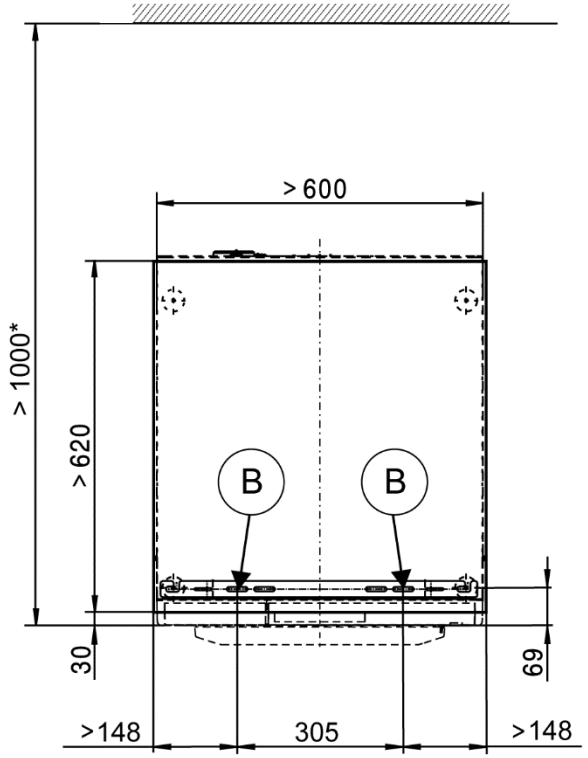

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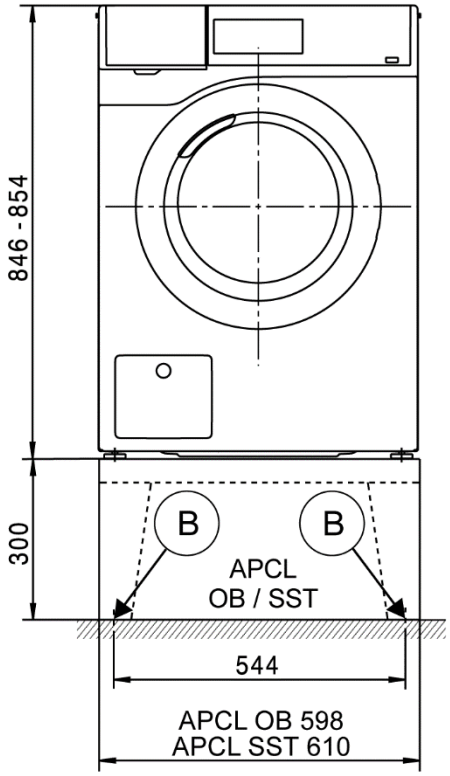
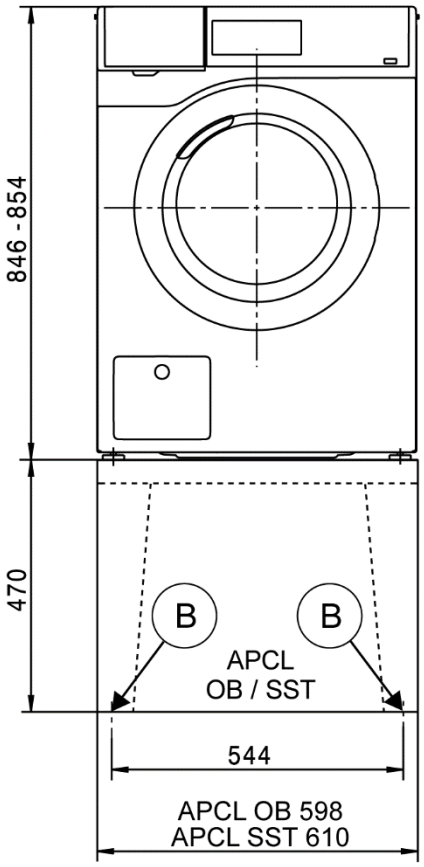
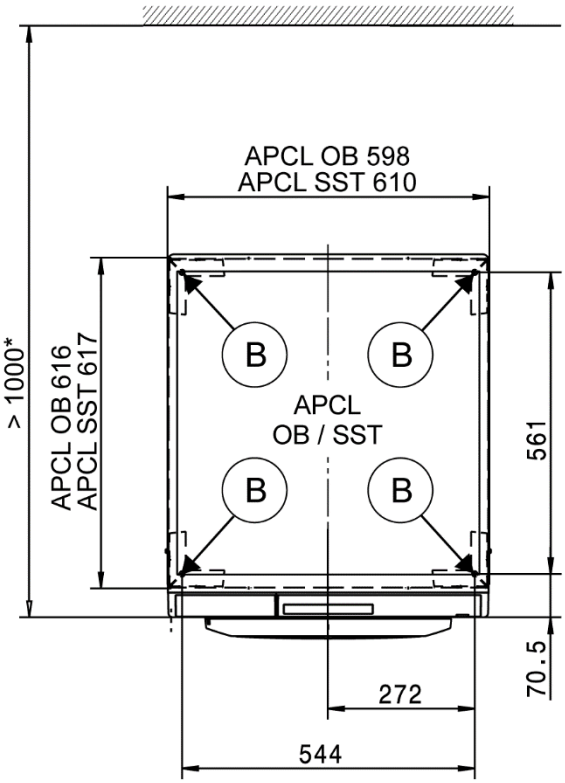
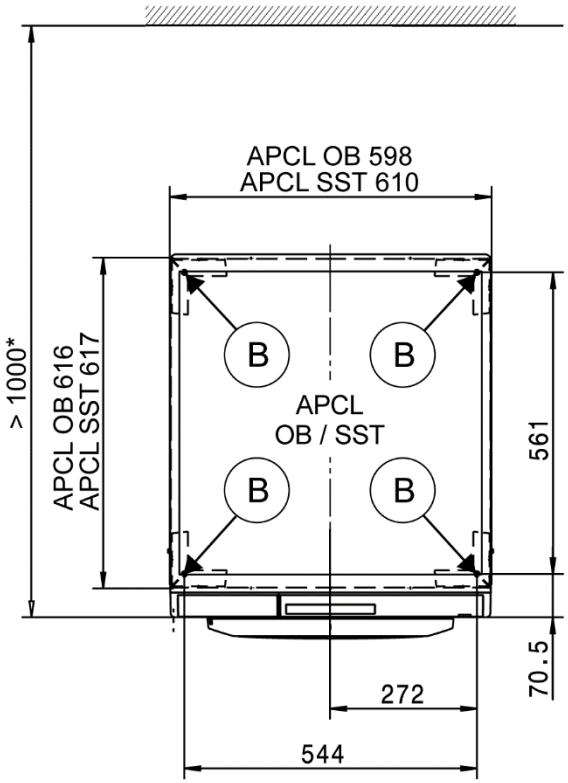








Technical data

		PWM 908 DV	PWM 908 DP
Drum volume	l	73	73
Load capacity	kg	8.0	8.0
Door opening diameter	mm	300	300
Max. spin speed	rpm	1600	1600
g factor		704	704
Electrical connection (EL)			
Standard voltage (AU, NZ)		**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
Supply cable min. cross-section	mm²	3 x 2.5	3 x 2.5
Supply cable with plug		-	O
Length of supply cable	mm	2000	2000
Standard voltage (AU, NZ)		**-**	**1N AC 230 V**
Frequency	Hz	-	50
Total rated load	kW	-	2.85
Fuse rating	A	-	1 x 16
Supply cable min. cross-section	mm²	-	3 x 1.5
Supply cable with plug		-	●
Length of supply cable	mm	-	2000
Non-standard voltages MAR 400/440/480 (Marine)		**-**	**3 AC 400/440/480 V**
Frequency	Hz	-	50/60
Total rated load	kW	-	3.6/4.2/5.0
Fuse rating	A	-	3 x 16
Supply cable min. cross-section	mm²	-	4 x 1.5
Supply cable without plug		-	●
Length of supply cable	mm	-	2000
Non-standard voltages MAR 230 (Marine)		**-**	**3 AC 230 V**
Frequency	Hz	-	60
Total rated load	kW	-	4.4
Fuse rating	A	-	3 x 16
Supply cable min. cross-section	mm²	-	4 x 1.5
Supply cable without plug		-	●
Length of supply cable	mm	-	2000
Cold water (KW)			
Permissible water flow pressure	kPa	100–1000	100–1000
Required flow rate (cold water connection only)	l/min	11	11
Required flow rate (with additional hot water connection)	l/min	10	10
Connection to be provided on site, external thread according to AS 3688 (flat seal)	Inch	¾“	¾“
Connection hose ½" with ¾" threaded union		●	●
Connection hose length	mm	1550	1550
Hot water (WW)			
Max. water intake temperature	°C	70	70
Permissible water flow pressure	kPa	100–1000	100–1000
Required flow rate	l/min	11	11
Connection to be provided on site, external thread according to AS 3688 (flat seal)	Inch	¾“	¾“
Connection hose ½" with ¾" threaded union		●	●
Connection hose length	mm	1550	1550
Drain valve (DV)			
Connection (ext. diameter)	mm	75 (DN70)	-
Max. drainage temperature	°C	90	
Max. transient flow rate	l/min	62	-

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

Technical data

		PWM 908 DV	PWM 908 DP
Drain pump (DP)			
Hose connection (external diameter)	mm	-	22 (DN22)
Max. drainage temperature	°C	-	90
On-site hose sleeve (int. diameter x length)	mm	-	22 x 30
Max. transient flow rate	l/min	-	26
Max. delivery head (from lower edge of machine)	mm	-	1000
Drain hose DN 22 with connector (supplied as standard)		-	●
Connection hose length	mm	-	1500
Equipotential bonding (PA)			
Appliance connection (separate kit required)		O	O
XCI-Box / XCI-AD interface		●	●
Peak load/energy management (SLA)			
Appliance connection (with XCI-Box)		O	O
Payment system connection (KGA)			
Connection of payment systems (with XCI-Box / XCI-AD)		O	O
Communication module (XKM)			
Communication module XKM 3200 WL PLT		O	O
Liquid dispensing (DOS)			
Connection for liquid detergents		●	●
Max. number of dispenser pumps	No.	6	6
XCI-Box interface		O	O
Installation on appliance feet (F)			
No. of appliance feet	No.	4	4
Appliance foot, height-adjustable with thread	mm	+8	+8
Appliance foot diameter	mm	40	40
Anchoring (B)			
Standard anchoring			
Floor anchor kit (for 2 machine feet) with anchors		●	●
Wood screws according to DIN 571	mm	6 x 50	6 x 50
Wall plugs (diameter x length)	mm	8 x 40	8 x 40
Anchoring of Miele plinths			
Accessory: Miele plinth (fasteners included)		O	O
Required anchor points	No.	4	4
Wood screws according to DIN 571	mm	8 x 65	8 x 65
Wall plugs (diameter x length)	mm	12 x 60	12 x 60
Plinth floor anchoring (to be provided on site)			
Appliance installation on on-site base (concrete or masonry)		O	O
Min. plinth installation footprint (W/D)	mm	600/650	600/650
Wood screws according to DIN 571	mm	6 x 50	6 x 50
Wall plugs (diameter x length)	mm	8 x 40	8 x 40

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

Technical data

		PWM 908 DV	PWM 908 DP
Appliance data			
Overall appliance dimensions (H/W/D)	mm	850/605/714	850/605/714
Casing dimensions (H/W/D)	mm	850/596/678	850/596/678
Site-access dimensions (H/W)			
Min. site-access opening (excl. packaging)	mm	900/605	900/605
Installation dimensions			
Side gap	mm	20	20
Recommended side gap – washer-dryer stack	mm	300	300
Recommended distance to opposite wall from appliance front	mm	1000	1000
Weights and floor loads			
Appliance weight (net weight)	kg	103	103
Max. floor load in operation	N	2820	2820
Max. floor load, static	N	1380	1380
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

Electrical connection should only be made to a power supply provided in accordance with all appropriate local and national legislation and regulations.

In addition, all regulations issued by the relevant 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 transit bars in place. Keep the transit bars in a safe place. They must be re-fitted if the machine is to be moved again (e.g. when moving house).

General operating conditions

Ambient temperature in installation room: +2 °C to +35 °C.

Depending on the nature of the installation site, sound emissions and vibration may occur. Miele recommends consulting a specialist if particular requirements apply at the installation site with respect to sound emissions.

Electrical connection

Depending on the model, the machine is delivered with a supply lead with/without a plug.

The appliance may only be connected to an electrical system that conforms to the national and local codes and regulations. The installation must be performed by a suitably qualified and competent electrician.

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

The appliance can either be hard-wired or connected using a plug-and-socket connection. It is always recommended to connect the machine via a plug and socket so that electrical safety checks, e.g. during repair or service work, can be carried out easily.

If the appliance is hard wired, an all-pole disconnection must be provided on site. The means of disconnection must be incorporated in the fixed wiring in accordance the wiring rules. When switched off, there must be an all-pole contact gap of at least 3 mm in the isolator switch (including circuit breakers, fuses, and relays according to AS/NZS 3000).

The plug connector or isolator switch should be easily accessible at all times. If the appliance 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 earthing conductor, including determining the correct fuse amperage, 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.

The appliance 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 mains cable. Please consult relevant local and national regulations when calculating any other wire gauges.

Cold water connection

The washing machine must be connected to the mains water supply in accordance with current local and national and safety regulations and via a non-return valve, which is supplied separately with the machine.

Connection to the mains water supply should incorporate a mains tap with a threaded union. The tap should be fitted by a qualified plumber.

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

Longer hoses (2.5 or 4.0 m in length) are available from Miele as separate parts (available depending on country).

Hot water connection

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

A suitable connection hose with a threaded union is provided 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 washing machine is drained using a motorised drain valve. The machine can be connected directly to the on-site drainage system (without a siphon) or via a floor drain (gully with odour 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 Miele.

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)

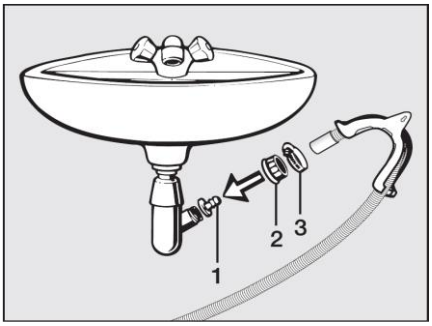
The suds are drained through a drain pump with a 1 m delivery head. For the water to drain freely, the hose must be free of kinks.

Drain hose connection options

1. Connected securely to a trapped waste pipe.
2. Connected over the rim of the laundry trough or into the sud-saver pipe of the laundry trough.
3. Connected securely to a floor drain (gully).

Connecting the drain hose to a laundry trough or wash tub drain outlet

The drain hose with the non-return valve fitted can be connected securely to a suitable wash tub drain outlet.



If required, the hose can be extended to a length of up to 5 m. The necessary parts can be ordered from Miele (depending on country).

For a delivery head of more than 1 m (up to a max. of 1.6 m) a replacement drain pump will need to be fitted. Please contact Miele for advice.

Waste water discharge from commercial clothes washing machines may require pre-treatment as determined by the utility operator.

Equipotential bonding

If necessary, equipotential bonding with good galvanic contact must be guaranteed in compliance with all applicable local and national installation specifications.

Connection material for equipotential bonding must be provided on site or using a kit available from Miele.

Peak load/energy management

The appliance 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 switched off. 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 observe the manufacturer’s instructions when using a combination of detergents, additives and special-purpose products.

Payment system

This washing machine can be fitted with a single-machine payment system as an optional accessory using an optional kit (XCI-Box / XCI-AD).

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

Interface

The appliance can be fitted with an XKM 3200 WL PLT communication module.

This module can be used as a Wi-Fi or LAN interface.

The LAN interface provided via the module complies with AS/NZS 60950. The LAN connection uses an 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.

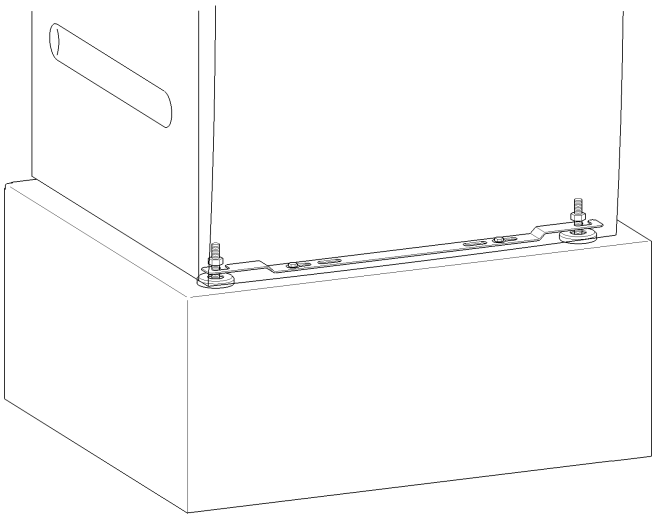
The machine should be levelled in both directions with the aid of the adjustable feet.

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 platform 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 the danger of the washing machine falling off the plinth during spinning.



The anchors provided can be used to bolt the machine to the floor by both front feet. The fixing material provided is intended to be used for bolting the machine to a concrete floor.

Washer-dryer stack

This washing machine can be installed with a Miele tumble dryer on top of it. A stacking kit (optional accessory) is required for this.

The stacking kit must be installed by Miele Professional Service or an authorised Miele service technician.