

The Miele logo, consisting of the word "Miele" in a white, bold, sans-serif font, centered within a solid red rectangular background.

Installation plan

Vented Dryer



PDR 908 ROP EL

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

12 769 080/00

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Legend:

Connection required

Connection optional or required,
depending on model

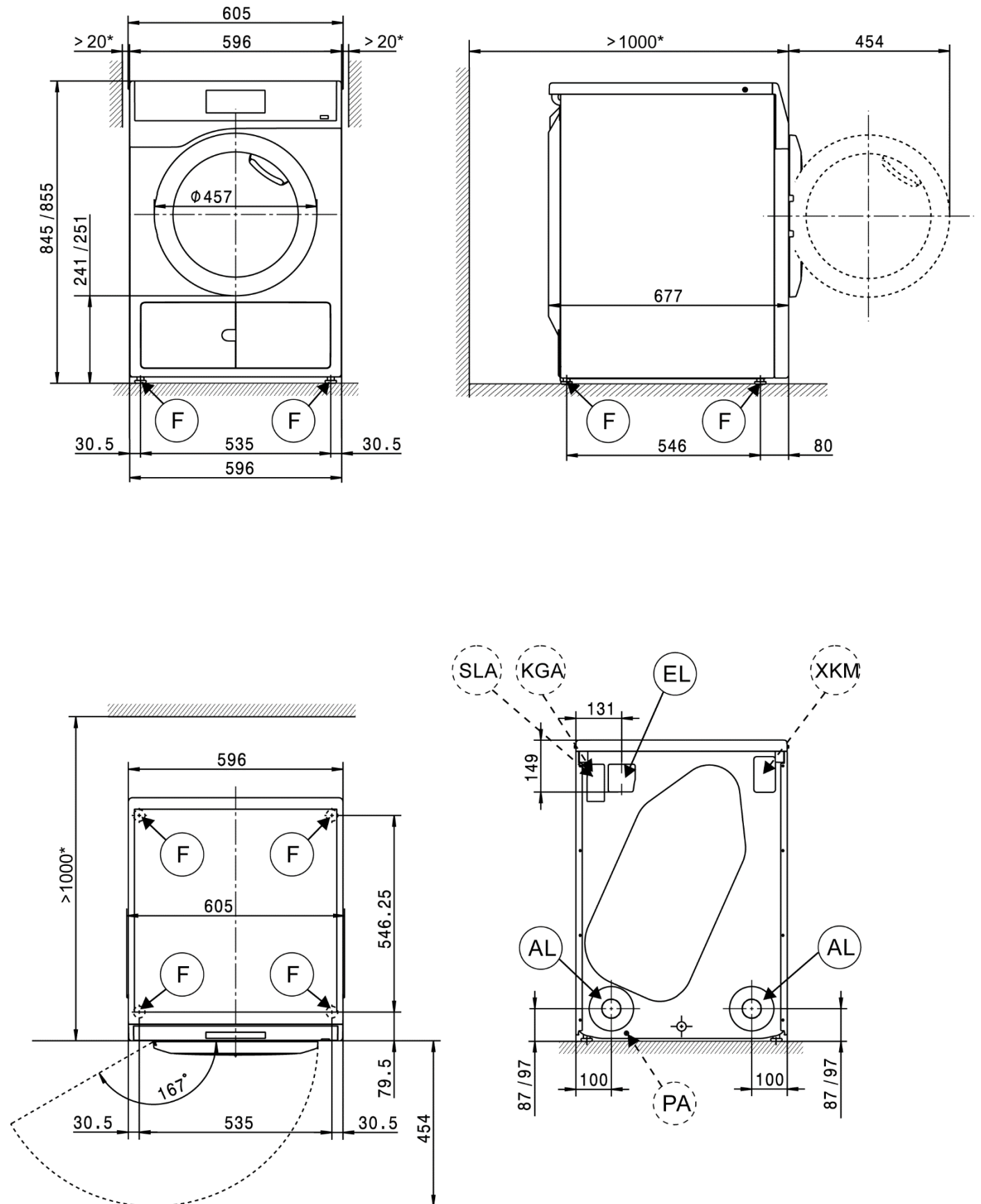
AL	Exhaust air
ASK	Condensate drain hose
B	Appliance anchoring
EL	Electrical connection
F	Appliance feet, adjustable
KG	Payment system
KGA	Payment system connection
KLA	Cooling air vent

KLZ	Cooling air intake
PA	Equipotential bonding
SLA	Peak load connection
APCL SST	Box plinth
APCL OB	Open plinth
APCL 001	Washer-dryer stacking kit
XKM	Communication module
ZL	Air intake

Technical changes and errors excepted.

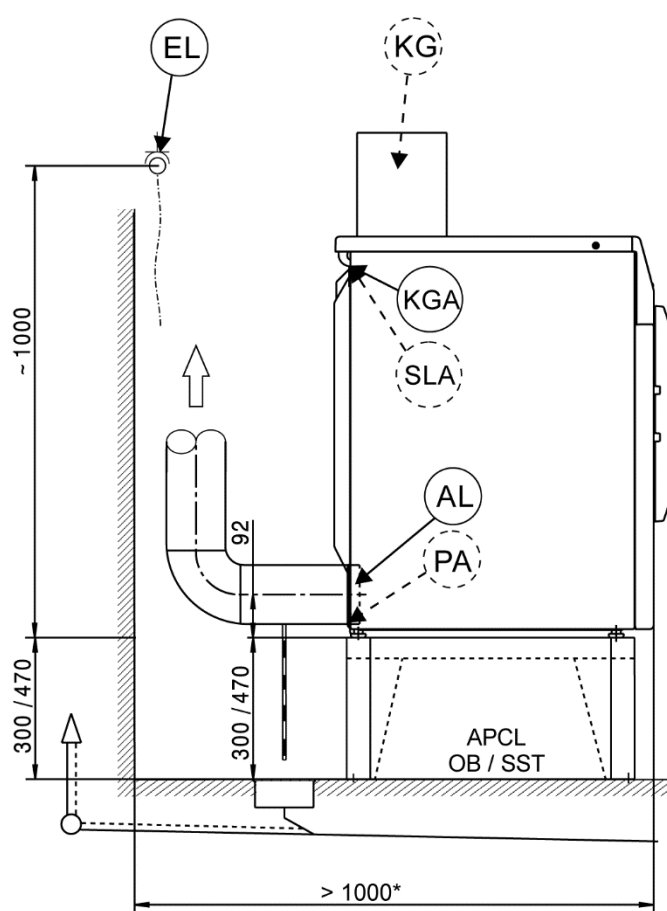
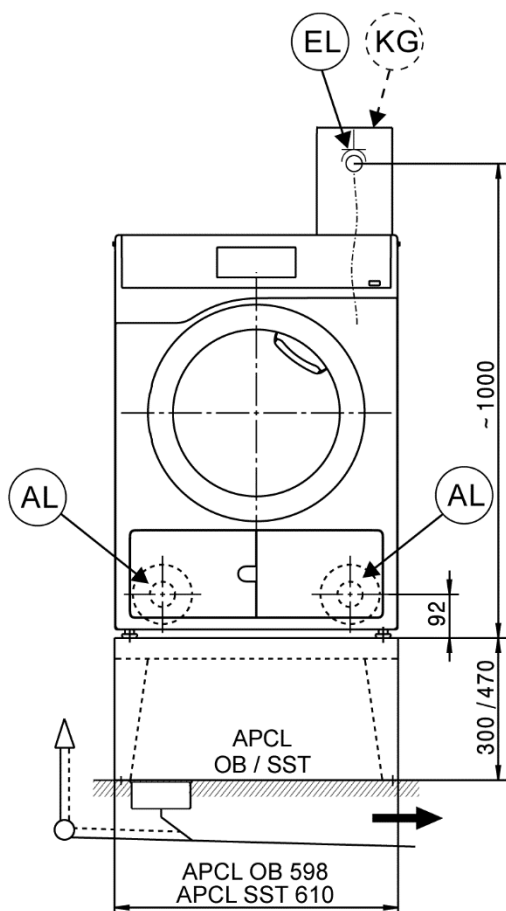
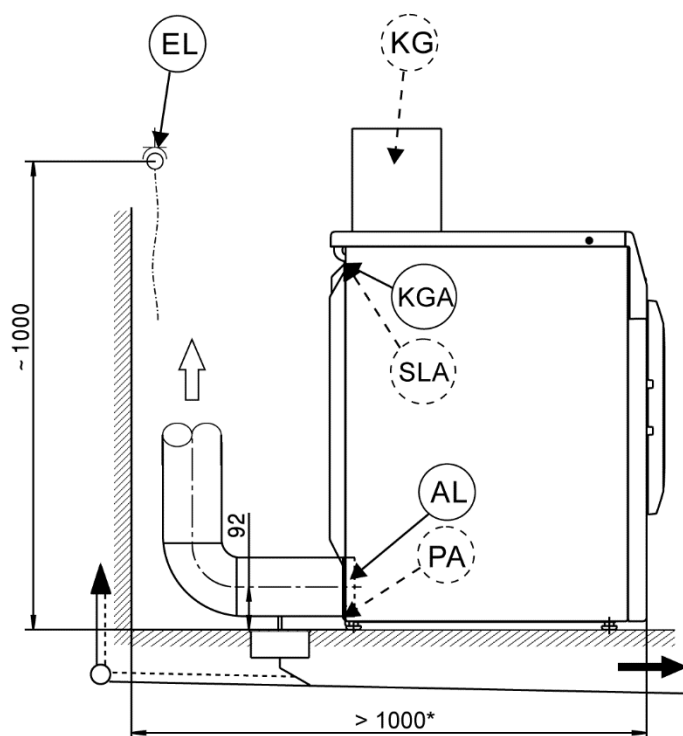
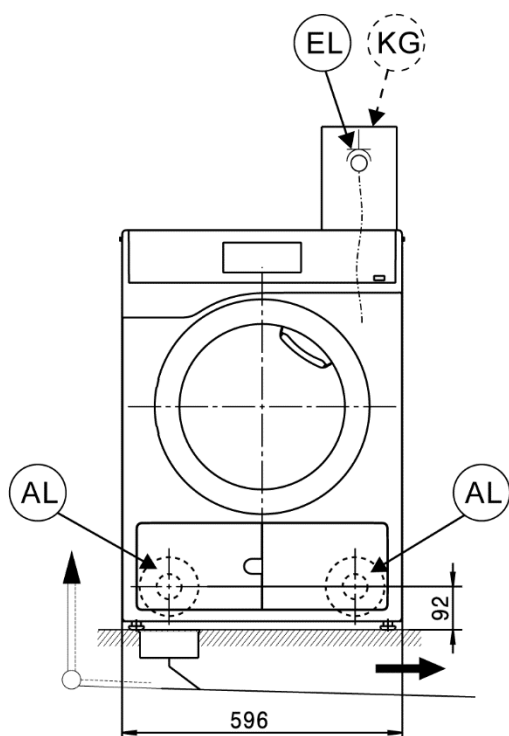
Appliance dimensions

* 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.



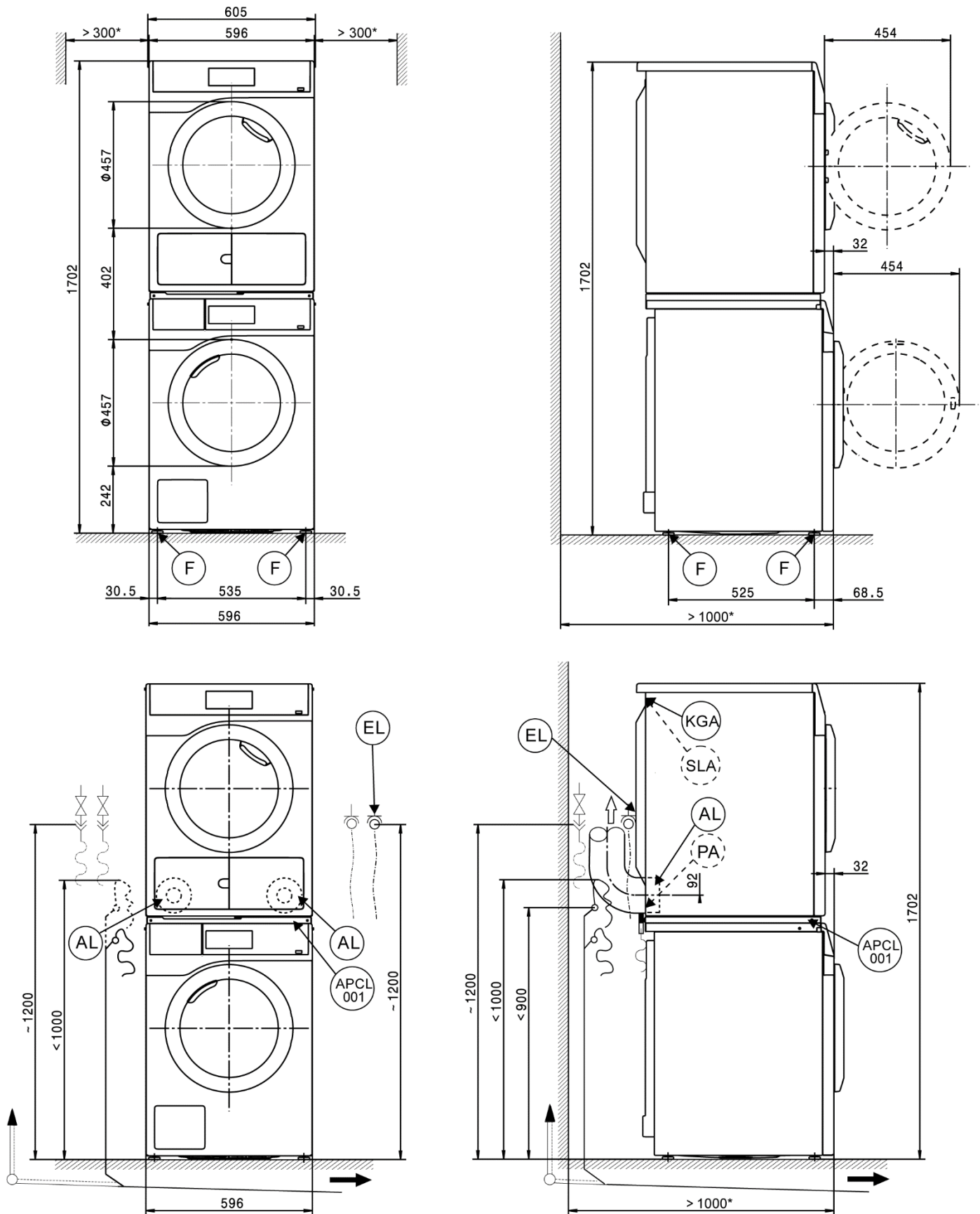
Installation

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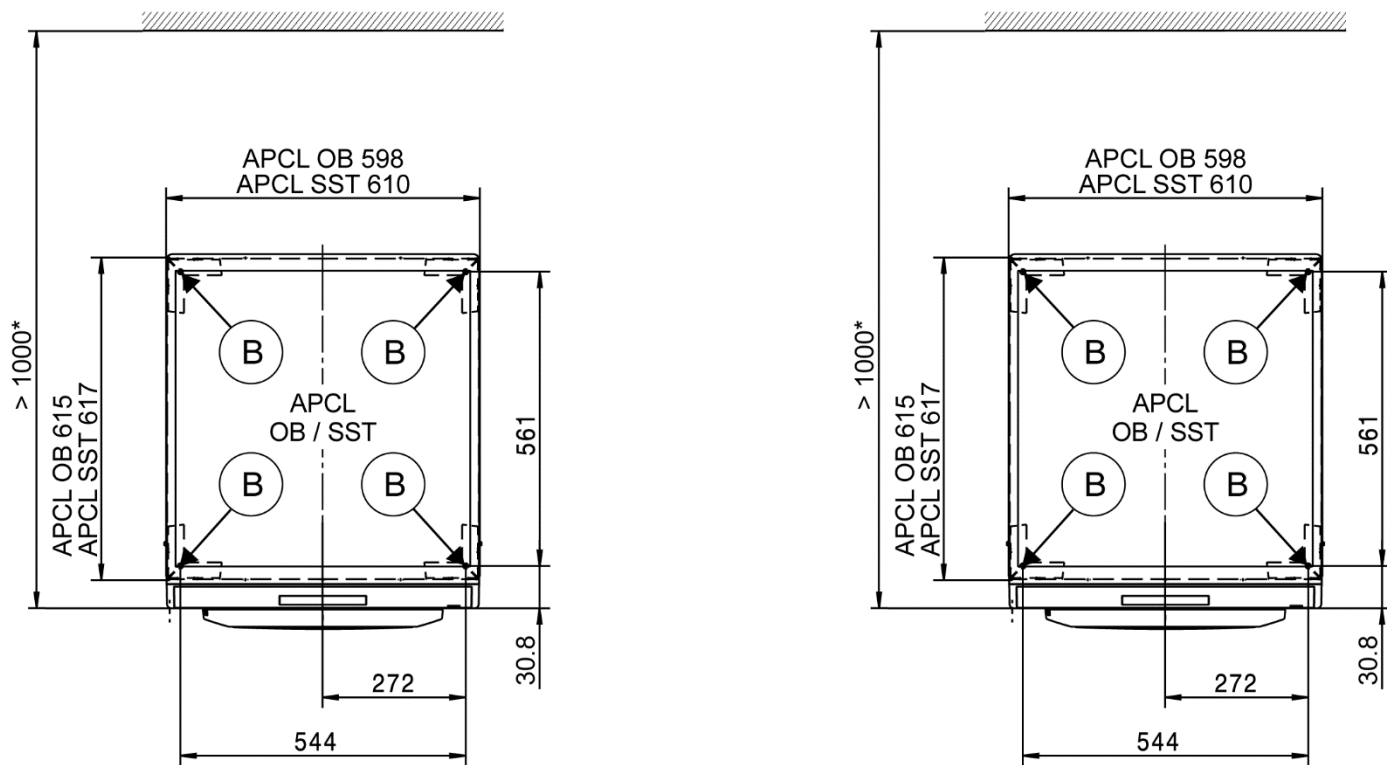
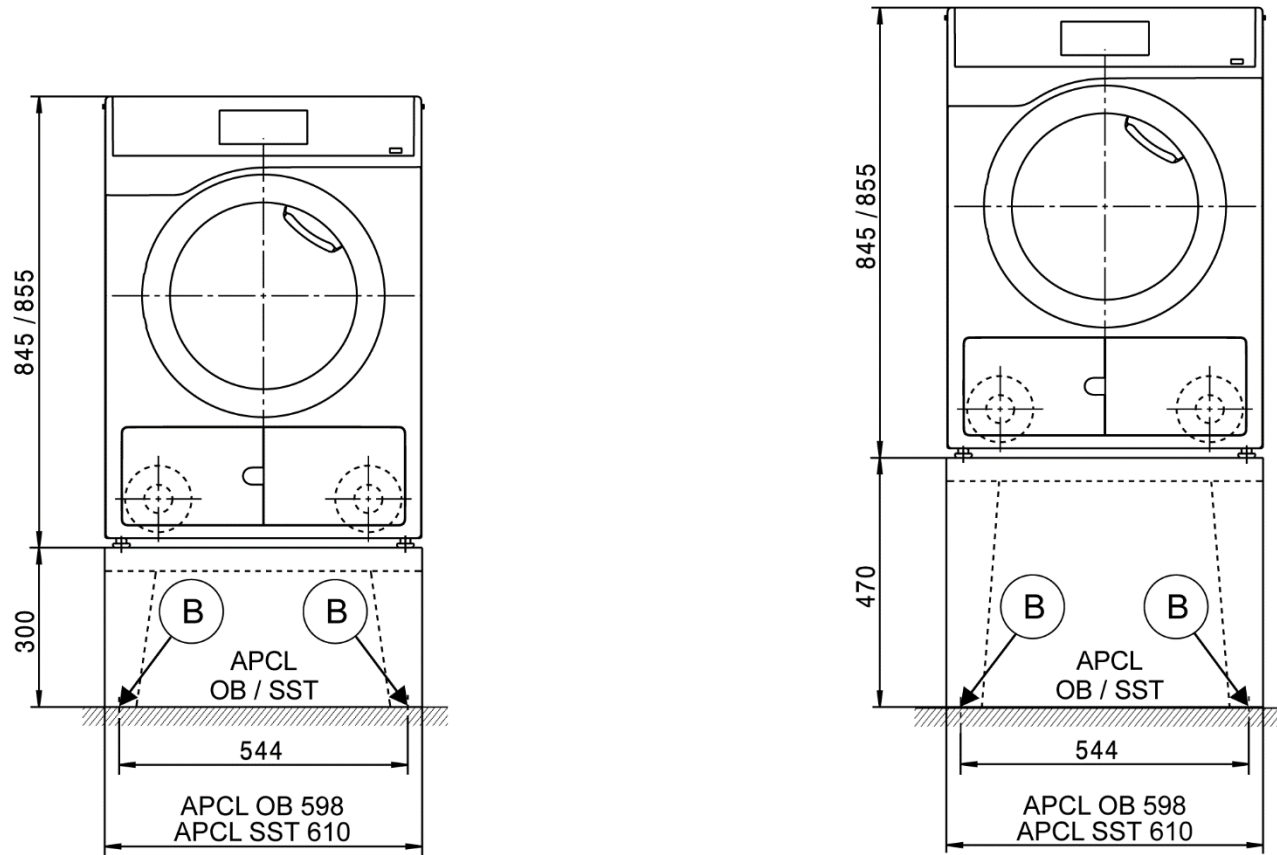
Washer-dryer stack

* 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.



Installation

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Technical data

PDR 908 ROP EL		
Drying system		Exhaust air
Drum volume	l	130
Load capacity	kg	8.0
Door opening diameter	mm	370

Electrical connection (EL)

Standard voltage 25 A (AU, NZ)		1N AC 230 V
Frequency	Hz	50
Total rated load	kW	5.47
Fuse rating	A	1 x 25
Supply cable min. cross-section	mm ²	3 x 2.5
Supply cable without 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	4.5/5.4/6.4
Fuse rating	A	3 x 10
Supply cable min. cross-section	mm ²	4 x 1.5
Supply cable without plug		●
Length of supply cable	mm	2000

Exhaust air (EL)

Connection (ext. diameter)	mm	100
Max. exhaust air temperature	°C	80

Electrical connection with 50 Hz/60 Hz

Max. permissible pressure loss	Pa	340
Max. flow rate w/o counterpressure (0 Pa) in vented mode	m ³ /h	285

Equipotential bonding (PA)

Appliance connection (with installation kit)		○
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XCI-Box / XCI-AD interface

		●
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Peak load/energy management (SLA)

Appliance connection (with XCI-Box)		○
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Payment system connection (KGA)

Connection of payment systems (with XCI-Box / XCI-AD)		○
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Communication module (XKM)

Communication module APCL106		○
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Installation on appliance feet (F)

No. of appliance feet	No.	4
Appliance foot, height-adjustable with thread	mm	± 5
Appliance foot diameter	mm	31.7

Anchoring (B)

Anchoring of Miele plinths

Miele plinth installation (fasteners included)		○
Required anchor points	No.	4
Wood screws according to DIN 571	mm	8 x 65
Wall plugs (diameter x length)	mm	12 x 60

Plinth floor anchoring (to be provided on site)

Appliance installation on on-site base (concrete or masonry)		○
Min. plinth installation footprint (W/D)	mm	600/650
Wood screws according to DIN 571	mm	6 x 50
Wall plugs (diameter x length)	mm	8 x 40

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

PDR 908 ROP EL

Overall appliance dimensions (H/W/D)	mm	850/605/717
Casing dimensions (H/W/D)	mm	850/596/677

Min. site-access opening (excl. packaging)	mm	900/605
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Side gap	mm	20
Recommended side gap – washer-dryer stack	mm	300
Recommended distance to opposite wall from appliance front	mm	1000

Appliance weight (net weight)	kg	51.5
Max. floor load in operation	N	670

Sound pressure level (in accordance with EN ISO 11204/11203)	dB(A)	<70
Heat dissipation rate to installation site	W	200

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Installation and planning notes

Installation requirements

The tumble dryer should only be connected to a power supply provided in accordance with all applicable 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.

General operating conditions

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

Electrical connection

Depending on the model, the appliance is delivered with a supply cable 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 tumble dryer 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. 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 tumble dryer 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.

If converting the tumble dryer to an alternative voltage, observe the instructions in the wiring diagram. Conversion may only be performed by Miele Professional Service or a Miele authorised service technician. The heater rating must also be adapted.

The tumble dryer 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.

Exhaust connection

Hot moist exhaust air should be vented to the atmosphere along the shortest possible route or connected to a suitable vent system.

Depending on the duct path, the moist exhaust air can condense on the duct walls to a greater or lesser extent. For this reason it is recommended to lay ducting with a downwards slope to the air exit.

If ducting slopes upwards, a condensate trap either with a drip tray or a connection to a suitable on-site floor drain must be fitted in the system at the lowest point.

Condensate must not flow back into the machine.

The exhaust air may be discharged directly through the outer wall. However, this must not cause any danger or unacceptable nuisance to the surrounding area.

The end of exhaust air ducting leading into the open should be protected against the elements, e.g. using a suitable hood or grille or with a 90° bend.

The cross-sectional area of the ducting must not be reduced or obstructed by built-in parts. Filters and louvers must not be fitted in the ducting.

Exhaust air congestion in the duct may lead to a drop in machine performance or to a safety switch-off of the appliance.

Proper functioning of the tumble dryer cannot be guaranteed if the max. permissible pressure loss is exceeded in the on-site vent ducting system.

When connecting several tumble dryers to a common duct, the cross-sectional area of the duct must be increased accordingly.

Additionally, in this case every machine must have its own non-return valve to prevent dryers affecting others in the system. This requires the provision of on-site additional parts.

In the event that exhaust air ducts from several tumble dryers are merged into a common duct, a non-return device should be installed in each separate duct to prevent backflow.

With complex ducting with many bends and additional components, or with the connection of several different machines to a common duct, it is recommended that a detailed calculation is carried out by a suitable specialist.

Air intake

The air supply for the tumble dryer is taken directly from the installation site.

During operation, adequate ventilation of the installation site should be guaranteed. Depending on the machine version, it is necessary to ensure an intake of fresh air to compensate for the volume of exhaust air extracted in order to avoid the creation of a vacuum.

It should not be possible to close or otherwise obstruct air intake grilles or alternative measures should be implemented to ensure that an adequate supply of fresh air is available at all times during tumble dryer operation.

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 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.

Payment system

The tumble dryer 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 tumble dryer can be retrofitted with an APCL106 communication module.

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

The LAN interface provided complies with AS/NZS 60950. The LAN connection uses a RJ45 connector in accordance with EIA/TIA 568-B.

Installation and anchoring

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 tumble dryer should be levelled in both directions with the aid of the adjustable feet.

Plinth installation

The tumble dryer can be installed on a 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.

Washer-dryer stack

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

Installation of the stacking kit must be performed by Miele Customer Service or a Miele authorised technician.

Installing the washer-dryer stack on a Miele plinth is not permitted.

Secure the washing machine using the fastening bracket supplied with the machine.

Dryer stack with 2 tumble dryers

2 Miele tumble dryers can be installed as a dryer stack. A stacking kit (optional accessory) is required for this.

Installation of the stacking kit must be performed by Miele Customer Service or a Miele authorised technician.

Installing the dryer stack on a Miele plinth is not permitted.

To prevent slipping or tipping, the tumble dryer at the bottom must be secured with 2 tensioning strips (optional accessories). Secure 2 feet of the tumble dryer diagonally at the front and rear or only at the rear.

Only the "Little Giants" models listed in the table may be installed as dryer stacks in the prescribed combinations. Other combinations are not permitted.

Dryer stack with 2 tumble dryers		
Dryer model at the bottom	Dryer model at the top	Connection kit
PDR5xx/9xx HP P	PDR 5xx/9xx HP P	APCL 001
PDR 5xx/9xx HP P	PDR 5xx/9xx ROP EL	APCL 001
PDR 5xx/9xx ROP EL	PDR 5xx/9xx HP P	APCL 001