

**Miele**

Installation plan

# Heat-pump dryer



PDR 507 HP

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

11 716 910/03

---

**Miele Australia Pty. Ltd.**

ACN 005 635 398

ABN 96 005 635 398

**Melbourne:**

Level 4, 141 Camberwell Road

Hawthorn East, VIC 3123

Telephone: 1300 731 411

service.prof@miele.com.au

[www.miele.com.au/professional](http://www.miele.com.au/professional)

[professional.sales@miele.com.au](mailto:professional.sales@miele.com.au)

**Miele New Zealand Limited**

IRD 98 463 631

8 College Hill

Freemans Bay

Auckland 1011

New Zealand

Telephone: 0800 4 MIELE

(0800 464 353)

[www.miele.com.au/professional](http://www.miele.com.au/professional)

[professional.sales@miele.com.au](mailto:professional.sales@miele.com.au)



Miele Global Headquarters: Miele & Cie. KG

Carl-Miele-Straße 29, 33332 Gütersloh, Germany

**Key:**



Connection required



Connection optional or required,  
depending on model

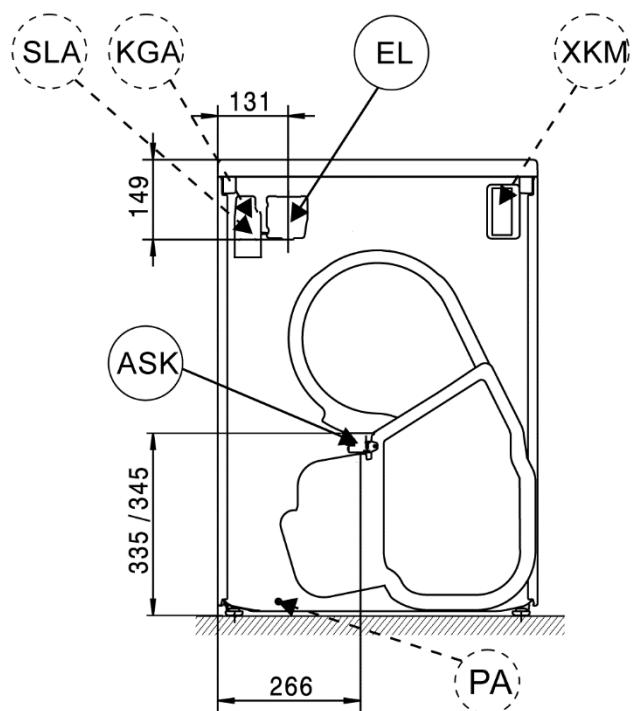
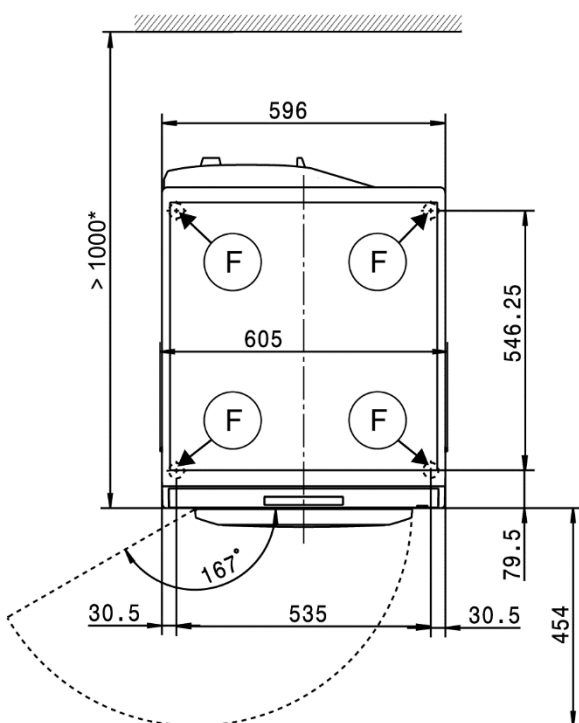
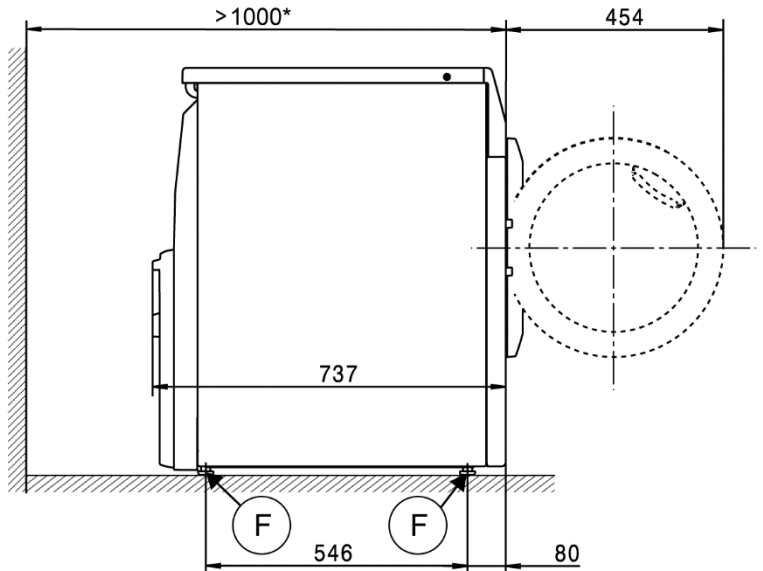
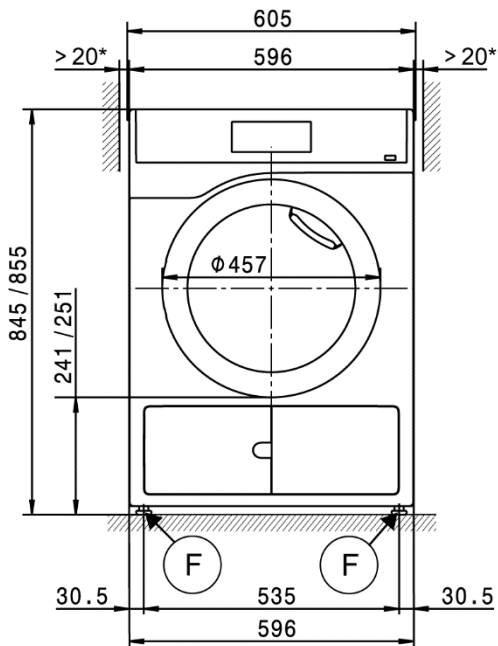
AL Exhaust air  
ASK Condensate drain hose  
B Appliance anchoring  
EL Electrical connection  
F Appliance feet, adjustable  
KG Payment system  
KGA Payment system connection  
KLA Cooling air vent

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.

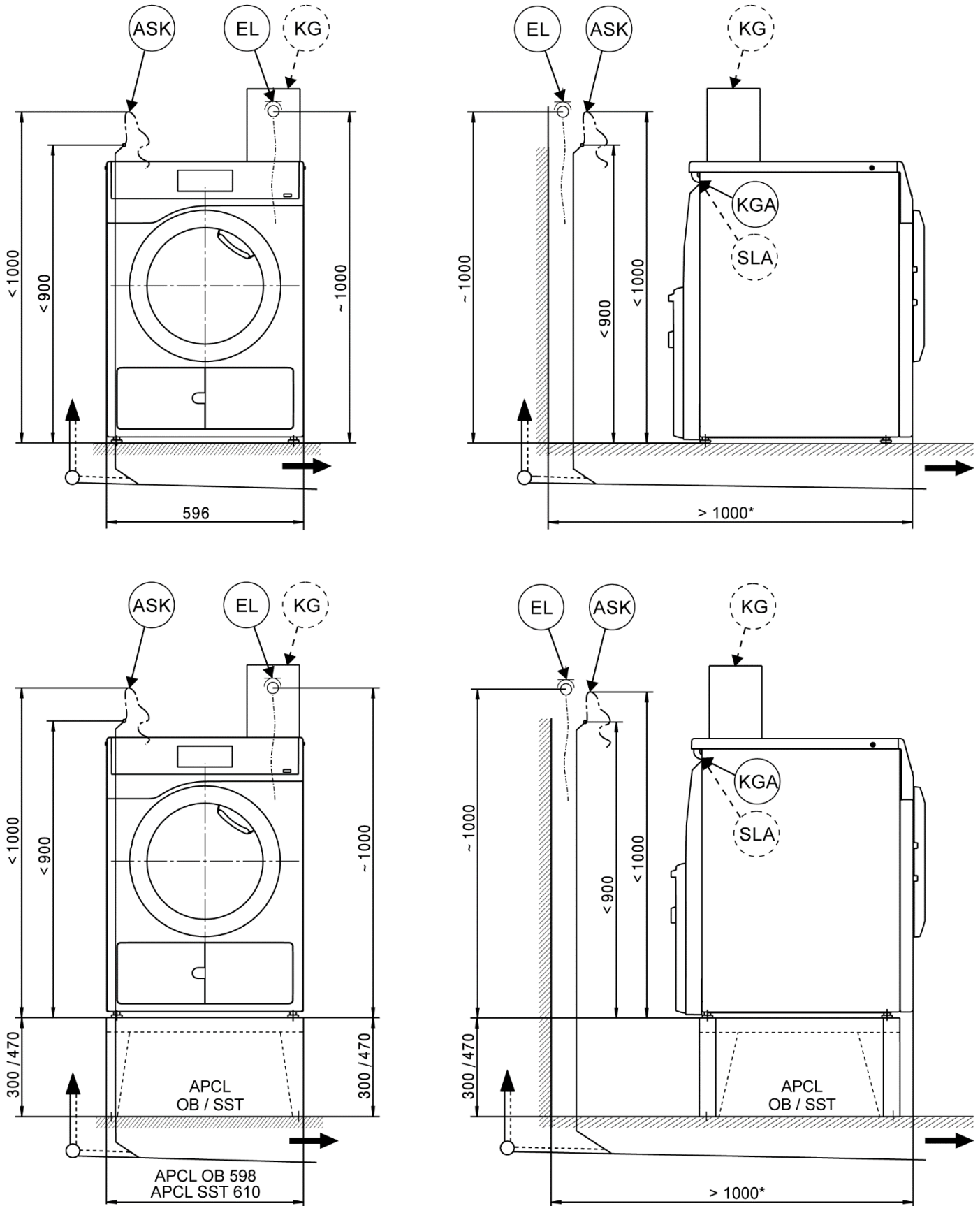
# Appliance dimensions

\* 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.



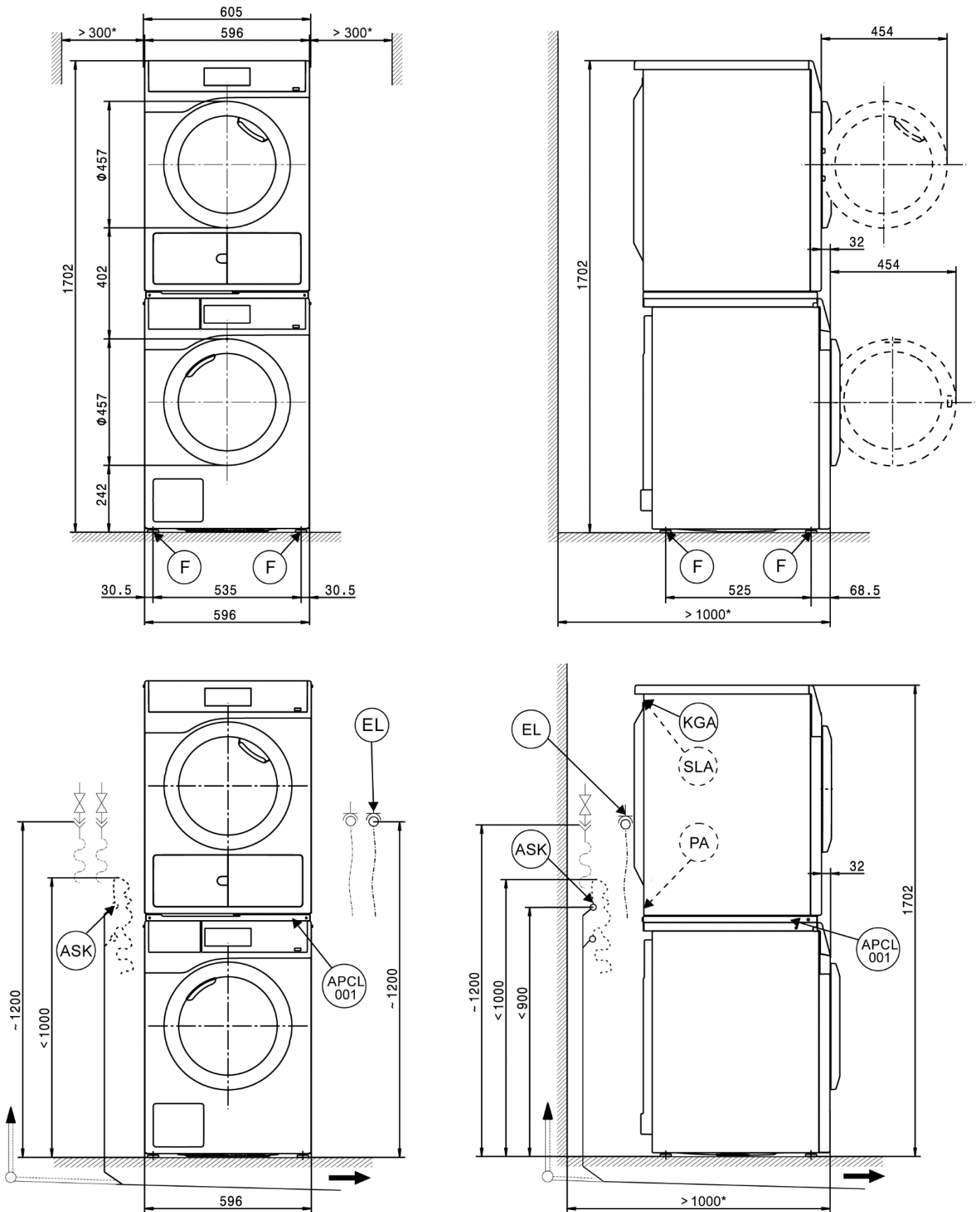
# Installation

\* 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.



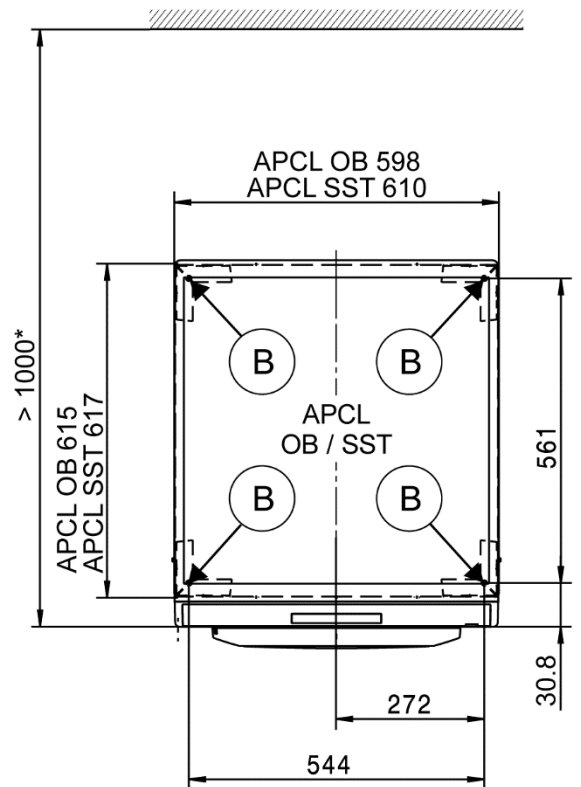
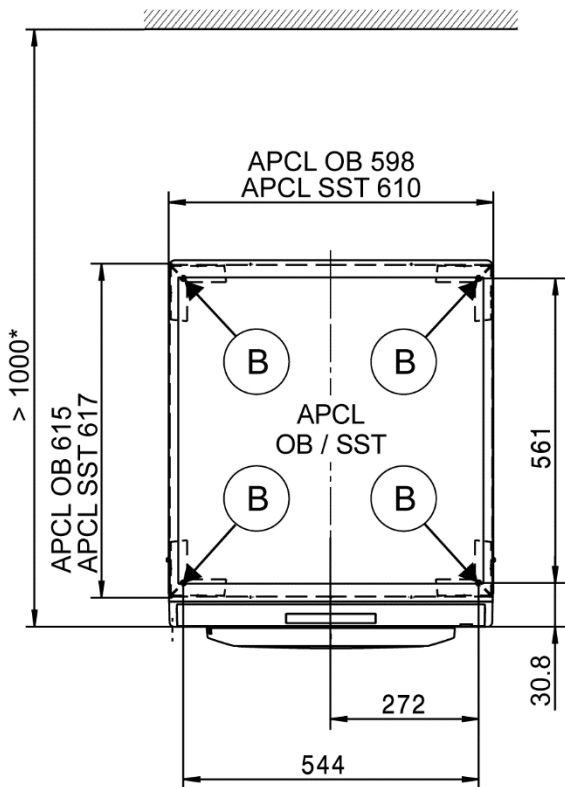
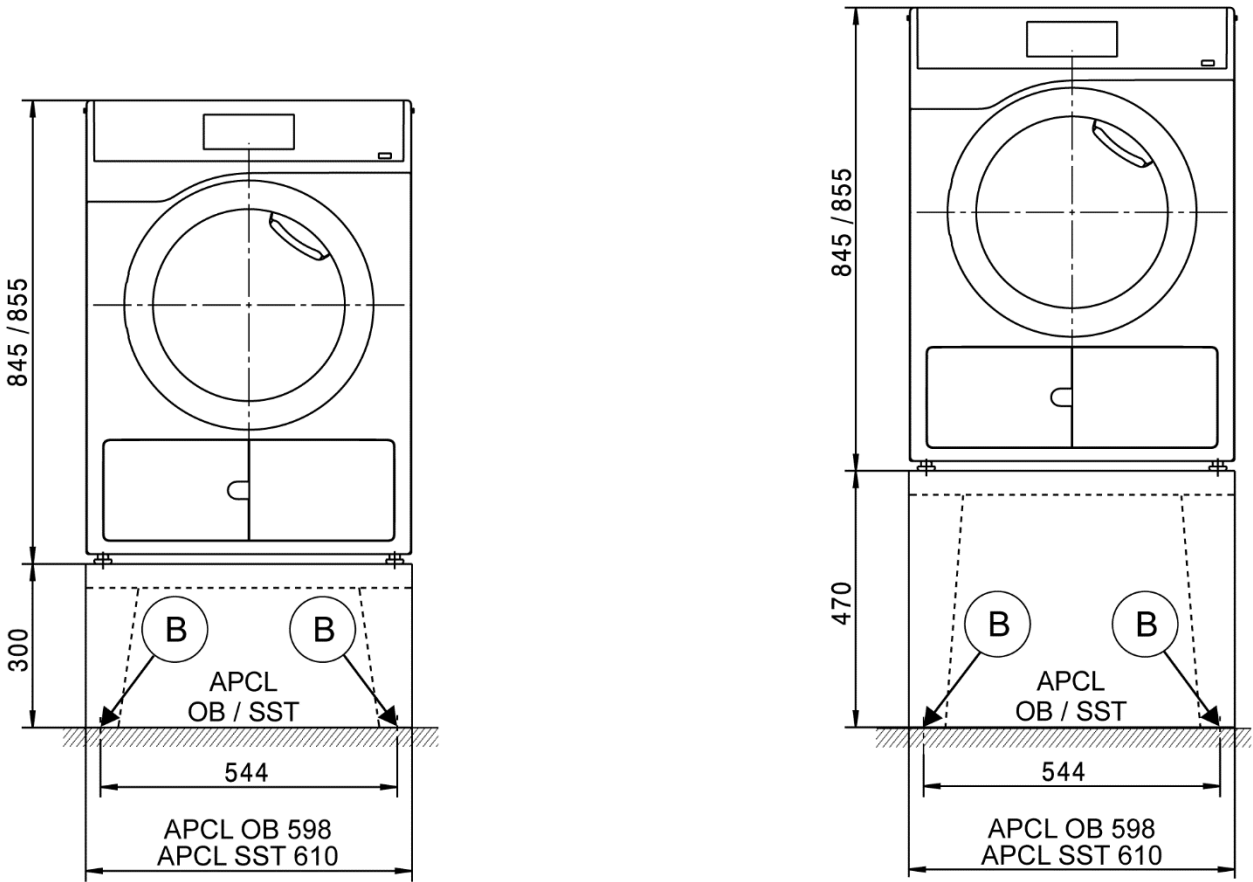
# Washer-dryer stack

\* 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

\* 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.



## Technical data

		PDR 507 HP
Drying system		Heat pump
Drum volume	l	130
Load capacity	kg	7.0
Door opening diameter	mm	370

### Electrical connection (EL)

Standard voltage		1N AC 220–240 V
Frequency	Hz	50
Total rated load	kW	1.44
Fuse rating (B trip rating according to EN 60898)	A	1 x 10
Supply lead min. cross-section	mm <sup>2</sup>	3 x 1.5
Supply lead with plug		●
Length of supply lead	mm	2000

Standard voltage (AU, NZ only)		1N AC 230 V
Frequency	Hz	50
Total rated load	kW	1.44
Fuse rating (B trip rating according to EN 60898)	A	1 x 10
Supply lead min. cross-section	mm <sup>2</sup>	3 x 1.0
Supply lead with plug		●
Length of supply lead	mm	2000
Length of drain hose	mm	1500
Max. delivery head (from lower edge of appliance)	mm	1000

### Equipotential bonding (PA)

Appliance connection (separate kit required)		○
--	--	---

<b>XCI-Box / XCI-AD interface</b>		●
-----------------------------------	--	---

### Peak load/energy management (SLA)

Appliance connection (with XCI-Box)		○
-------------------------------------	--	---

### Payment system connection (KGA)

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

### Communication module (XKM)

Communication module XKM 3200 WL PLT		○
--------------------------------------	--	---

### 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
Rawl plugs (diameter x length)	mm	12 x 60

#### Plinth floor anchoring (to be provided on site)

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

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

# Technical data

**PDR 507 HP**

**Appliance data**

Overall appliance dimensions (H/W/D)	mm	850/605/777
Casing dimensions (H/W/D)	mm	850/596/737

**Site-access dimensions (H/W)**

Min. site-access opening (excl. packaging)	mm	900/605
--	----	---------

**Installation dimensions**

Side gap	mm	20
Recommended side gap – washer-dryer stack	mm	300
Recommended distance to opposite wall from appliance front	mm	1000

**Weights and floor loads**

Appliance weight (net weight)	kg	68.5
Max. floor load in operation	N	925

**Emissions**

Sound pressure level (in accordance with EN ISO 11204/11203)	dB(A)	<70
Heat dissipation rate to installation site	W	950

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



# Installation and planning notes

## Installation requirements

The tumble dryer 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.

## General operating conditions

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

Air drawn in for use in the drying process will be warm when it is expelled back into the room by the tumble dryer. You must therefore ensure that the room is sufficiently ventilated, particularly if the appliance is located in a small room.

Make sure that the room temperature is not too high. If there are other heat-producing appliances in the room in which the dryer is located, make sure the room is well ventilated and switch the other appliances off, if possible.

Otherwise running times and energy consumption could be increased.

## Electrical connection

This tumble dryer is supplied with a mains cable and plug ready for connection.

The appliance may only be connected to an electrical system that conforms to the national and local codes and regulations.

The tumble dryer should never be connected by an extension cable, e.g. power strips, to avoid the risk of fire.

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.

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 contactors according to AS/NZS 3000 in AU and NZ).

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.

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.

## Condensate drain hose

The condensed water is pumped away through the drain hose which is located at the back of the dryer.

The condensate is drained via a drain pump with a 1 m delivery head. For the water to drain freely, the hose must be free of kinks.

In certain situations this tumble dryer must be fitted with a non-return valve (optional accessory). Without a non-return valve, water could flow back into the tumble dryer or be drawn back in and leak out. This can cause damage.

## Drainage options:

1. **Direct connection to a trapped waste pipe.**  
Use a non-return valve if the end of the hose could possibly become submerged in water.
2. **Connection to a laundry trough or wash tub drain outlet.**  
Always use a non-return valve.
3. **Connection to a floor drain (gully).**  
Always use a non-return valve.
4. **Directed over the rim of a laundry trough or wash tub.**  
Secure the drain hose carefully (e.g. by tying it) to make sure it cannot slip. Otherwise water may escape and cause damage. Use a non-return valve if the end of the hose could possibly become submerged in water.

## 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 the Miele Customer Service Department.

## Peak load/energy management

The tumble dryer 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 may only be carried out by your Miele dealer or the Miele Customer Service Department.

## Interface

The appliance can be fitted 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 tumble dryers must also comply with SELV. The LAN connection uses a RJ45 connector in accordance with EIA/TIA 568-B.

**Installation and anchoring**

The appliance 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 appliance is concentrated and transferred to the installation footprint via the appliance feet.

The appliance 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 appliance 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 the Miele Customer Service Department or an authorised Miele service technician.