

**Miele**

Installation plan

# Heat-pump dryer



PDR 508 HP P

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-IE

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Manufacturer: Miele & Cie. KG  
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## Key:



Connection required



Connection optional or required,  
depending on model

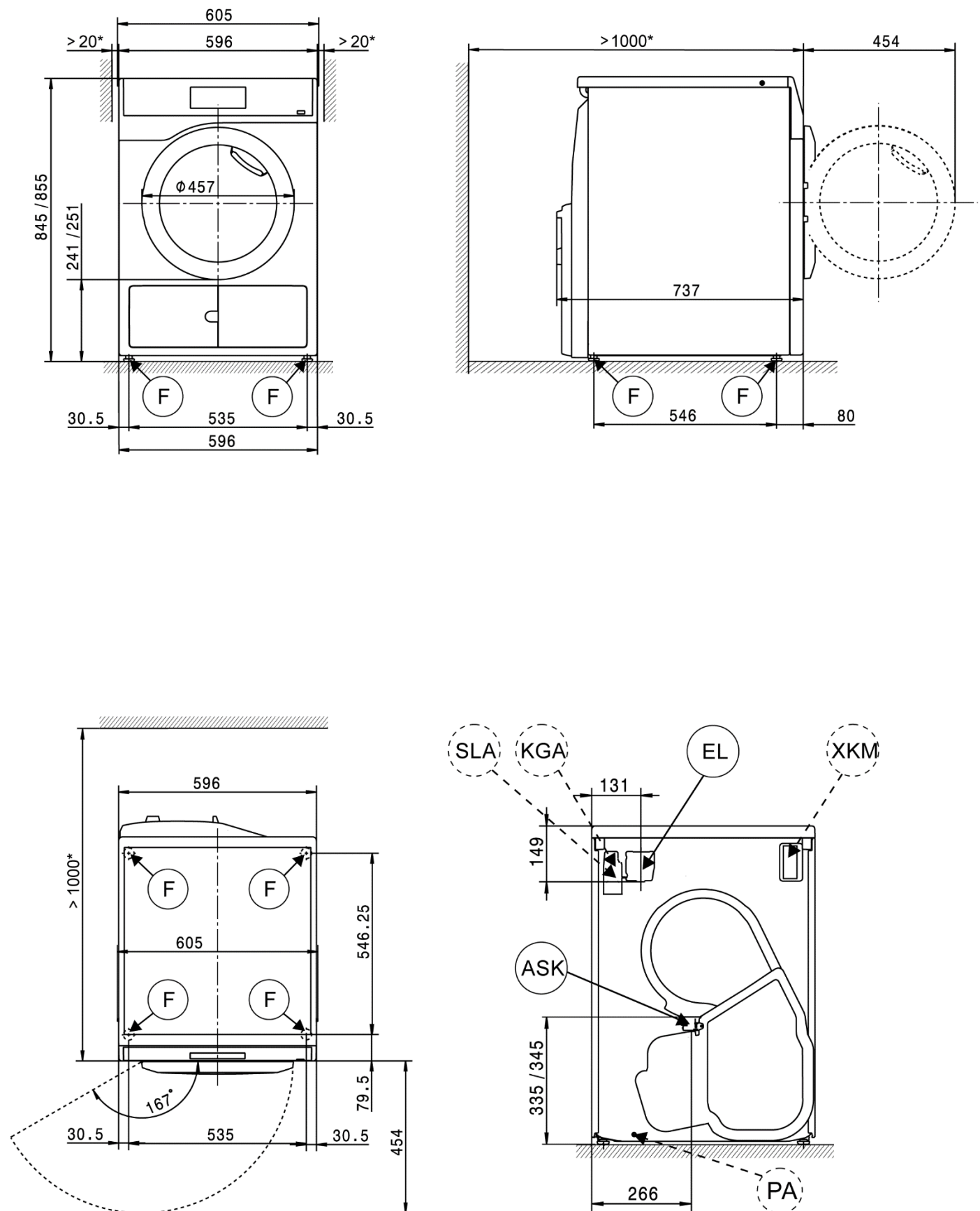
AL Exhaust air  
ASK Condensate drain hose  
B Appliance anchoring  
EL Electrical connection  
F Appliance feet, adjustable  
KG Payment system  
KGA Payment system connection  
KLA Cooling air vent

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

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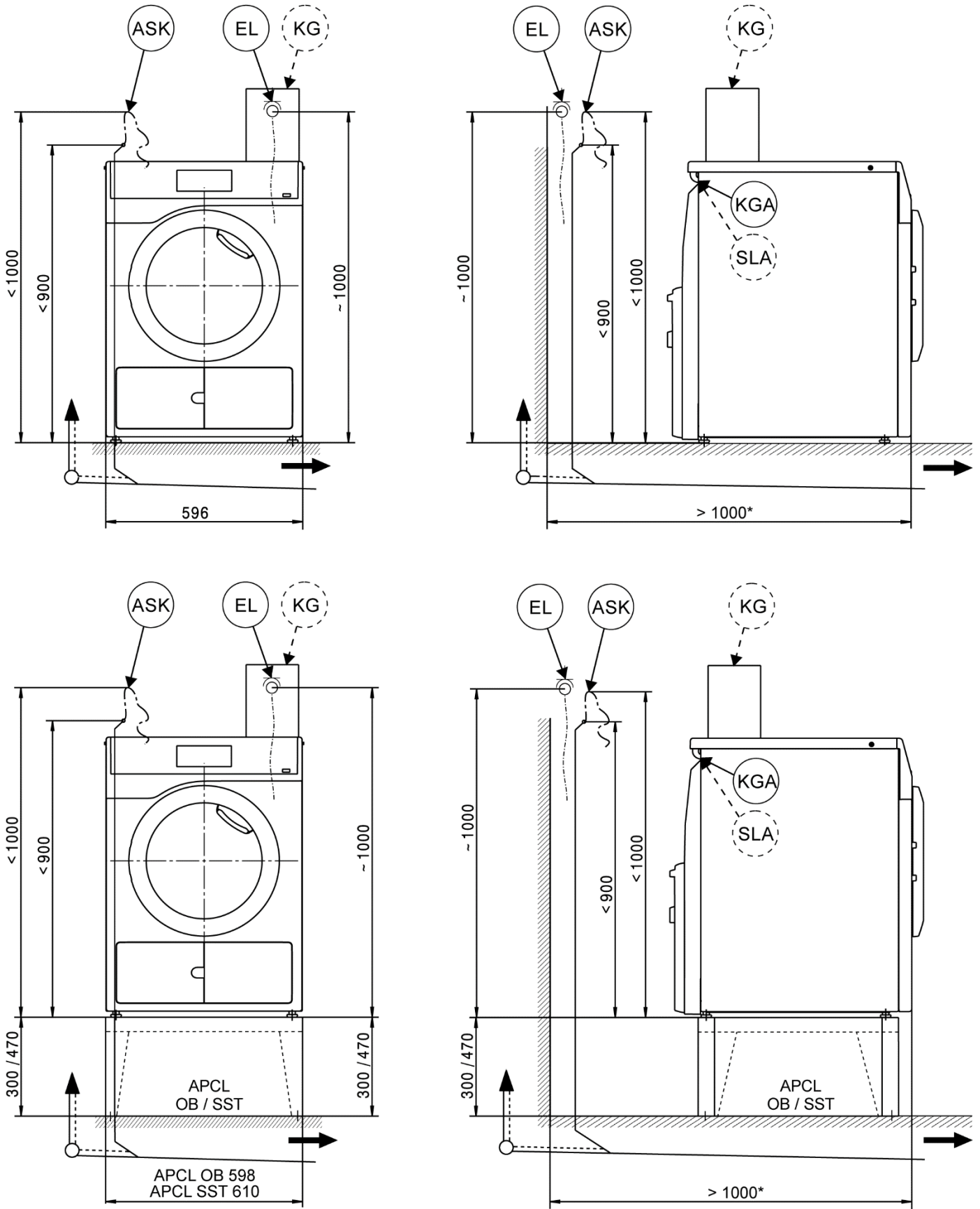
## Appliance dimensions

\* The distances between the machine and the wall are recommendations to help make it easier to carry out service work. If installation space is limited, the machine can also be pushed up against the wall.



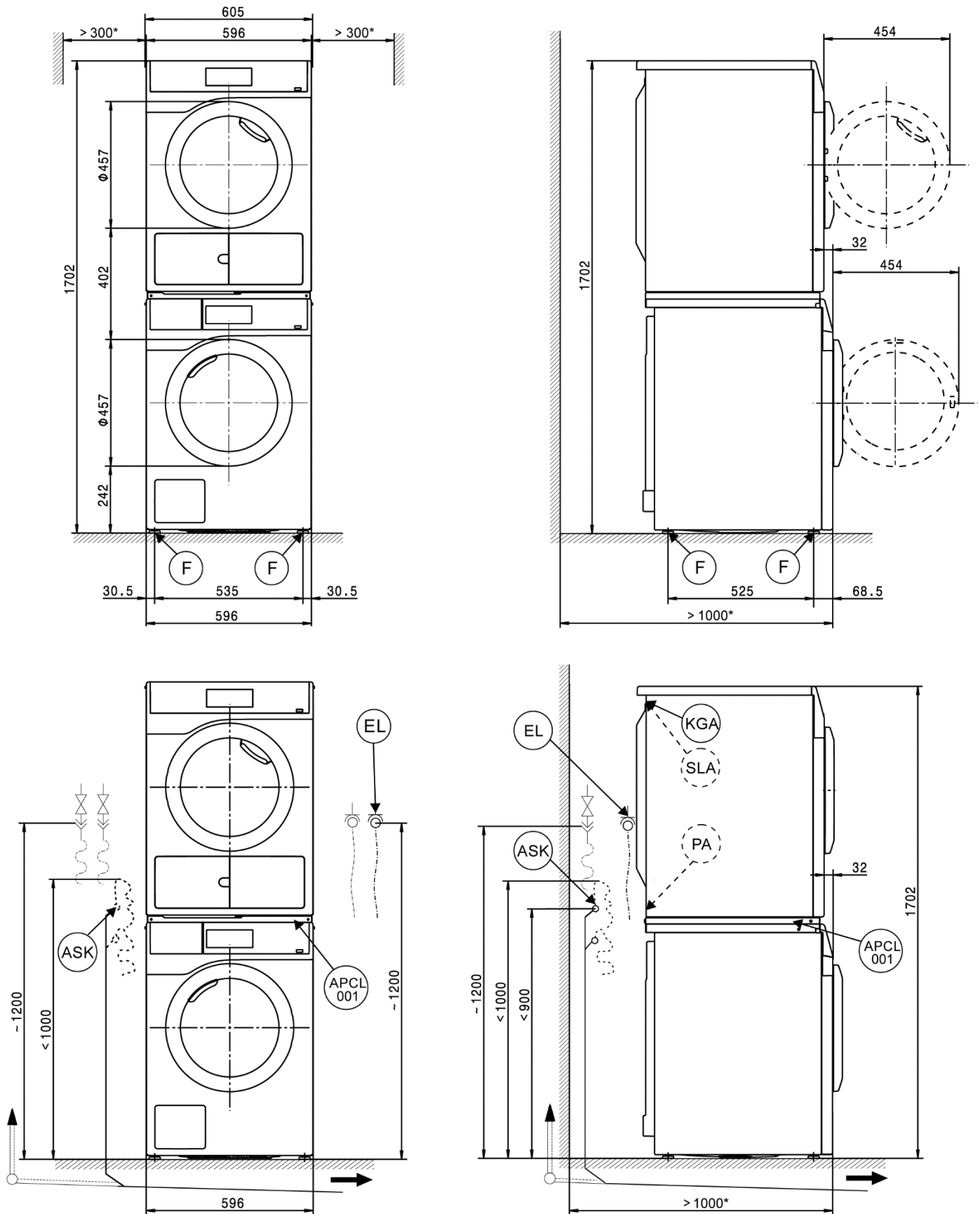
Installation

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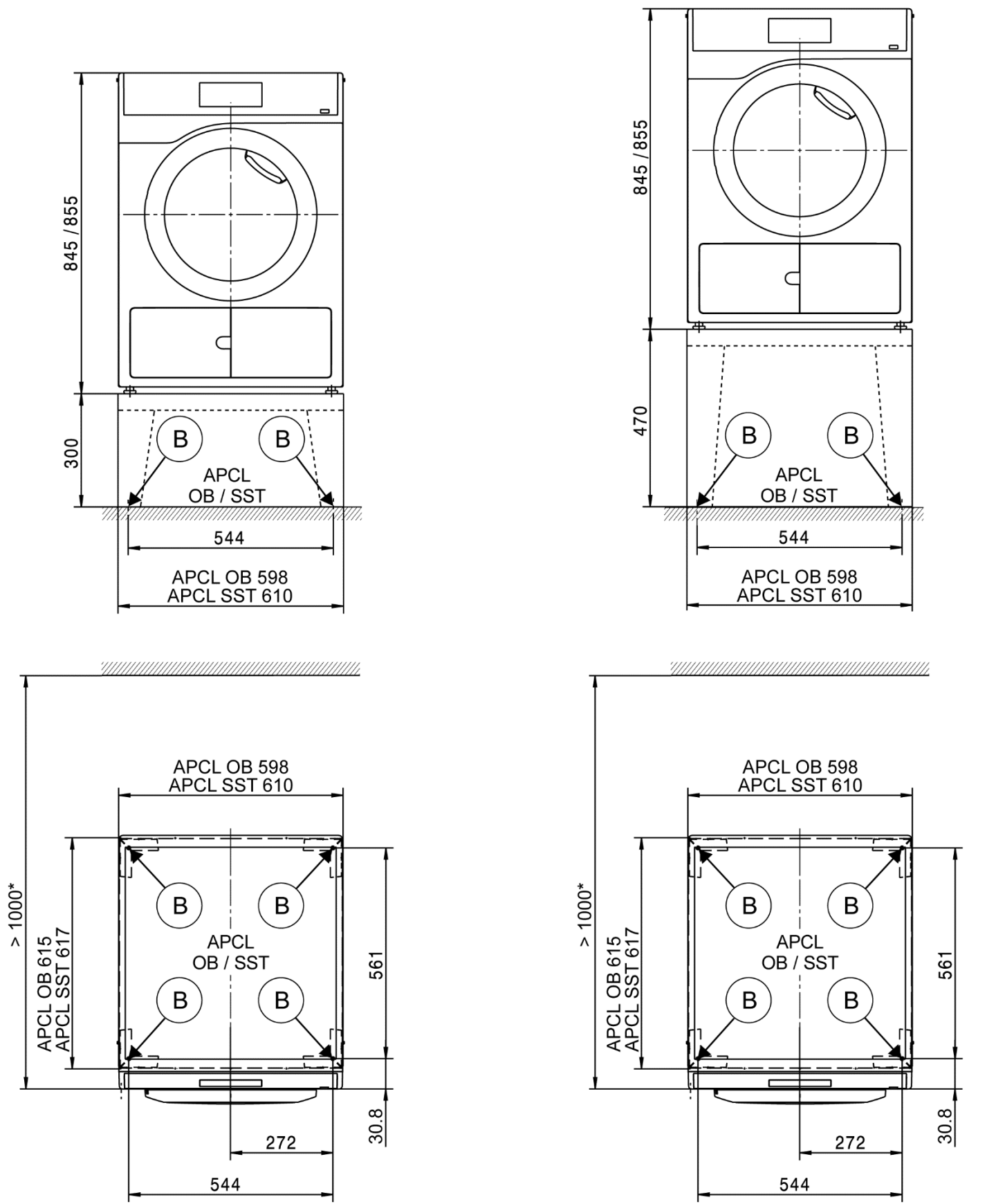
## Washer-dryer stack

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# Installation

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## Technical data

PDR 508 HP P		
Drying system		Heat pump
Drum volume	l	130
Load capacity	kg	8.0
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

### Condensate drain hose (ASK)

Max. drainage temperature	°C	70
Max. transient flow rate	l/min	3.6
On-site hose sleeve for drain hose	mm	10 x 30
Drain hose (internal diameter)	mm	10 (DN10)
Length of drain hose	mm	1500
Max. delivery head (from lower edge of appliance)	mm	1000

### Equipotential bonding (PA)

Appliance connection (separate kit required)		○
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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
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

PDR 508 HP P

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

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	68.5
Max. floor load in operation	N	925

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

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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 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.



The R290 refrigerant contained in this tumble dryer is flammable and explosive. If the tumble dryer is damaged, proceed as follows:

- Avoid naked flames or anything which creates a spark.
- Disconnect the tumble dryer from the electrical supply.
- Air the room where the tumble dryer is located.
- Contact the Miele Customer Service Department.

Risk of fire and explosion due to damage to the tumble dryer.

The refrigerant is flammable and explosive if it leaks.

Take measures to protect the tumble dryer against damage. Do not make any alterations to the tumble dryer.

## 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 (BS 7671 in the UK).

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, 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, fuses and contactors according to IEC/EN 60947).

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 plastic drain pipe with a rubber sleeve.**  
Use a non-return valve if the end of the hose could possibly become submerged in water.
2. **Connection to a washbasin with a plastic nipple.**  
Always use a non-return valve.
3. **Connection to a floor drain (gully).**  
Always use a non-return valve.
4. **Directed into a sink or basin.**  
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 APCL106 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 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 the Miele Customer Service Department 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 to 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
PDR 3xx/5xx/9xx HP P	PDR 3xx/5xx/9xx HP P	APCL 001
PDR 3xx/5xx/9xx HP P	PDR 3xx/5xx/9xx ROP EL	APCL 001
PDR 3xx/5xx/9xx ROP EL	PDR 3xx/5xx/9xx HP P	APCL 001