

**Miele**

Installation Plan

# Vented Dryer



PDR 908 EL

INDUSTRIAL USE ONLY

**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

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

## **U.S.A.**

**Miele, Inc.**

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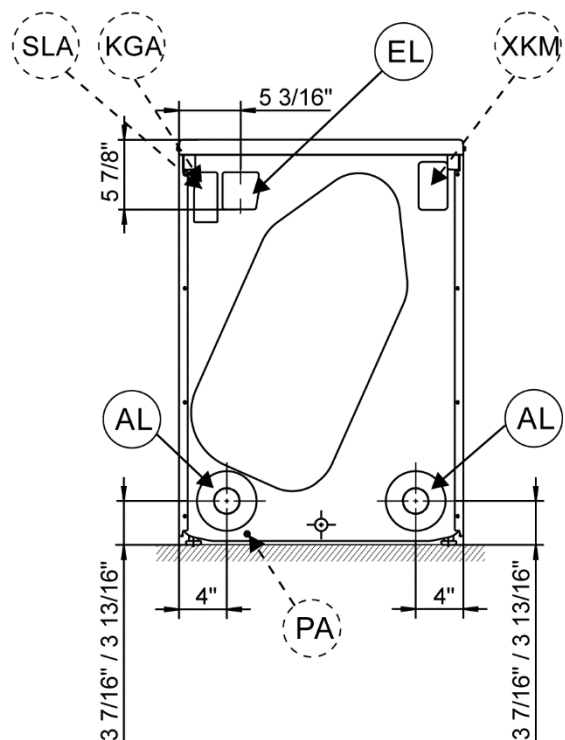
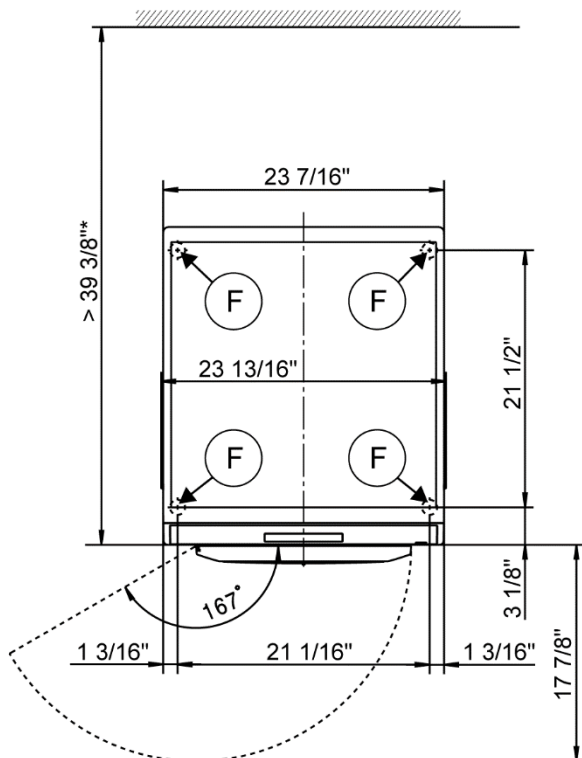
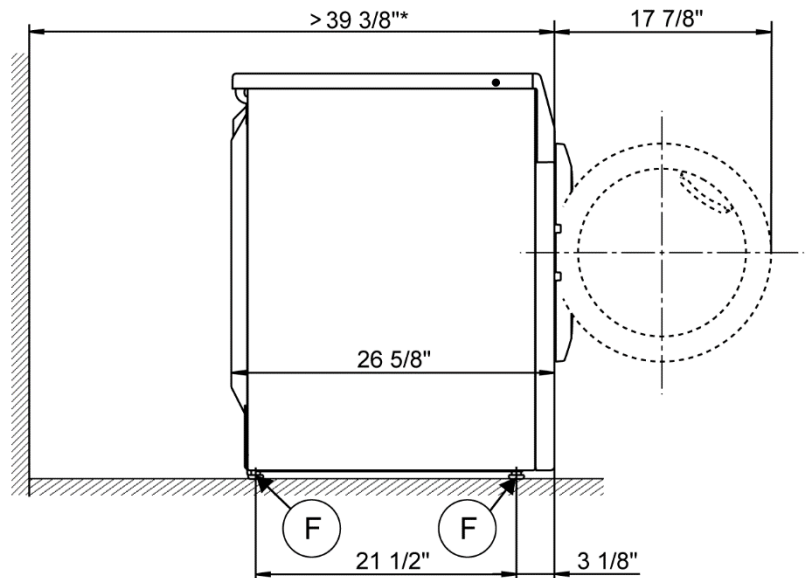
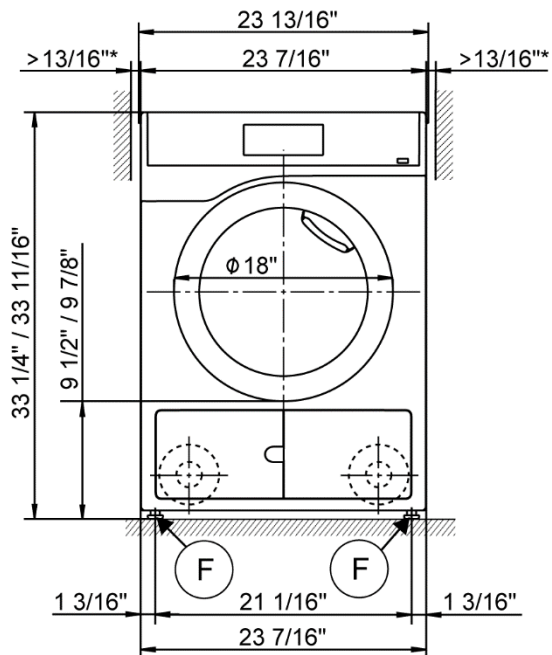
### **Legend:**

	Connection required		Connection optional or required, depending on model
AL	Vented	KLZ	Cooling air intake
ASK	Condensate drain hose	PA	Equipotential bonding and grounding
B	Machine anchoring	SLA	Peak-load connection
EL	Electrical connection	APCL SST	Closed plinth
F	Machine feet, adjustable	APCL OB	Open plinth
KG	Payment system	APCL 001	Washer-dryer stacking kit
KGA	Payment system connection	XKM	Communication module
KLA	Cooling air vent	ZL	Air intake

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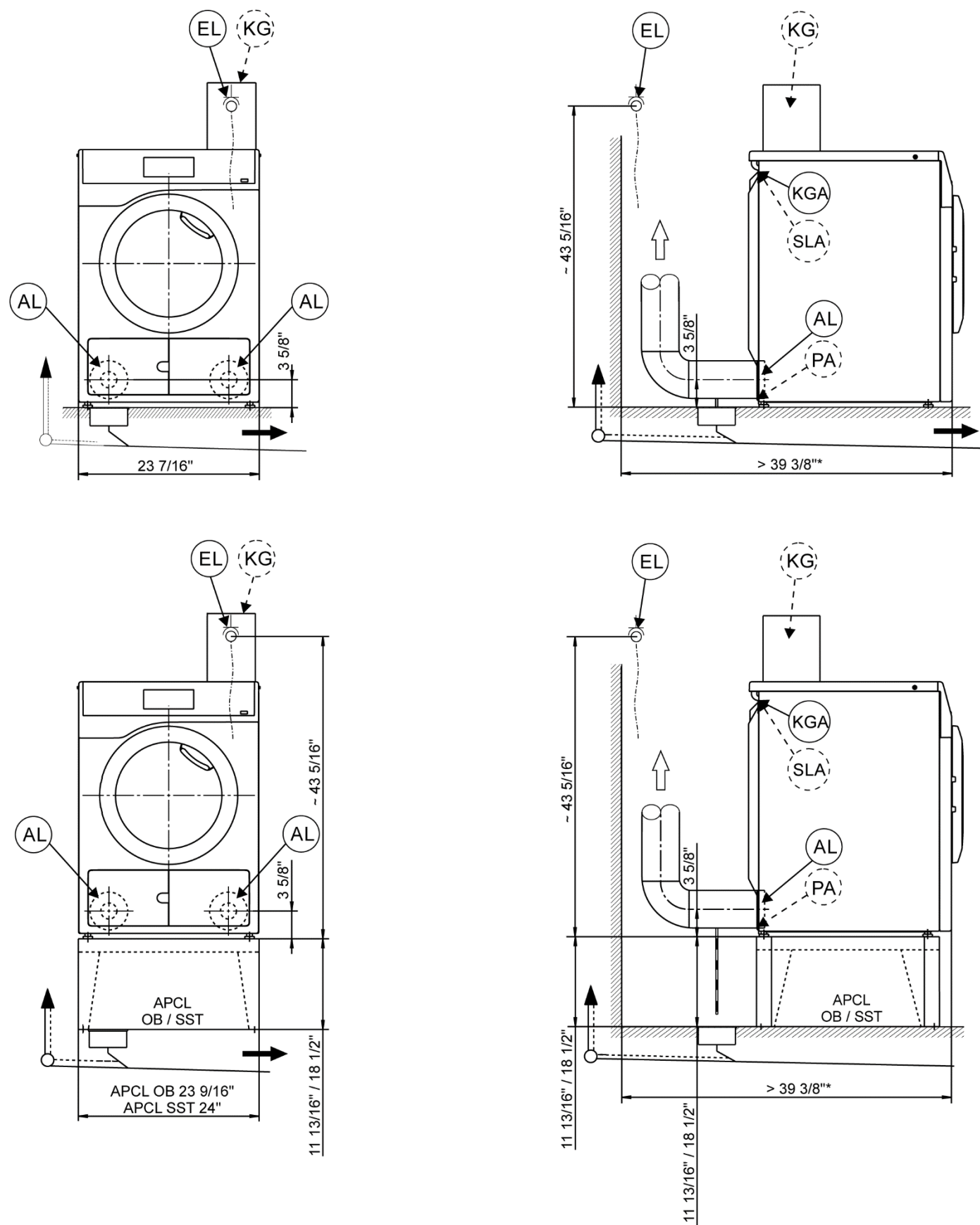
## Machine dimensions -measurements in inches-

\* 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.



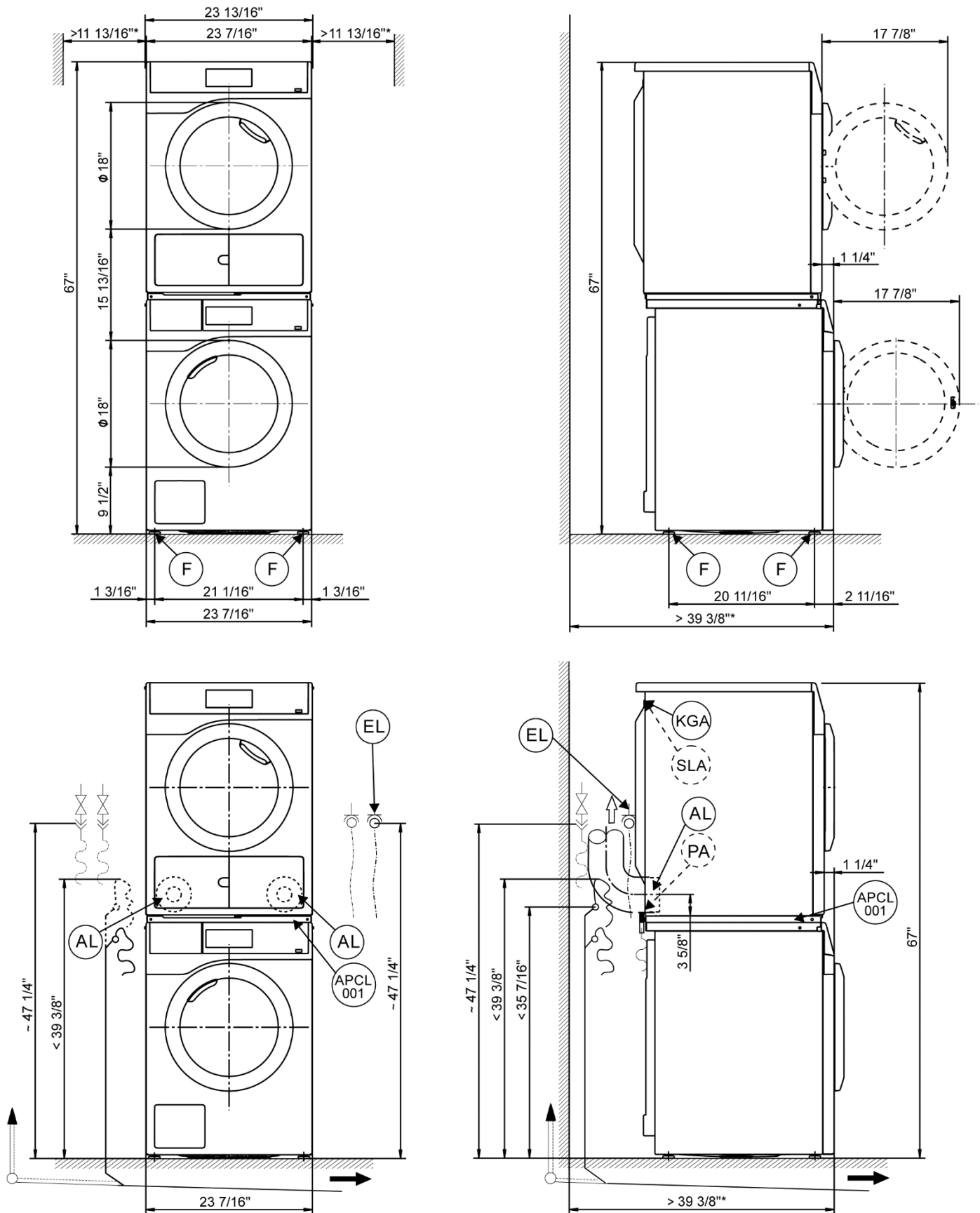
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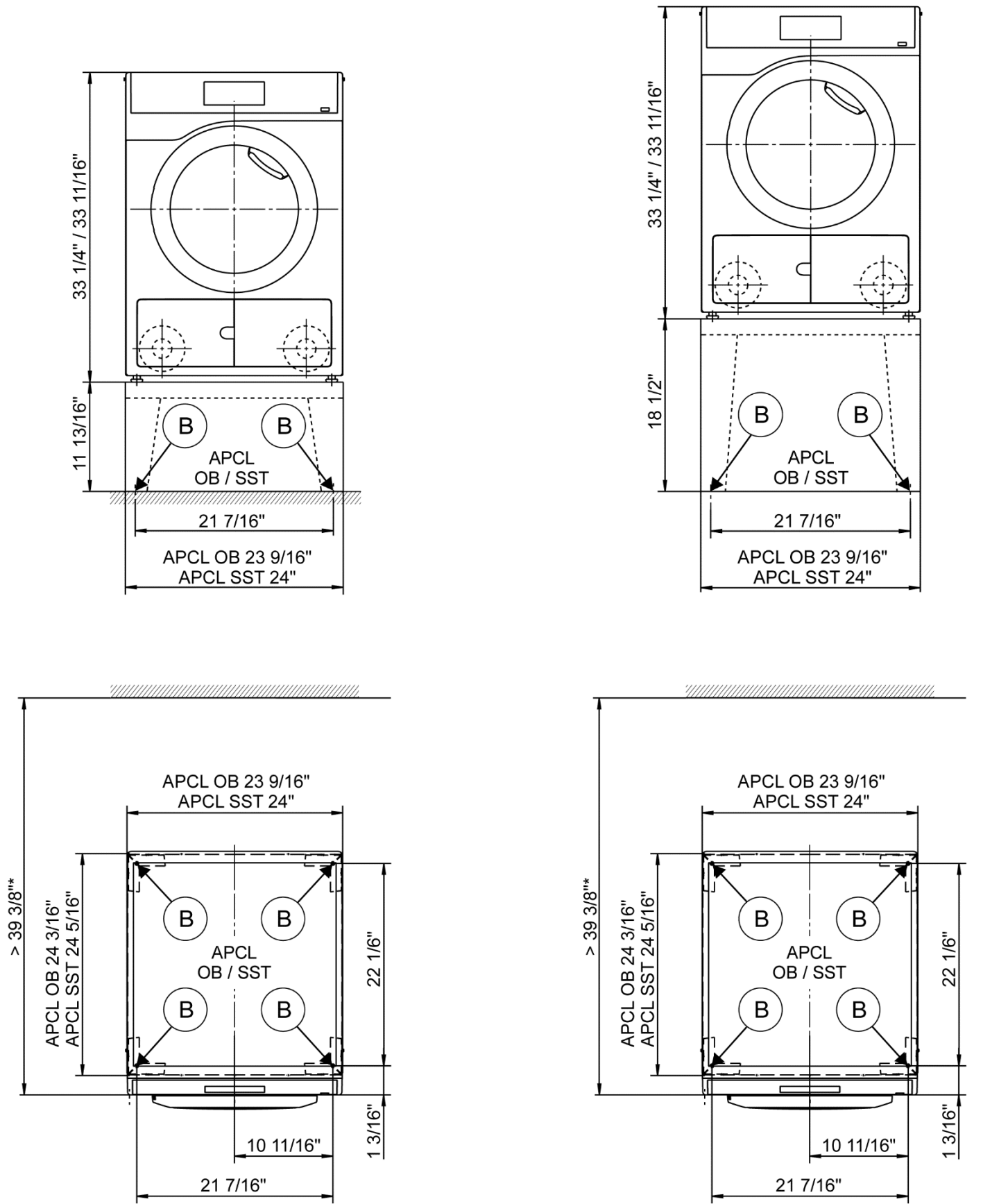
## Washer-dryer stack -measurements in inches-

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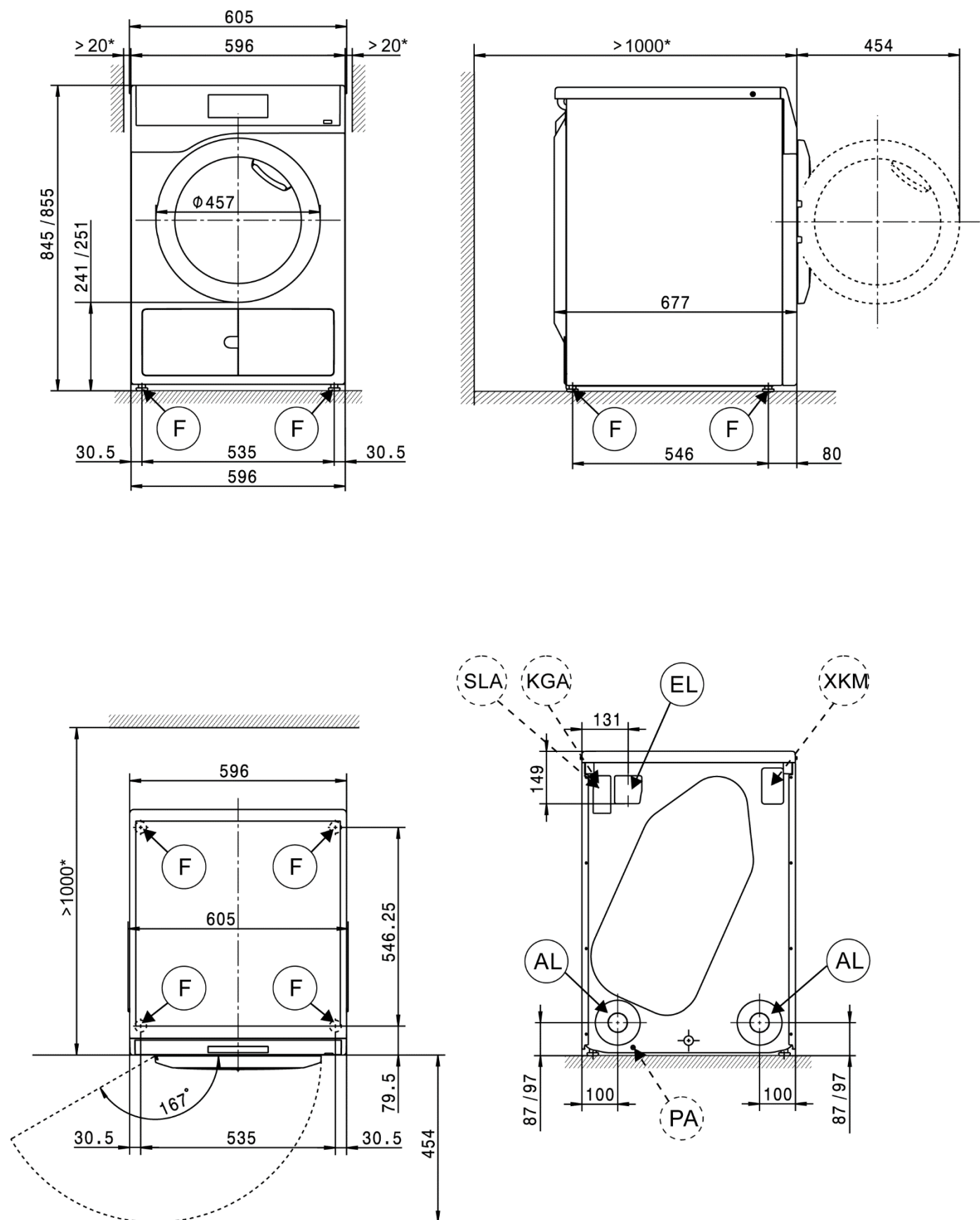
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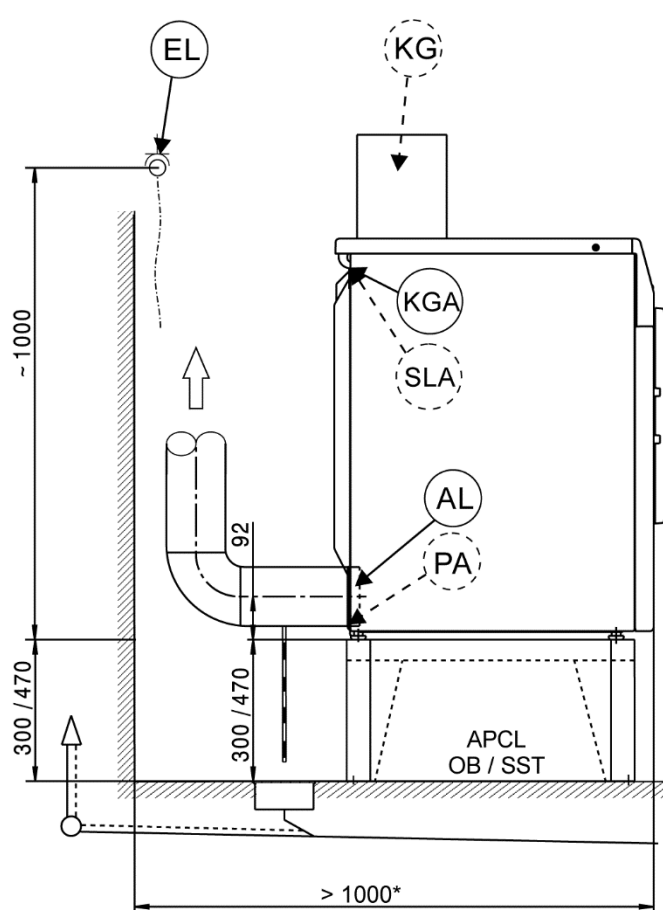
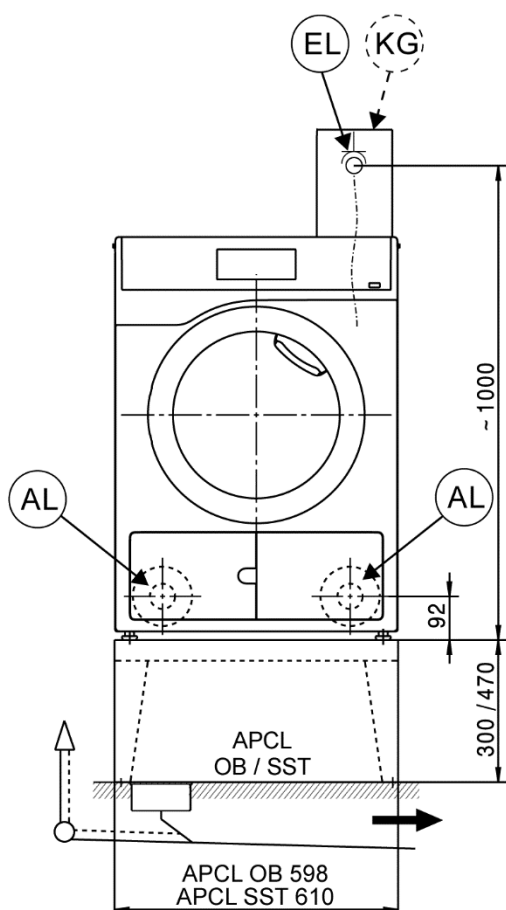
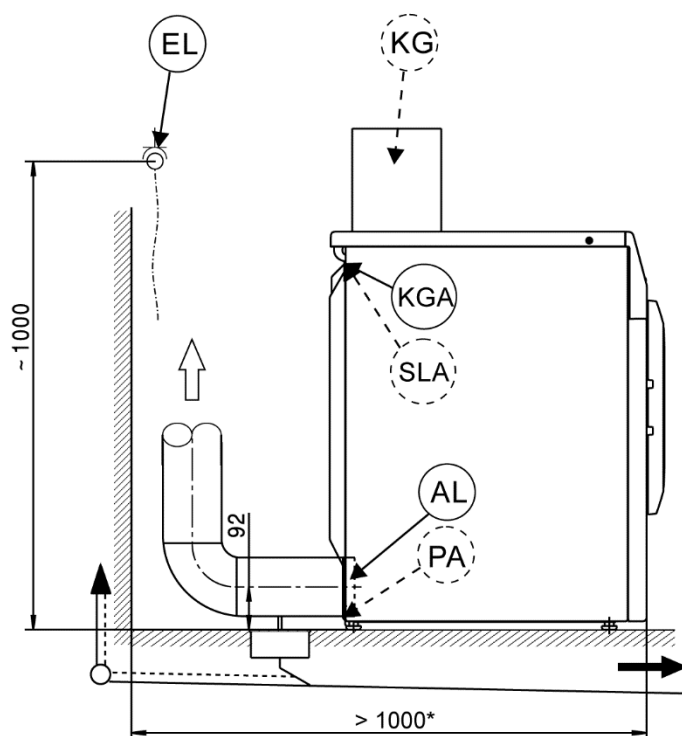
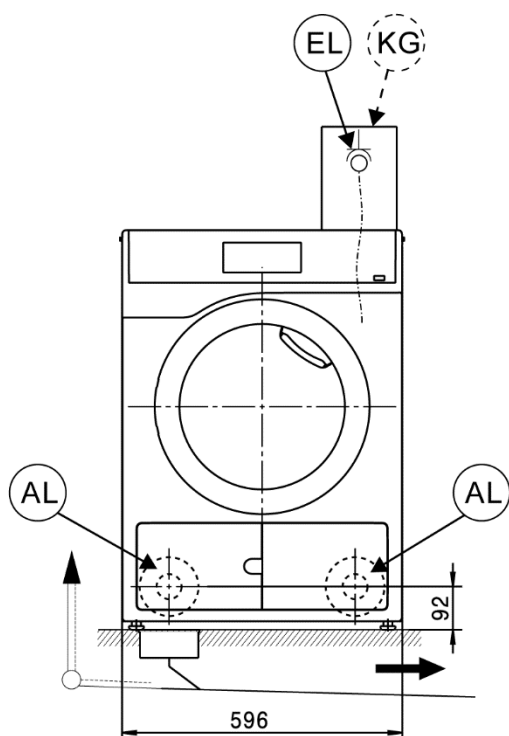
## Machine dimensions -measurements in millimeters-

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## Installation -measurements in millimeters-

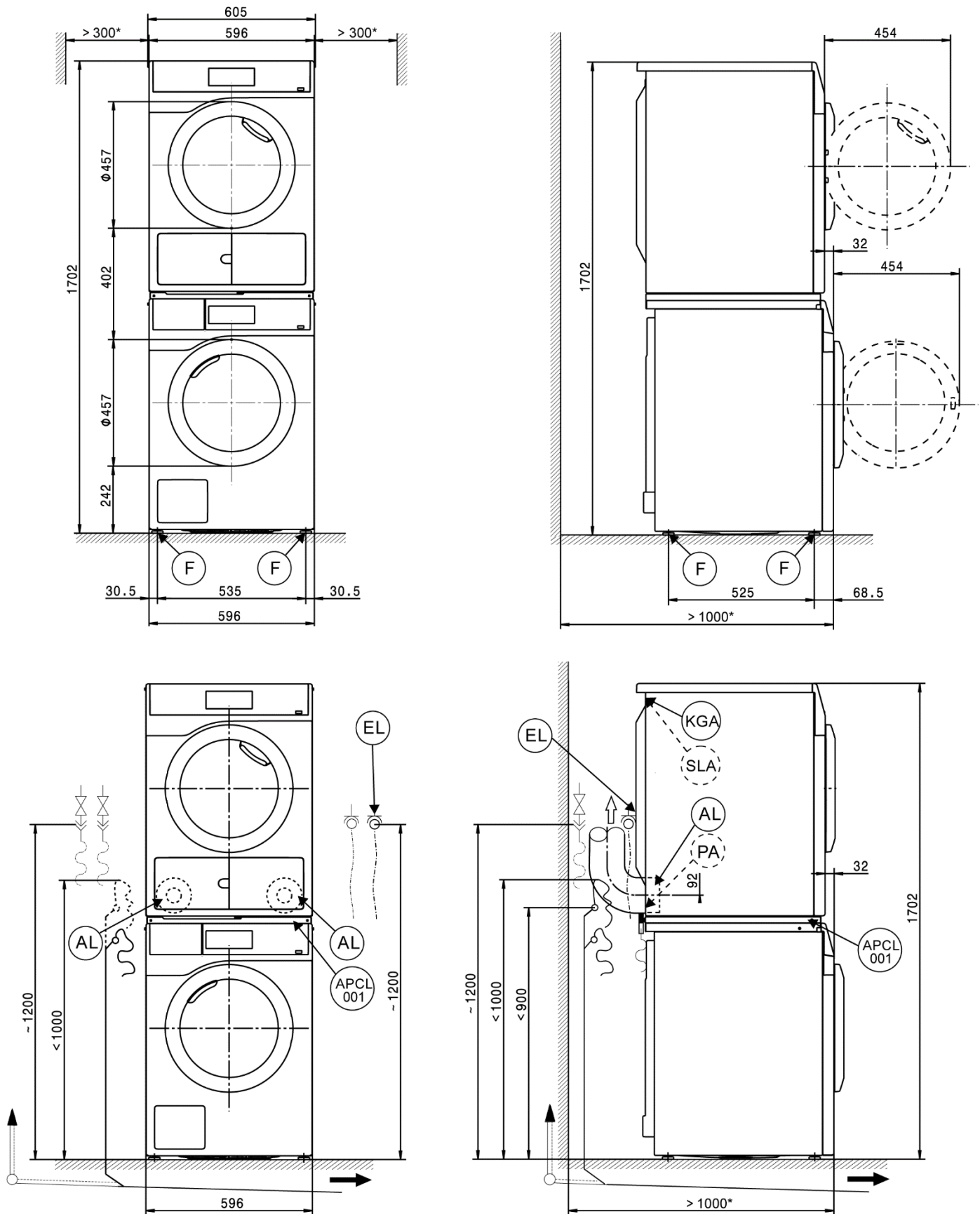
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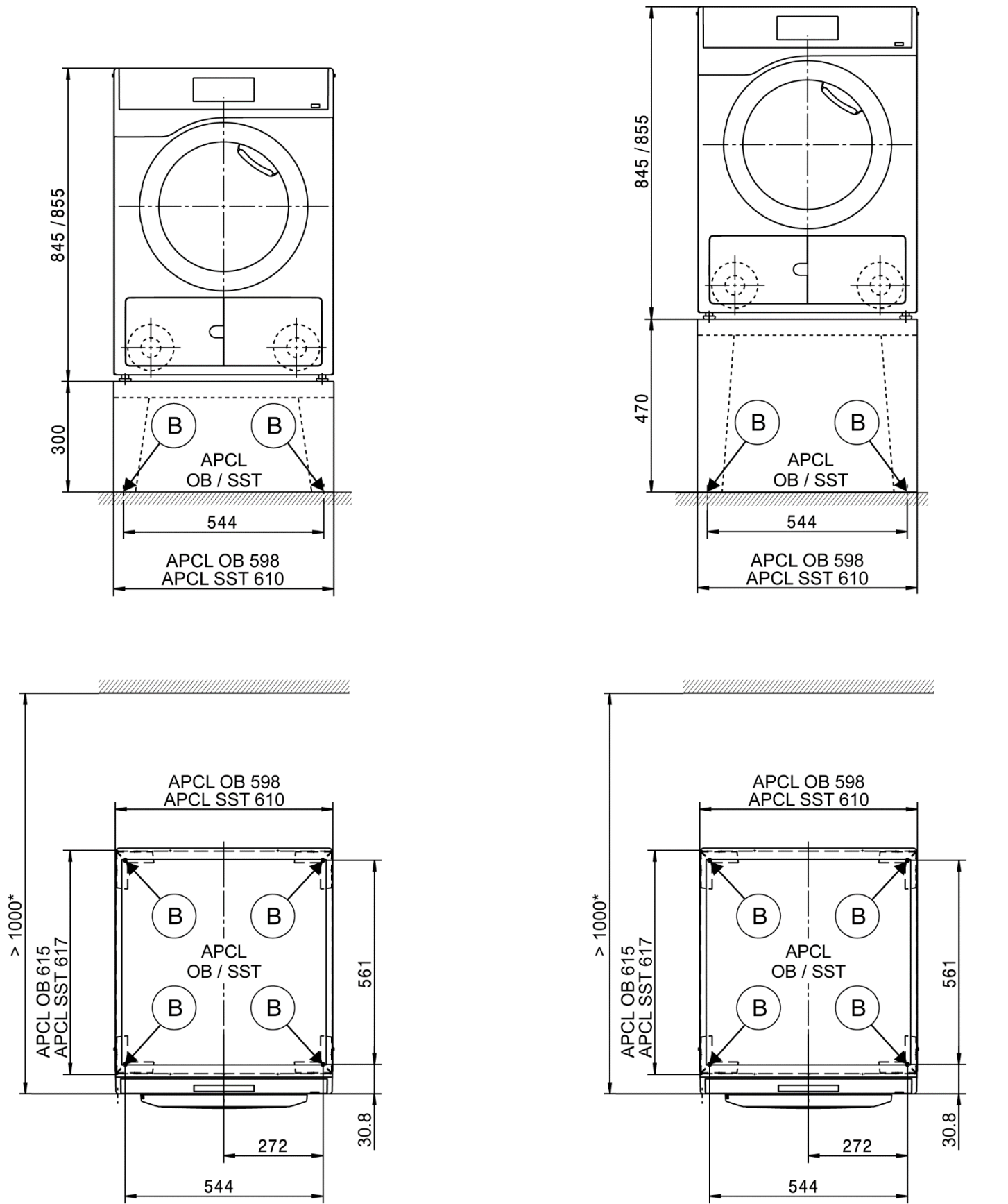
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## Technical data

	PDR 908 EL	PDR 908 EL
Drying system	Vented	Vented
Drum volume	34.3 gal	130 l
Capacity	17.6 lb	8.0 kg
Door opening diameter	14 9/16"	370 mm

### Electrical connection (EL)

Standard voltage for CDN & USA	2 AC 208–240 V	2 AC 208–240 V
Frequency	60 Hz	60 Hz
Total rated load	3.2/4.3 kW	3.2/4.3 kW
Fuse rating	2 x 30 A	2 x 30 A
Wire min. cross-section	3 x AWG10	3 x AWG10
Wire with plug NEMA L6–30	●	●
Wire length	72"	1,830 mm

Non-standard voltage MAR 208–240 (Marine)	2 AC 208–240 V	2 AC 208–240 V
Frequency	60 Hz	60 Hz
Total rated load	3.2/4.3 kW	3.2/4.3 kW
Fuse rating	2 x 30 A	2 x 30 A
Wire min. cross-section	3 x AWG10	3 x AWG10
Wire with plug NEMA L6–30	●	●
Wire length	72"	1,830 mm

### Vented (EL)

Connector (ext. diameter)	4"	100 mm
Max. vented air temperature	175 °F	80 °C

### Electrical connection with 50 Hz/60 Hz

Max. permissible pressure loss	340 Pa	340 Pa
Max. flow rate w/o counterpressure (0 Pa) in vented mode	10064 cfm	285 m³/h

### Potential equalization (PA)

Machine connection (with installation kit)	○	○
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### XCI-Box interface

	●	●
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### Peak load/Energy management (SLA)

Machine connection (with XCI-Box)	○	○
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### Communication module (XKM)

Communication module XKM 3200 WL PLT	○	○
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### Installation on machine feet (F)

No. of machine feet	4 No.	4 No.
Machine foot, height-adjustable with thread	± 3/16"	± 5 mm
Machine foot diameter	1 1/4"	31.7 mm

### Anchoring (B)

#### Anchoring of Miele Plinths

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

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

Machine installation on on-site plinth (concrete or masonry)	○	○
Min. plinth installation footprint (W/D)	23 5/8" / 25 9/16"	600/650 mm
Wood screws according to DIN 571	6 x 50 mm	6 x 50 mm
Rawl plugs (diameter x length)	8 x 40 mm	8 x 40 mm

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

## Machine data

	PDR 908 EL	PDR 908 EL
<b>Machine data</b>		
Overall machine dimensions (H/W/D)	33 7/16" / 23 13/16" / 28 1/4"	850/605/717 mm
Casing dimensions (H/W/D)	33 7/16" / 23 7/16" / 26 5/8"	850/596/677 mm

Min. site-access opening (excl. packaging)	35 7/16" / 23 13/16"	900/605 mm
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Side gap	13/16"	20 mm
Recommended side gap – washer-dryer stack	11 13/16"	300 mm
Recommended distance to opposite wall from front of machine	39 3/8"	1,000 mm

Machine weight (net weight)	114 lb	51.5 kg
Max. floor load in operation	670 N	670 N

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

● = 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: +35°F to +95 (+2°C to +35°C).

## Electrical connection

This tumble dryer is supplied with a power cord and plug ready for connection.

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 tumble dryer 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 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 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 tumble dryer to an alternative voltage, observe the instructions in the wiring diagram. Conversion must be performed by Miele Technical Service or by an authorized Miele dealer. 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 power cord. Please consult relevant local and national regulations when calculating any other wire gauges.

## Vent connection

Hot moist exhaust air should be vented to 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 installed in the system at the lowest point.

Condensate must not flow back into the machine.

It is permissible to vent exhaust air via an external wall. In this case, measures must be taken to minimize the risk and annoyance to neighboring buildings.

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 installed in the ducting.

Congestion in the line may lead to a drop in machine performance or to machines being switched off to guarantee safety.

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 such a case every tumble dryer 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 line 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 and grounding

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

Connection 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.

**Interface**

The tumble dryer can be installed 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 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 appliance is concentrated and transferred to the installation footprint via the machine feet.

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

**Plinth installation**

The tumble dryer 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.

**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 should be performed by Miele Technical Service or an authorized Miele service technician.