Installation plan

Washing machine

PW 6055 AV/LP
PW 6065 AV/LP

To avoid the risk of accidents or damage to the machine, it is **essential** to read operating and installation instructions before installation and commissioning
This prevents both personal injury and damage to the machine.

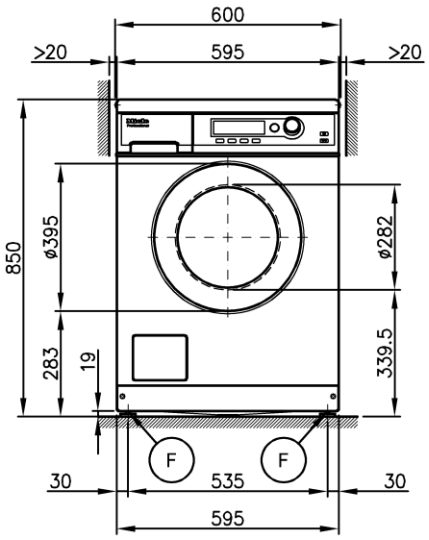
en - GB

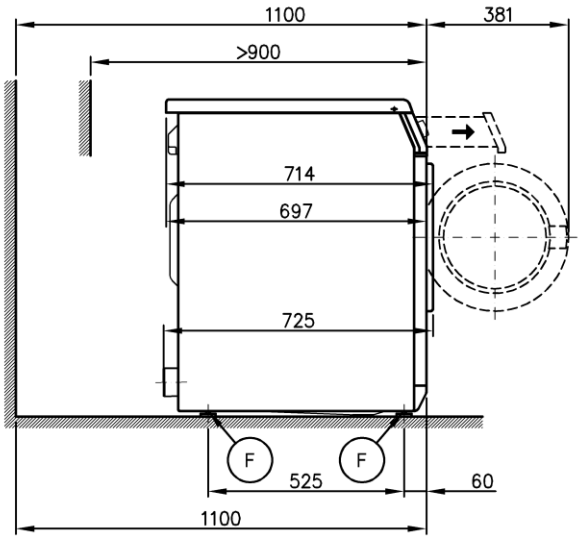
10 145 120 / 02

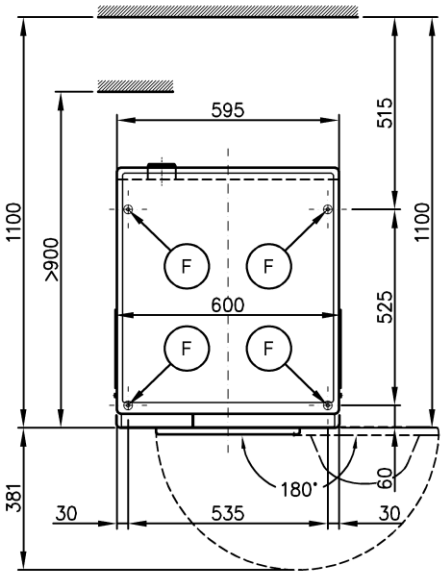
Legend:

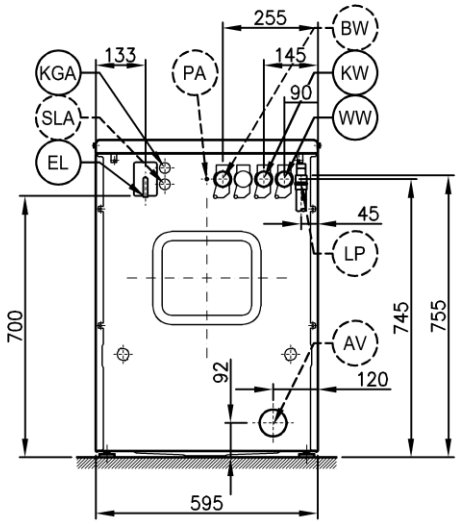
◯	Connection required	◌	Connection optional or required, depending on model
AV	Dump valve	KW	Cold water connection
AW	Drain connection	LP	Drain pump
B	Machine anchors	PA	Equipotential bonding
BW	Grey water connection	SLA	Peak-load connection
DOS	Dispenser connection	UG	Box plinth
EL	Electrical connection	UO	Open plinth
F	Machine feet, adjustable	WTV	Washer-dryer stacking kit
KG	Payment system	WW	Hot water connection
KGA	Payment system connection	XKM	Communication module

Machine dimensions PW 6055

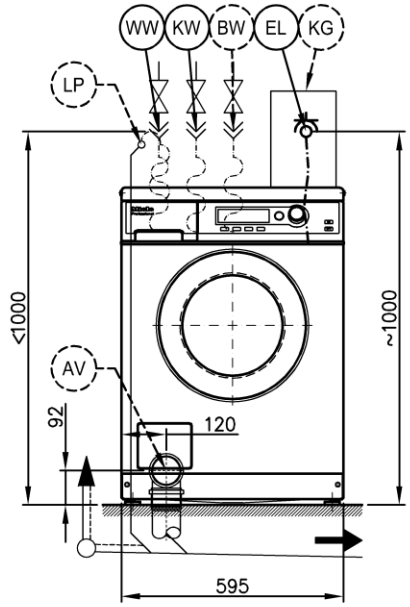


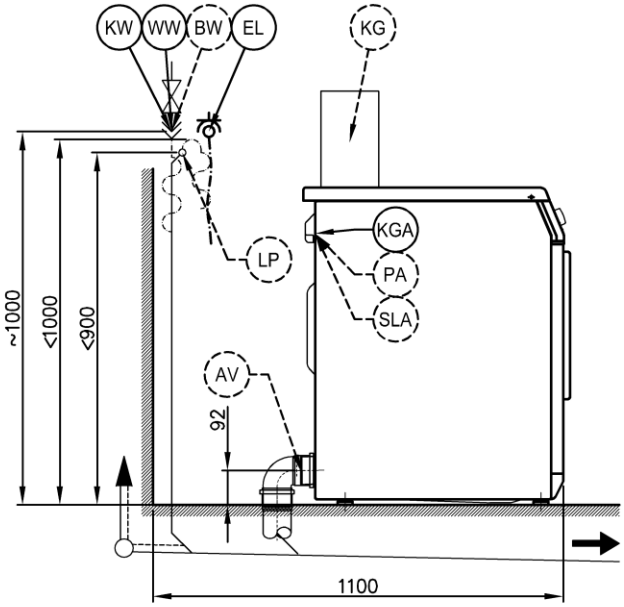


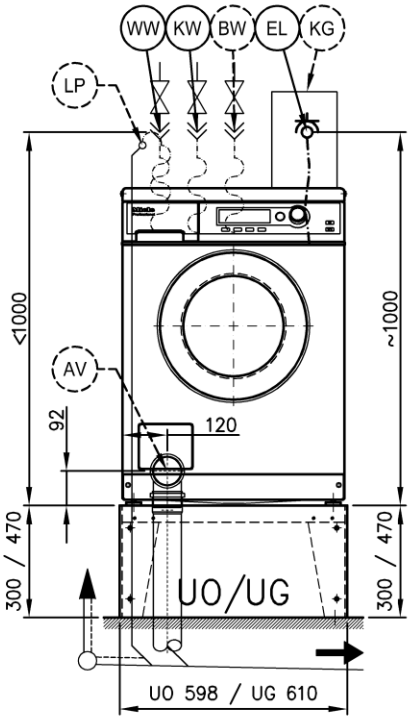


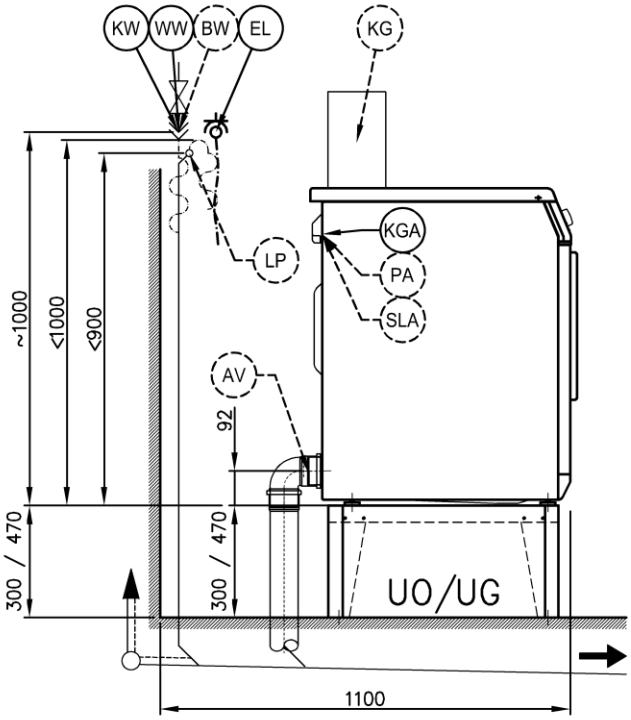


Installation PW 6055

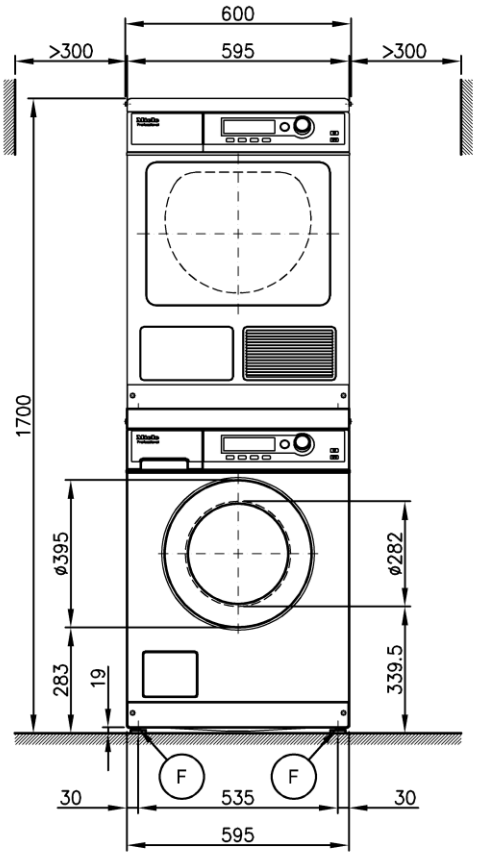


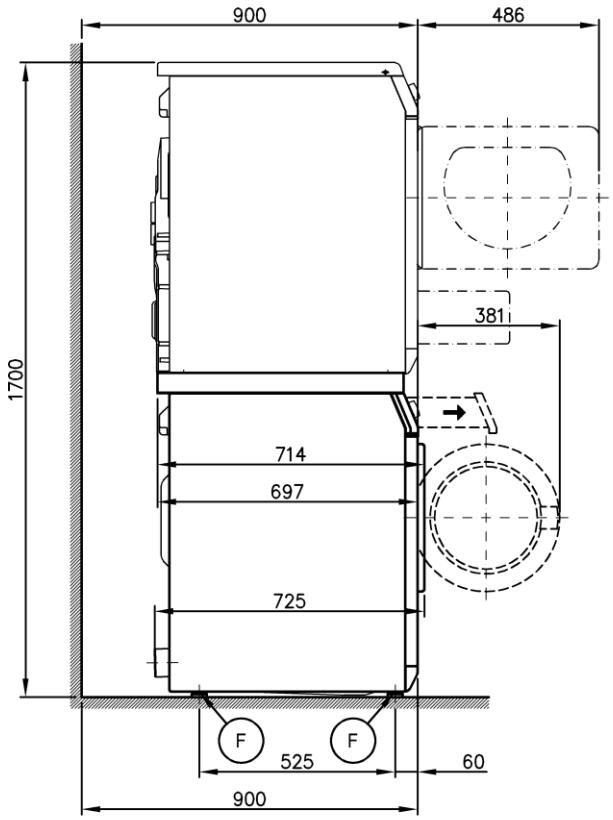


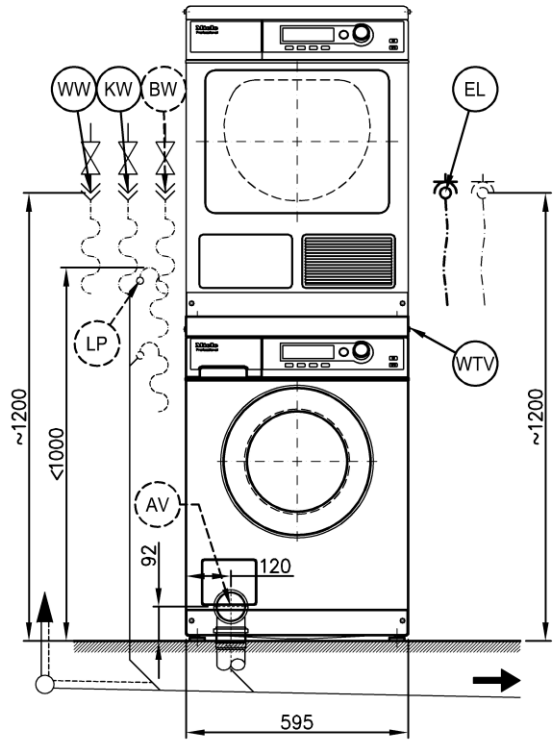


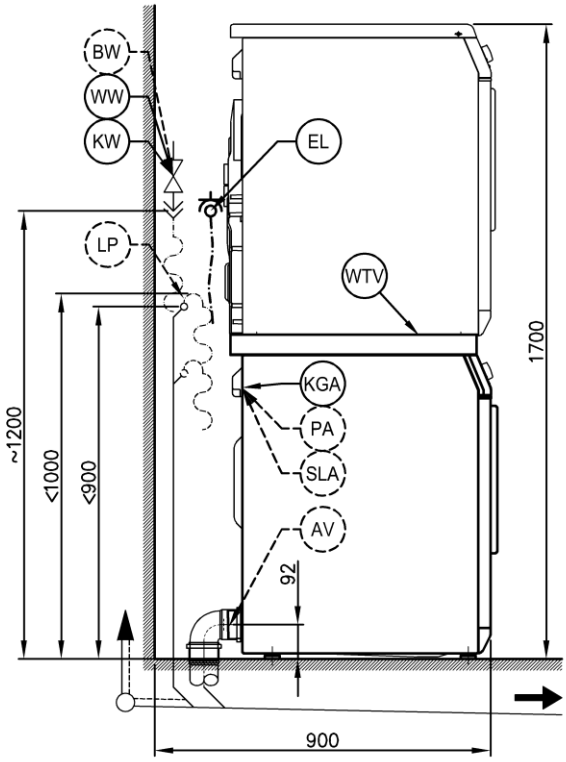


Washer-dryer stack PW 6055

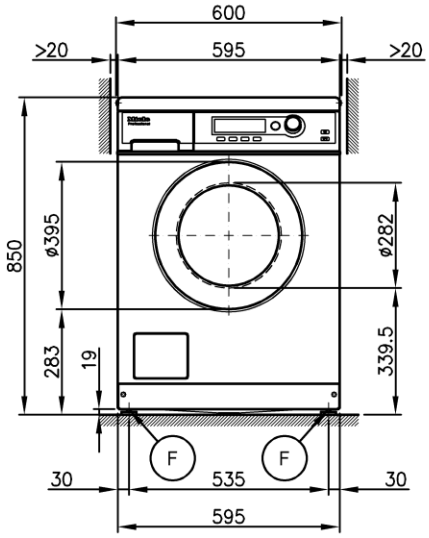


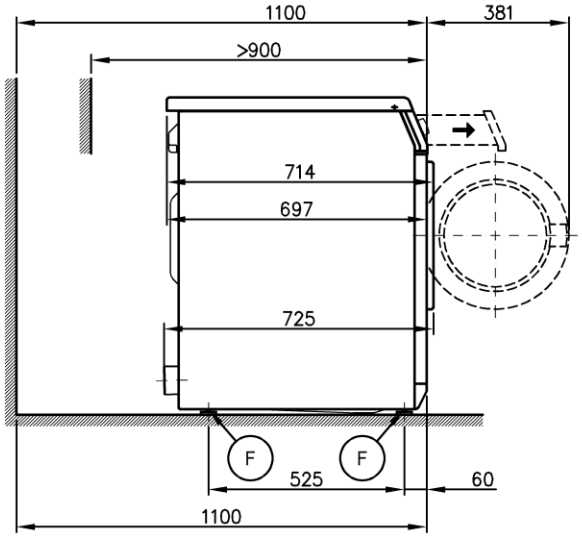


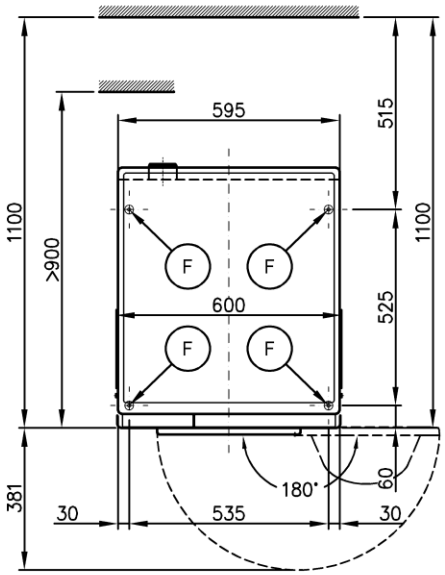


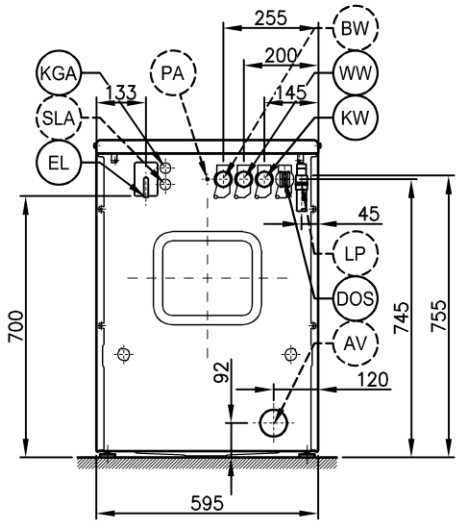


Machine dimensions PW 6065

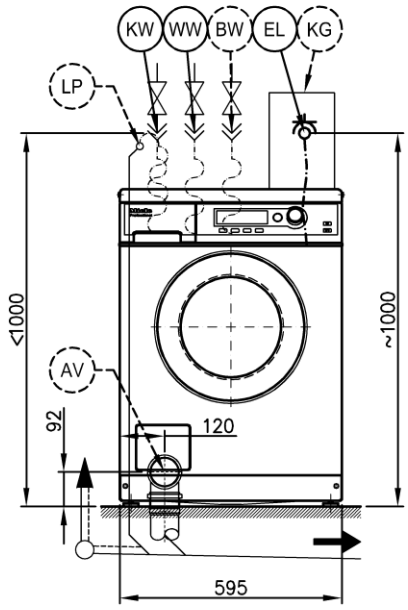


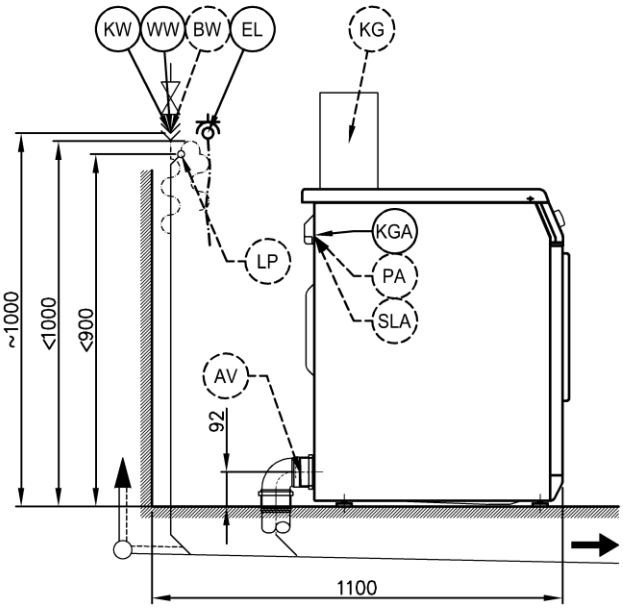


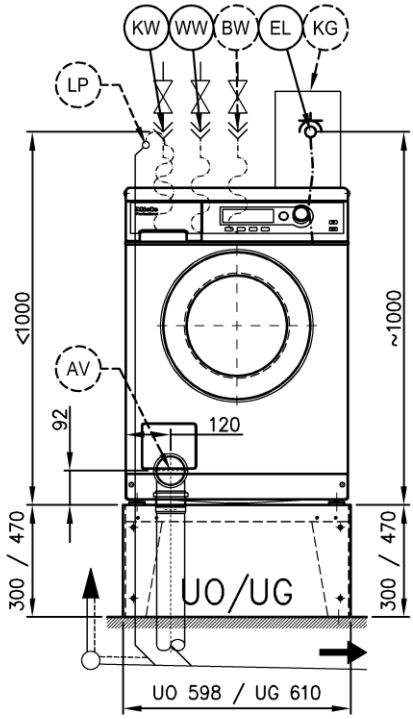


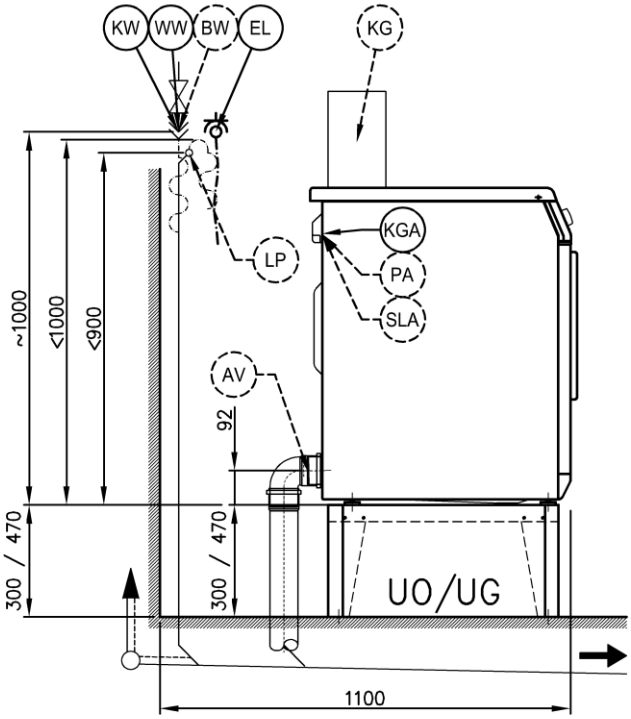


Installation PW 6065

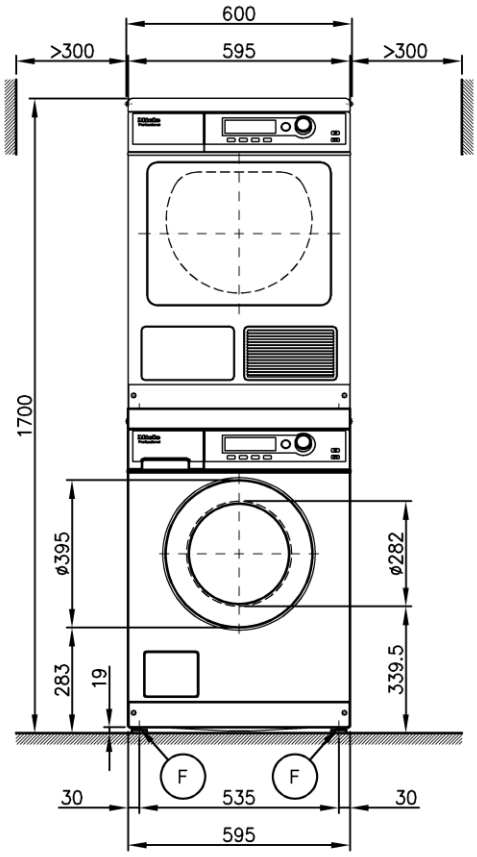


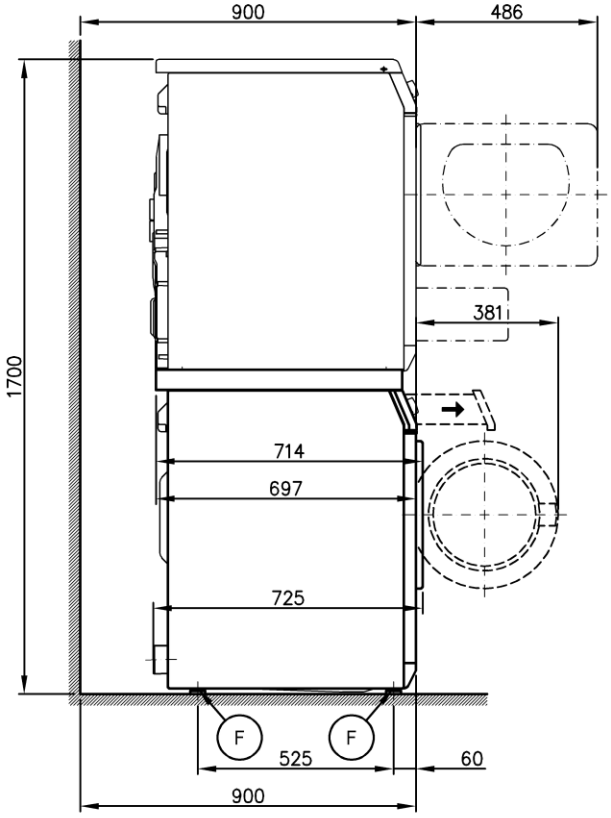


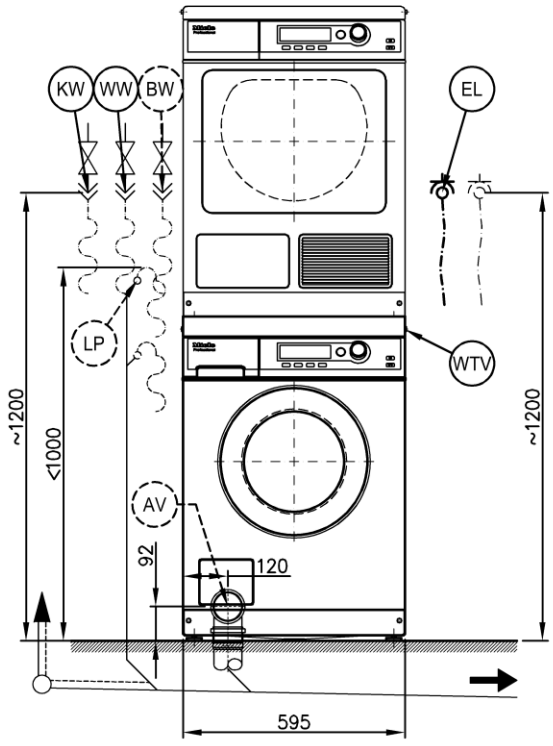


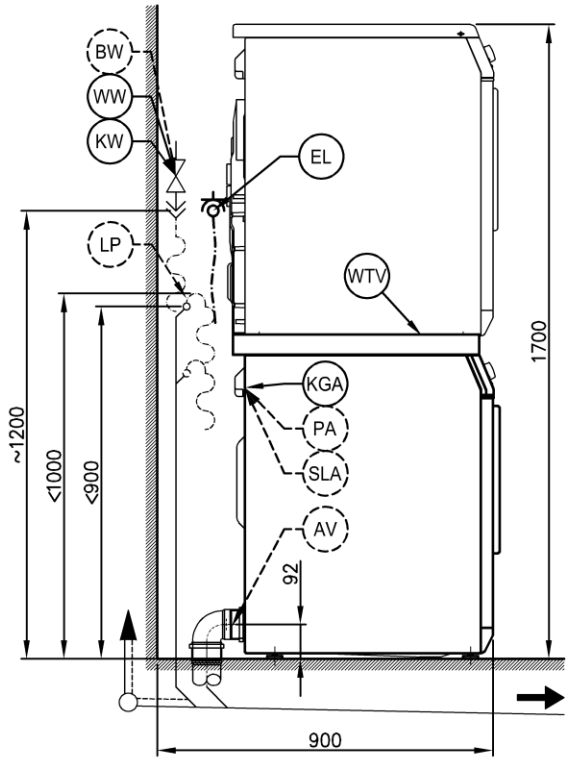


Washer-dryer stack PW 6065

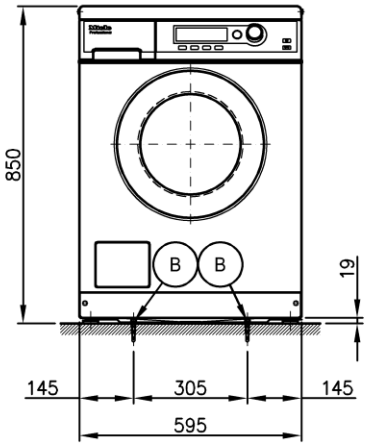


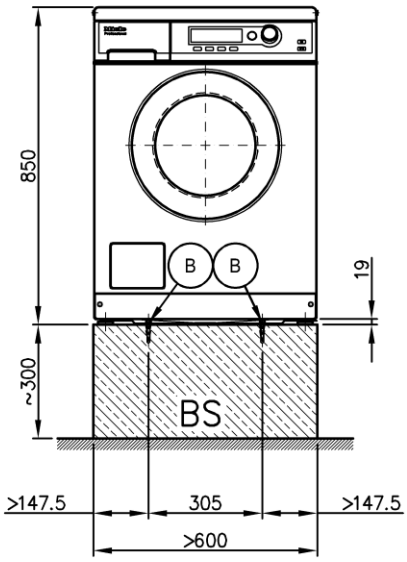


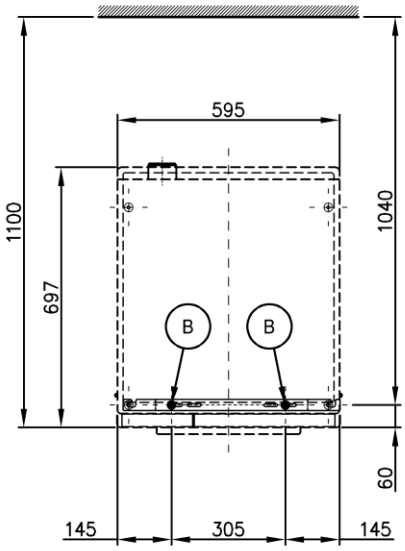


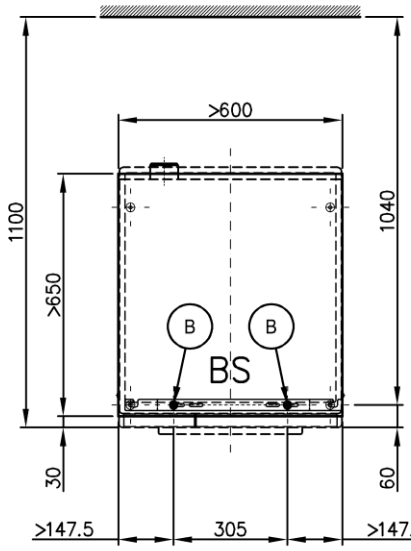


Installation

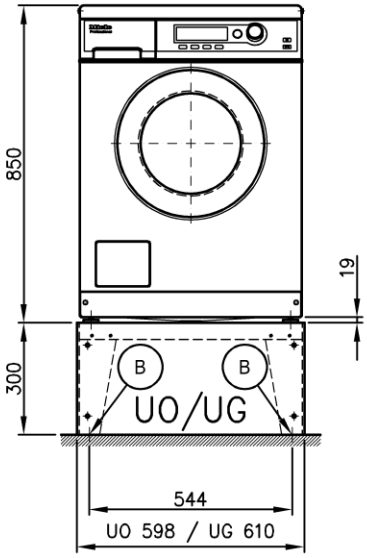


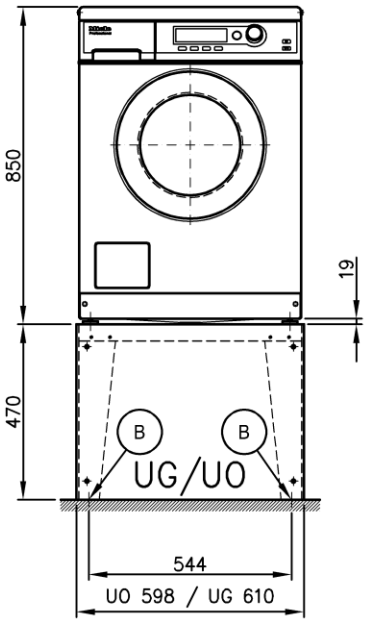


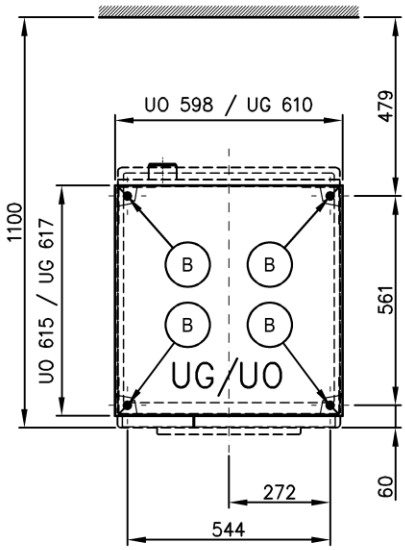


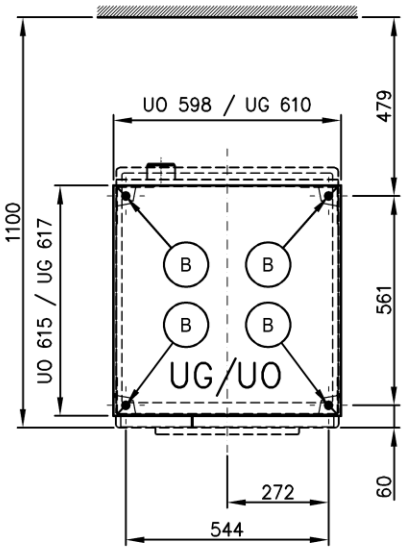


Installation









Technical data

		PW 6055 AV	PW 6055 LP	PW 6065 AV	PW 6065 LP
Drum volume	l	54	54	59	59
Load capacity	kg	5.5	5.5	6.5	6.5
Door opening diameter	mm	282	282	282	282
Spin speed, max.	rpm	1400	1400	1400	1400
g factor		526	526	526	526
Residual moisture (standard load per DIN 60456)	%	49	49	49	49
Electrical connection (EL)					
Standard voltage		**2N AC 400 V**	**2N AC 400 V**	**2N AC 400 V**	**2N AC 400 V**
Frequency	Hz	50	50	50	50
Total rated load	kW	5.5	5.5	5.5	5.5
Fuse rating (B trip rating according to EN 60898)	A	2 x 16	2 x 16	2 x 16	2 x 16
Supply lead min. cross-section	mm²	4 x 1.5	4 x 1.5	4 x 1.5	4 x 1.5
Supply lead without plug for hard-wired connection		●	●	●	●
Length of supply lead	mm	1800	1800	1800	1800
Alternative voltage (convertible by Service)		**1N AC 230 V**	**1N AC 230 V**	**1N AC 230 V**	**1N AC 230 V**
Total rated load	kW	2.85	2.85	2.85	2.85
Fuse rating (B trip rating according to EN 60898)	A	1 x 16	1 x 16	1 x 16	1 x 16
Supply lead min. cross-section	mm²	3 x 1.5	3 x 1.5	3 x 1.5	3 x 1.5
Non-standard voltage OS 440 (Offshore)		**-**	**-**	**3 AC 440 V**	**3 AC 440 V**
Frequency	Hz	-	-	60	60
Total rated load	kW	-	-	5.05	5.05
Fuse rating (B trip rating according to EN 60898)	A	-	-	3 x 16	3 x 16
Supply lead min. cross-section	mm²	-	-	4 x 1.5	4 x 1.5
Supply lead without plug for hard-wired connection		-	-	●	●
Length of supply lead	mm	-	-	1800	1800
Non-standard voltage OS 400 (Offshore)		**-**	**-**	**-**	**3 AC 400 V**
Frequency	Hz	-	-	-	50
Total rated load	kW	-	-	-	4.2
Fuse rating (B trip rating according to EN 60898)	A	-	-	-	3 x 16
Supply lead min. cross-section	mm²	-	-	-	4 x 1.5
Supply lead without plug for hard-wired connection		-	-	-	●
Length of supply lead	mm	-	-	-	2000
Non-standard voltage OS 230 (Offshore)		**-**	**-**	**-**	**3 AC 230 V**
Frequency	Hz	-	-	-	60
Total rated load	kW	-	-	-	4.4
Fuse rating (B trip rating according to EN 60898)	A	-	-	-	3 x 16
Supply lead min. cross-section	mm²	-	-	-	4 x 1.5
Supply lead without plug for hard-wired connection		-	-	-	●
Length of supply lead	mm	-	-	-	2000
Variations in the following countries:					
Standard voltage 13A (GB only)			**2N AC 400 V**	**2N AC 400 V**	**2N AC 400 V**
Frequency	Hz	-	50	50	50
Total rated load	kW	-	5.5	5.5	5.5
Fuse rating (B trip rating according to EN 60898)	A	-	2 x 13	2 x 13	2 x 13
Supply lead min. cross-section	mm²	-	4 x 1.5	4 x 1.5	4 x 1.5
Supply lead without plug for hard-wired connection		-	●	●	●
Length of supply lead	mm	-	2000	2000	2000
Alternative voltage (convertible)		**-**	**1N AC 230 V**	**1N AC 230 V**	**1N AC 230 V**
Total rated load	kW	-	2.85	2.85	2.85
Fuse rating (B trip rating according to EN 60898)	A	-	1 x 13	1 x 13	1 x 13
Supply lead min. cross-section	mm²	-	3 x 1.5	3 x 1.5	3 x 1.5

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

Technical data

		PW 6055 AV	PW 6055 LP	PW 6065 AV	PW 6065 LP
Standard voltage 13A (GB only)			**1N AC 220-240 V**		
Frequency	Hz	-	50	-	-
Total rated load	kW	-	2.1 - 2.4	-	-
Fuse rating (B trip rating according to EN 60898)	A	-	1 x 13	-	-
Supply lead min. cross-section	mm²	-	3 x 1.5	-	-
Supply lead with plug		-	●	-	-
Length of supply lead	mm	-	2000	-	-
Standard voltage 25A (GB only)		**1N AC 220-240 V**	**1N AC 220-240 V**	**1N AC 220-240 V**	**1N AC 220-240 V**
Frequency	Hz	50	50	50	50
Total rated load	kW	5.05 - 6.0	5.05 - 6.0	5.05 - 6.0	5.05 - 6.0
Fuse rating (B trip rating according to EN 60898)	A	1 x 25	1 x 25	1 x 25	1 x 25
Supply lead min. cross-section	mm²	3 x 2.5	3 x 2.5	3 x 2.5	3 x 2.5
Supply lead without plug for hard-wired connection		●	●	●	●
Length of supply lead	mm	2000	2000	2000	2000
Standard voltage (CH, DK, S only)		**3N AC 400 V**	**3N AC 400 V**	**3N AC 400 V**	**3N AC 400 V**
Frequency	Hz	50	50	50	50
Total rated load	kW	4.8	4.8	4.8	4.8
Fuse rating (B trip rating according to EN 60898)	A	3 x 10	3 x 10	3 x 10	3 x 10
Supply lead min. cross-section	mm²	5 x 1.5	5 x 1.5	5 x 1.5	5 x 1.5
Supply lead without plug for hard-wired connection		●	●	●	●
Length of supply lead	mm	2000	2000	2000	2000
Standard voltage (B only)				**3 AC 230 V**	**3 AC 230 V**
Frequency	Hz	-	-	50	50
Total rated load	kW	-	-	5.5	5.5
Fuse rating (B trip rating according to EN 60898)	A	-	-	3 x 20	3 x 20
Supply lead min. cross-section	mm²	-	-	4 x 2.5	4 x 2.5
Supply lead without plug for hard-wired connection		-	**-**	●	●
Length of supply lead	mm	-	-	2000	2000
Alternative voltage (convertible)		**-**	**-**	**2N AC 400 V**	**2N AC 400 V**
Total rated load	kW	-	-	5.5	5.5
Fuse rating (B trip rating according to EN 60898)	A	-	-	2 x 16	2 x 16
Supply lead min. cross-section	mm²	-	-	4 x 1.5	4 x 1.5
Alternative voltage (convertible)		**-**	**-**	**1N AC 230**	**1N AC 230**
Total rated load	kW	-	-	2.85	2.85
Fuse rating (B trip rating according to EN 60898)	A	-	-	1 x 16	1 x 16
Supply lead min. cross-section	mm²	-	-	3 x 1.5	3 x 1.5
Standard voltage (N only)		**1N AC 220-240 V**	**1N AC 220-240 V**	**1N AC 220-240 V**	**1N AC 220-240 V**
Frequency	Hz	50	50	50	50
Total rated load	kW	2.9 - 3.45	2.9 - 3.45	2.9 - 3.45	2.9 - 3.45
Fuse rating (B trip rating according to EN 60898)	A	1 x 16	1 x 16	1 x 16	1 x 16
Supply lead min. cross-section	mm²	3 x 1.5	3 x 1.5	3 x 1.5	3 x 1.5
Supply lead with plug		●	●	●	●
Length of supply lead	mm	2000	2000	2000	2000
Standard voltage (AUS only)				**1N AC 220-240 V**	**1N AC 220-240 V**
Frequency	Hz	-	-	50	50
Total rated load	kW	-	-	5.05 - 6.0	5.05 - 6.0
Fuse rating	A	-	-	1 x 25	1 x 25
Supply lead min. cross-section	mm²	-	-	3 x 2.5	3 x 2.5
Supply lead without plug for hard-wired connection		**-**	**-**	●	●
Length of supply lead	mm	-	-	2000	2000

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

Technical data

		PW 6055 AV	PW 6055 LP	PW 6065 AV	PW 6065 LP
Standard voltage (CDN only)		**-**	**-**	**-**	**2 AC 208 V**
Frequency	Hz	-	-	-	60
Total rated load	kW	-	-	-	4.0
Fuse rating	A	-	-	-	2 x 20
Supply lead min. cross-section	mm²	-	-	-	4 x AWG10
Supply lead without plug for hard-wired connection		-	-	-	●
Length of supply lead	mm	-	-	-	2000
Standard voltage (USA only)		**-**	**-**	**-**	**2 AC 208-240 V**
Frequency	Hz	-	-	-	60
Total rated load	kW	-	-	-	4.0
Fuse rating	A	-	-	-	2 x 30
Supply lead min. cross-section	mm²	-	-	-	4 x AWG10
Supply lead without plug for hard-wired connection		-	-	-	●
Length of supply lead	mm	-	-	-	2000
Cold water (KW)					
Permissible water flow pressure	kPa	100 - 1000	100 - 1000	100 - 1000	100 - 1000
Required flow rate (cold water connection only)	l/min	11	11	11	11
Required flow rate (with additional hot water connection)	l/min	10	10	10	10
Average water consumption (60°C standard programme)	l/h	36	36	40	40
Connection to be provided on site, external thread according to DIN 44991	Inch	¾“	¾“	¾“	¾“
Connection hose ½“ with ¾“ threaded union		●	●	●	●
Connection hose length	mm	1550	1550	1550	1550
Hot water (WW)					
Max. water intake temperature	°C	70	70	70	70
Permissible water flow pressure	kPa	100 - 1000	100 - 1000	100 - 1000	100 - 1000
Min. flow rate	l/min	11	11	11	11
Average water consumption (60°C standard programme)	l/h	13	13	13	13
Connection to be provided on site, external thread according to DIN 44991	Inch	¾“	¾“	¾“	¾“
Connection hose ½“ with ¾“ threaded union		●	●	●	●
Connection hose length	mm	1550	1550	1550	1550
Alternative water supply (BW)					
Kit with additional inlet valve		O	O	O	O
Permissible water flow pressure	kPa	100 - 1000	100 - 1000	100 - 1000	100 - 1000
Min. flow rate	l/min	11	11	11	11
Average water consumption (60°C standard programme)	l/h	14	14	17	17
Connection to be provided on site, external thread according to DIN 44991	Inch	¾“	¾“	¾“	¾“
Connection hose ½“ with ¾“ threaded union		O	O	O	O
Connection hose length	mm	1550	1550	1550	1550
Drain valve (AV)					
Connection (ext. diameter)	mm	75 (DN70)	-	75 (DN70)	-
Drainage temperature, max.	°C	90		90	
Max. transient flow rate	l/min	62	-	62	-
Drain pump (LP)					
Hose connection (external diameter)	mm	-	22 (DN22)	-	22 (DN22)
Drainage temperature, max.	°C	-	90	-	90
On-site hose sleeve (int. diameter x length)	mm	-	22 x 30	-	22 x 30
Max. transient flow rate	l/min	-	26	-	26
Max. head height (from lower edge of machine)	mm	-	1000	-	1000
Drain hose DN 22 with connector (supplied as standard)		-	●	-	●
Connection hose length	mm	-	1500	-	1500
Equipotential bonding (PA)					
Machine connection (separate kit required)		O	O	O	O

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

Technical data

		PW 6055 AV	PW 6055 LP	PW 6065 AV	PW 6065 LP
Peak load/energy management (SLA)					
Machine connection (separate kit required)		O	O	O	O
Control signal voltage		AC 230 V	AC 230 V	AC 230 V	AC 230 V
Payment system connection (KGA)					
Connection of payment systems		●	●	●	●
Communication module (XKM)					
RS 232 serial interface (XKM module retrofitting kit)		O	O	O	O
Liquid dispensing (DOS)					
Connection for liquid detergents (conversion kit required)		O	O	-	-
Connection for liquid detergents		-	-	●	●
No. of dispenser pumps, max.	No.	6	6	6	6
Installation on machine feet (F)					
No. of machine feet	No.	4	4	4	4
Machine foot, height-adjustable with thread	mm	±4	±4	±4	±4
Machine foot diameter	mm	40	40	40	40
Anchoring (B)					
Standard anchoring					
Floor anchor kit (for 2 machine feet)		●	●	●	●
Wood screws according to DIN 571	mm	6 x 50	6 x 50	6 x 50	6 x 50
Rawl plugs (diameter x length)	mm	8 x 40	8 x 40	8 x 40	8 x 40
Anchoring of Miele plinths					
Accessory: Miele plinth (fasteners included)		O	O	O	O
Required anchor points	No.	4	4	4	4
Wood screws according to DIN 571	mm	8 x 65	8 x 65	8 x 65	8 x 65
Rawl plugs (diameter x length)	mm	12 x 60	12 x 60	12 x 60	12 x 60
Plinth floor anchoring (to be provided on site)					
Machine installation on permanent plinth (concrete or masonry)		O	O	O	O
Plinth installation footprint (W/D)	mm	600/650	600/650	600/650	600/650
Wood screws according to DIN 571	mm	6 x 50	6 x 50	6 x 50	6 x 50
Rawl plugs (diameter x length)	mm	8 x 40	8 x 40	8 x 40	8 x 40
Machine data					
Overall machine dimensions (H/W/D)	mm	850/600/722	850/605/715	850/600/722	850/605/715
Casing dimensions (H/W/D)	mm	850/595/697	850/595/697	850/595/697	850/595/697
Site-access dimensions (H/W)					
Min. site-access (excl. packaging)	mm	900/600	900/600	900/600	900/600
Installation dimensions					
Min. side gap	mm	20	20	20	20
Recommended side gap - washer-dryer stack	mm	>300	>300	>300	>300
Recommended min. distance to opposite wall from machine front	mm	900	900	900	900
Recommended distance to opposite wall from front of machine	mm	1100	1100	1100	1100
Weights and floor loads					
Machine weight (net weight)	kg	106	106	109	109
Max. floor load in operation	N	2820	2820	2820	2820
Max. floor load, static	N	1380	1380	1455	1455
Max. floor load, dynamic	N	1365	1365	1365	1365
Max. drum rotation frequency	Hz	22	22	22	22
Emissions					
Sound pressure level in accordance with EN ISO 11204/11203	dB(A)	<70	<70	<70	<70
Heat dissipation rate to installation site	W	250	250	250	250

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

Options / Accessories

	Features
Box plinth (UG)	
Box plinth, H 300 mm (UG 5005)	Galvanised plinth, stainless-steel sides
Box plinth, H 470 mm (UG 5005-47)	Galvanised plinth, octoblue stove-finished side panels
Box plinth, H 750 mm (UG 5005-75)	Galvanised plinth, octoblue stove-finished side panels
Open plinth (UO)	
Open plinth, H 300 mm (UO 5005)	Galvanised plinth, octoblue stove finish
Open plinth, H 470 mm (UO 5005-47)	Galvanised plinth, octoblue stove finish
Washer-dryer stacking kit (WTV)	
Stainless-steel kit (WTV 5062)	Washer-dryer stacking kit
Lotus white kit (WTV 5061)	Washer-dryer stacking kit
Payment systems (KG)	
Single unit (C 4060)	Payment system with tokens (programme operation only)
Single unit (C 4065)	Payment system for tokens and euro coins, time and programme operation
Single unit (C 4070)	Payment system for tokens and euro coins, time and programme operation
Multi-machine unit (C 5200 BT)	Base unit for GeldKarte transactions (for max. 8 machines)
ABT 5220 remote bundle	Machine monitoring with Bluetooth communication (one each per machine)
Accessories	
Connection of peak-load/energy management (BSS)	Connection for peak-load and energy management functionalities
Equipotential bonding kit	The conversion kit is available from Spares
Communication module XKM (XKM RS 232-10)	Retrofitting kit XKM module with RS 232

● = 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 appropriate 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 machine must not be moved without the transit bars in place. Keep the struts in a safe place. They must be re-fitted if the machine is to be moved again (e.g. when relocating machine).

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 washer 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 qualified electrician.

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

The machine can be hard-wired or connected using a switched connection in accordance with IEC 60309-1. It is always recommended to make electrical connection via a plug and socket so that electrical safety checks, e.g. during repair or service work, can be carried out easily.

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 3 mm in the isolator switch (including switch, fuses and relays according to IEC/EN 60947).

The plug connectors or isolator switch should be easily accessible for servicing work. If the machine is disconnected from the electricity supply ensure adequate measures are taken to ensure that the machine cannot be reconnected to the electricity supply until all work has been carried out.

New connections, modifications to the system or servicing of the ground 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 machine to an alternative voltage, observe the instructions in the wiring diagram. Conversion must be performed by an authorised agent or a Miele service technician. The heater rating must also be properly set.

The machine must be permanently connected to the electricity supply so that the door can be opened. For this reason, it 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 supply lead. Please consult relevant local and national regulations when calculating any other wire gauges.

Cold water connection

The machine should be connected to a mains water supply in accordance with current local and national regulations on water safety.

Connection to the water supply should be carried out by a qualified plumber using a stopcock with a threaded union. If a stopcock is not available, a qualified plumber should connect the machine to the water supply.

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 Spares as separate items.

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 machine can be connected to a hot water supply of 70°C to max. 85°C. This requires the use of a separate heat-resistant inlet hose.

This additional hose must be obtained from Miele Spares. In addition, the appliance must be programmed accordingly by Miele Customer Service or an authorised agent.

Connection to hot water only is not possible for functional reasons.

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.

Grey water connection

The connection of an alternative type of water is optional and requires the use of an additional kit.

The same requirements apply as for the cold water connection.

Machine connection (depending on model)

The washer-extractor is drained using a motorised drain valve. The machine can be connected directly to the on-site drainage system (without an odour trap) or via a floor drain (floor drain with odour trap).

A vented drainage system is vital for unimpeded drainage. If on-site venting is insufficient, a vent kit (Mat. no. 05239540) is available from Miele Spares or authorised dealers.

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)

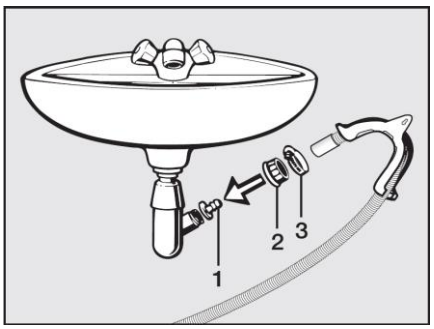
The machine drains through a pump with a 1 m delivery head. For the water to drain freely, the hose must be free of kinks. The swivel elbow at the end of the hose can be turned in either direction, or removed as needed with a sharp twist and pull.

Drain hose connection:

1. Connected securely to a plastic drain pipe with a rubber sleeve. There is no need for a U-pipe.
2. Connected to a sink using a plastic nipple.
3. Connected securely to a floor drain.

The drain hose with non-return valve fitted can be connected directly to a suitable sink drain outlet.

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



If required, the hose can be extended to a length of 5 m. The necessary parts can be ordered from Miele Spares.

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 or your Miele Dealer for advice.

Equipotential bonding

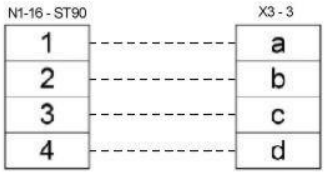
If necessary, equipotential bonding with good galvanic contact must be guaranteed in compliance with all applicable local and national installation specifications.

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

Peak load/energy management

The machine can be connected to a peak-load or energy management system using an optional kit.

Three signals are issued by the machine via a terminal strip. The terminal strip is labelled a, b, c, and d.



a - Output signal, Start of machine operation

b - Output signal, Machine heating request

c - Peak-load input signal, Machine heating deactivated

d - Neutral conductor

When a peak-load signal is received, the heating is deactivated and the programme stopped. An appropriate message appears in the display.

The programme is resumed automatically when the peak-load system reactivates the heating.

Liquid dispensing connection

External liquid dispenser pumps with a 'container empty' indicator can be used to dispense liquid detergents.

Only liquid dispenser pumps with their own controls or programming facilities can be used.

It is particularly important to observe manufacturer's instructions when using a combination of detergents, additives and special-purpose products.

Payment system

This washer-extractor can be fitted with a single-machine payment system (optional accessory). The necessary programming should only be performed by a qualified agent or by Miele Service.

Alternatively, a wireless multi-machine system for a maximum of 8 units can be connected to a Geldkarte payment system and further controls used to monitor machines.

Serial interface

The serial interface is provided by an additional XKM RS323 module. Connected external machines must also be fused in accordance with SELV requirements. External connection units must also comply with SELV.

The plug-in module is provided with a connection cable and a D-Sub plug for connection.

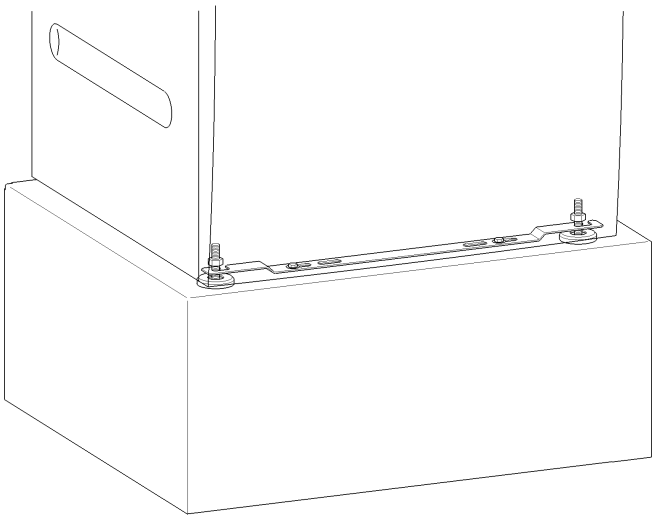
Installation and anchoring

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.

It is not absolutely necessary to bolt the machine to the floor.

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



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

Bolts and fasteners for all other floor types must be provided on site.

Plinth installation

The 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 concrete floor below!

If the 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 machine moving and falling off the plinth during spinning.

Installing the machine on vessels

Secure all four of the washing machine's feet.On other types of floor structures (in cases where the washing machine is being installed on sea-going vessels, for example), the fixing materials must be provided on site.

When installing the machine on sea-going vessels, the appliance must be secured to prevent slipping and tipping, by fastening it to the floor of the vessel. (This can be done by welding socket retainers to the floor of the vessel, for instance.)

Secure all four of the washing machine's feet.

Washer-dryer stack

A Miele tumble dryer can be stacked on top of this washer-extractor. A WTV stacking kit (optional accessory) is required for this.

Installation of the stacking kit must be performed by Miele Service or an authorised agent.