Miele PROFESSIONAL

Installation plan

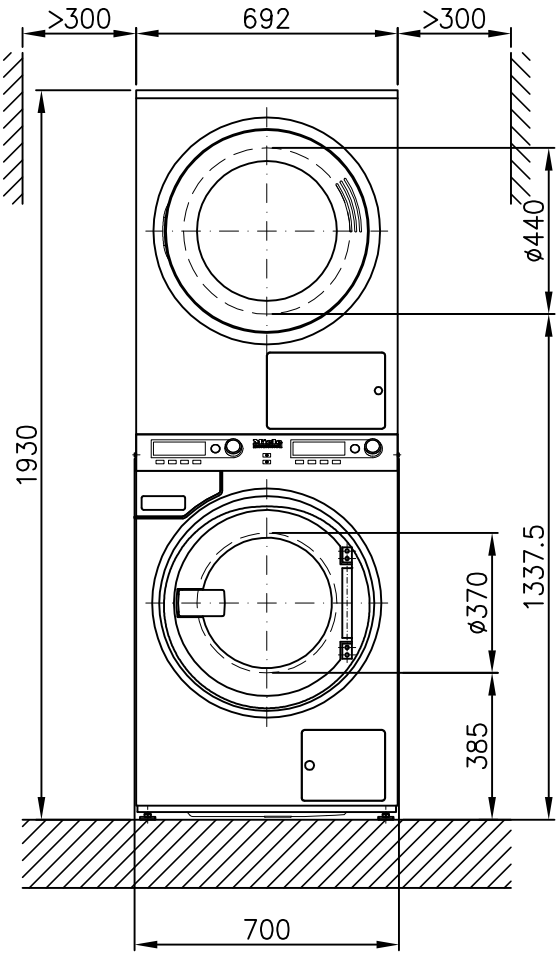
Washer-dryer stack

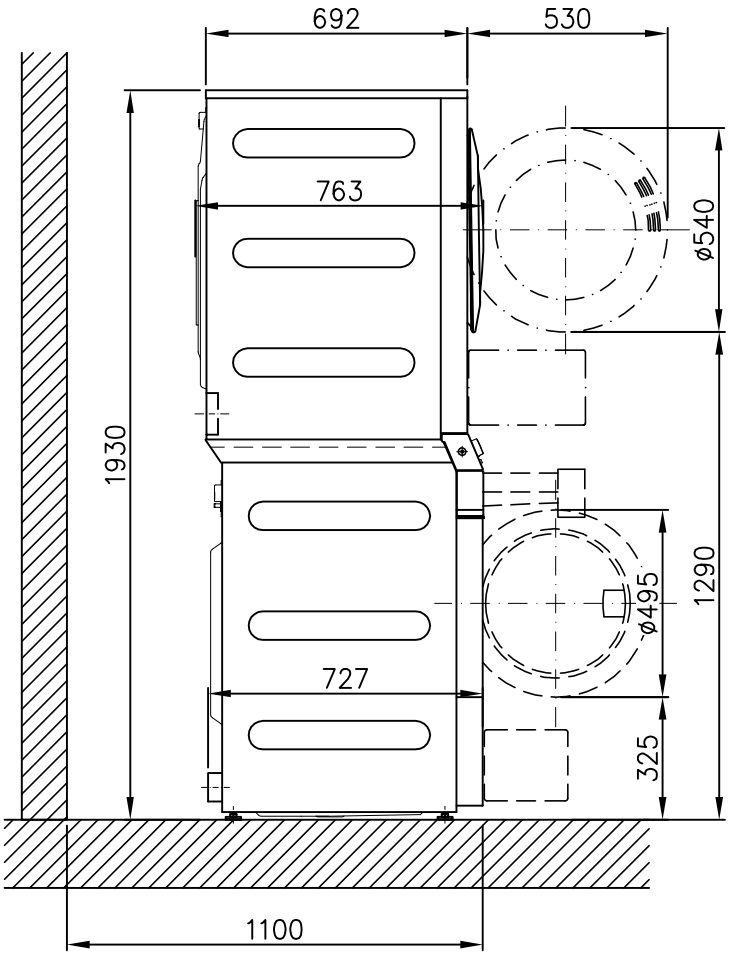
PWT 6089 EL AV/LP

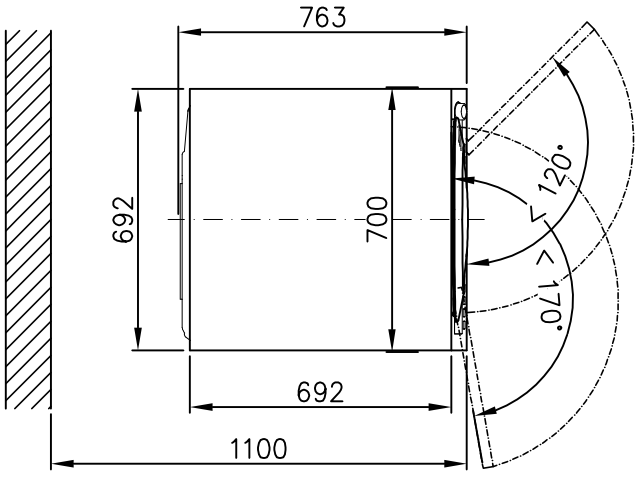
en - GB

01.12

M.-Nr. 09 346 470 / 01







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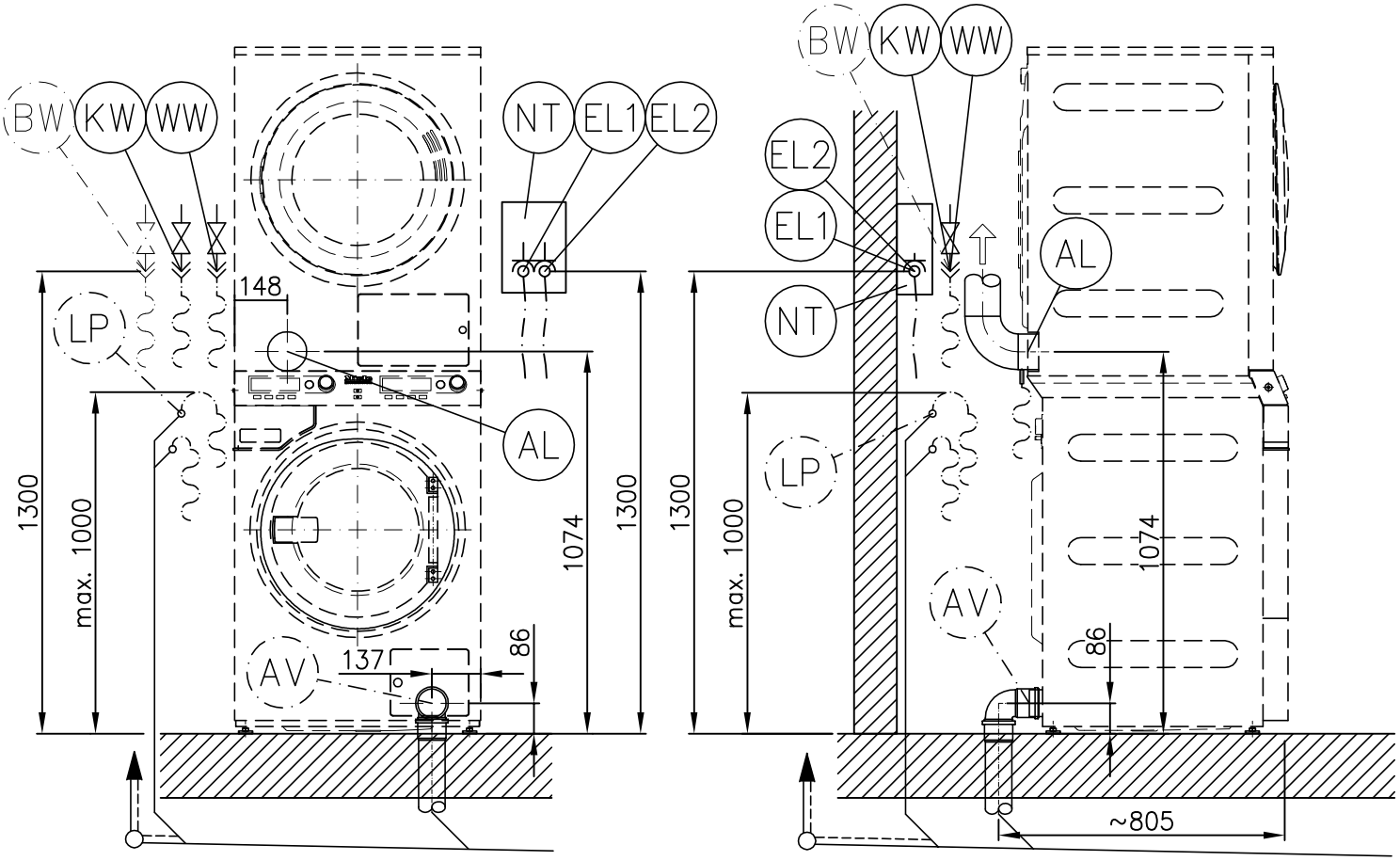
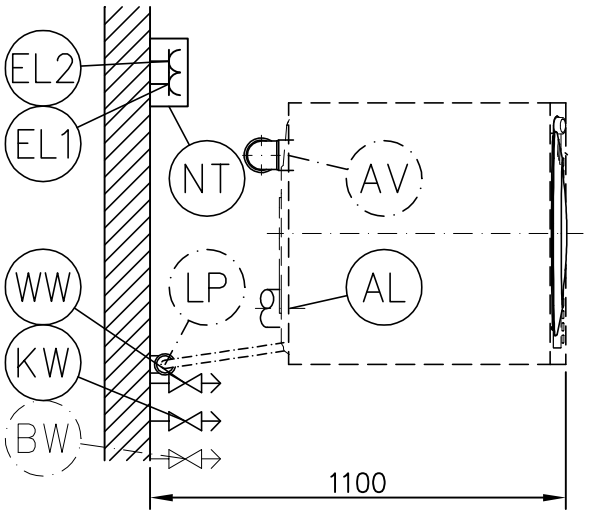
		Name	DEBOHD





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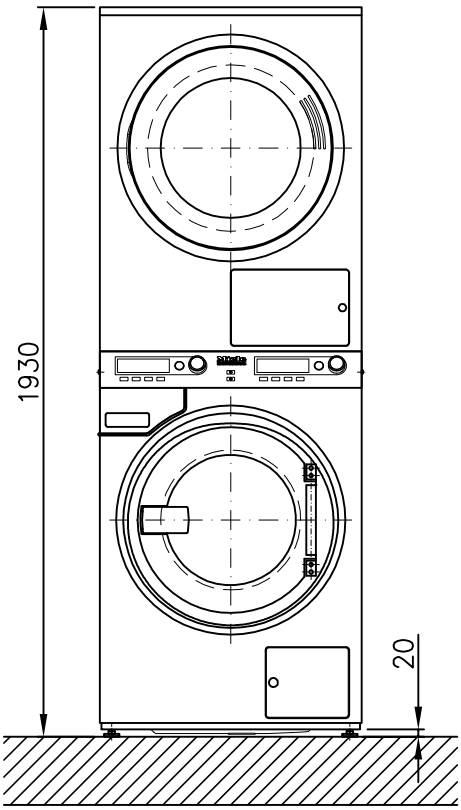

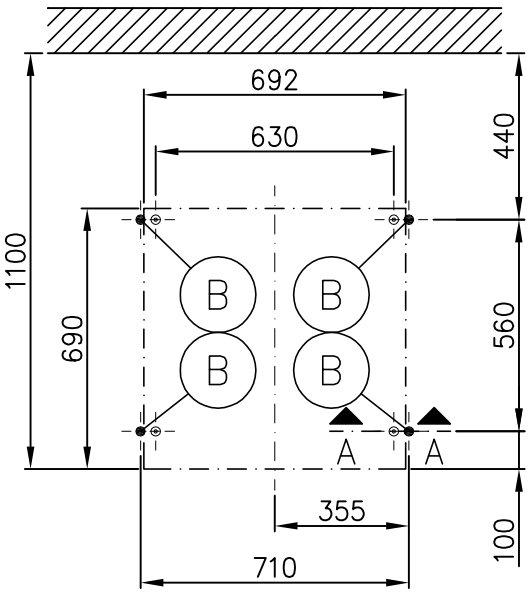

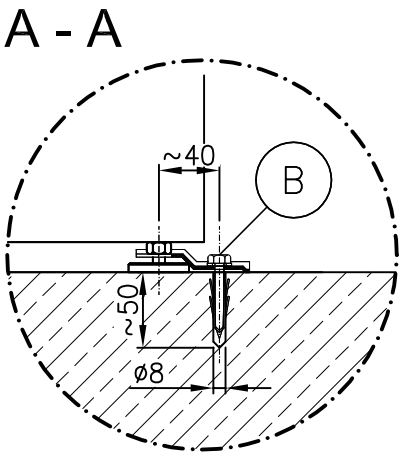

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Technical datasheet

Miele PROFESSIONAL

Washing machine: PWT 6089 AV/LP
Heating: Electric (EL)

Legend:

◯ Abbreviations in bold type: Connection required

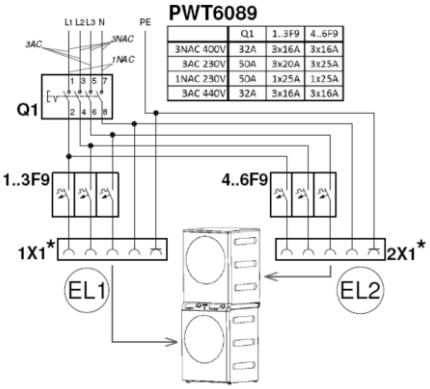
◌ Abbreviations in circle with dashes: Connection optional or required depending on model version

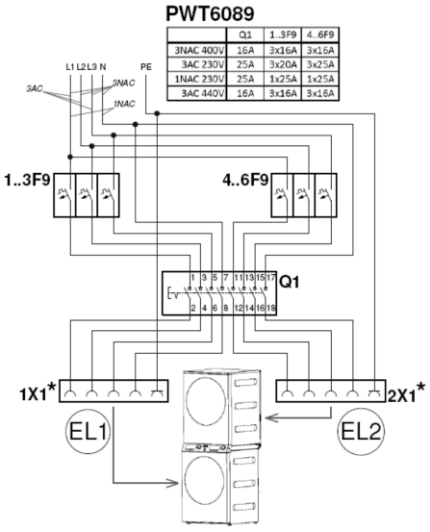
en - GB

Machine connections:

EL	Electrical connection	Standard voltage - Wash (ex works)	V	3N AC 400
	EL1	Frequency	Hz	50
		Rated load	kW	8.2
		Fuse rating	A	3 × 16
		Supply lead cross-section	mm²	5 × 1.5
		Length of supply lead	mm	2000
		Supply lead without plug (supplied)		
	EL2	Standard voltage - Dry (ex works)	V	3N AC 400
		Frequency	Hz	50
		Rated load	kW	8.5
		Fuse rating	A	3 × 16
		Supply lead cross-section	mm²	5 × 1.5
		Length of supply lead	mm	2000
		Supply lead without plug (supplied)		
		The washer-dryer stack is fitted with two flexible supply leads without plugs. Electrical connection must be in full compliance with national regulations and guidelines and with relevant local codes. Similarly, relevant regulations issued by power utilities, occupational safety authorities and insurance companies as well as good installation practices should be observed throughout. Connection to the electricity supply should only be performed by qualified and properly trained persons. Connection of the washer-dryer stack can be hard-wired or using a plug and socket connection in accordance with IEC 60309-1. Plug and socket connection is recommended to facilitate accessibility for electrical safety tests and maintenance.		
	Country variations:			
	GB EL1	Standard voltage - Wash (ex works)	V	1N AC 230
		Frequency	Hz	50
		Rated load	kW	5.5
		Fuse rating	A	1 × 25
		Supply lead cross-section	mm²	3 × 2.5
		Length of supply lead	mm	2000
		Supply lead without plug (supplied)		
	EL2	Standard voltage - Dry (ex works)	V	1N AC 230-240
		Frequency	Hz	50
		Rated load	kW	5.78 - 6.24
		Fuse rating	A	1 × 25
		Supply lead cross-section	mm²	3 × 2.5
		Length of supply lead	mm	2000
		Supply lead without plug (supplied)		

	N B EL1	Standard voltage - Wash (ex works) Frequency Rated load Fuse rating Supply lead cross-section Length of supply lead Supply lead without plug (supplied)	V Hz kW A mm² mm	3 AC 230 50 8.2 3 × 20 4 × 2.5 1800
	EL2	Standard voltage - Dry (ex works) Frequency Rated load Fuse rating Supply lead cross-section Length of supply lead Supply lead without plug (supplied)	V Hz kW A mm² mm	3 AC 230 50 8.5 3 × 25 4 × 2.5 1800
	Non-standard voltages:			
	OS 440 EL1	Standard voltage - Wash (ex works) Frequency Rated load Fuse rating Supply lead cross-section Length of supply lead Supply lead without plug (supplied)	V Hz kW A mm² mm	3 AC 440 60 7.9 3 × 16 4 × 1.5 2000
	EL2	Standard voltage - Dry (ex works) Frequency Rated load Fuse rating Supply lead cross-section Length of supply lead Supply lead without plug (supplied)	V Hz kW A mm² mm	3 AC 440 60 8.5 3 × 16 4 × 1.5 2000
NT	Mains isolator	Both washer-dryer stack connections must be switched by a joint, all-pole mains isolator in accordance with IEC 60947-1 **[Q1]**. The mains isolator **[Q1]** and plug connections **[EL1, EL2]** must be located in the immediate vicinity of the machine. Both must be immediately recognisable and fully accessible. If the mains isolator **[Q1]** is not in full view of a person performing maintenance work on the machine at all times, the mains isolator must be fitted with a lock. Installation proposals:		





KW	Cold water (Soft water)	Min. flow pressure Max. pressure Max. throughput On-site connection thread according to DIN 44 991 Length of connection hose (supplied) 1 connection hose) Water requirements (average for 60°C ≈programme) Standard connection (hot water fill) Additional requirements if hot water supply is not available. If connected to grey water supply (optional), subtract from cold water volume.	kPa kPa l/min Inch mm l/h	100 1000 11 ¾" external thread 1550 approx. 70
WW	Cold water (Soft water)	Max. temperature Min. flow pressure Max. pressure Max. throughput On-site connection thread according to DIN 44 991 Length of connection hose (supplied) 1 connection hose) Water requirements (average for 60°C programme) Machine can be connected to a hot water supply line with a temperature of 70°C to max. 85°C. This requires a separate inlet hose. This additional inlet hose is available from Miele Spares. The machine must also be reprogrammed by Miele Service or an authorised agent. If hot water is not available, connect hot water hose to cold water valve!	°C kPa kPa l/min Inch mm l/h	70 100 1000 11 ¾" external thread 1550 approx. 70
BW	Grey water (optional)	Min. flow pressure Max. pressure Max. throughput On-site connection thread according to DIN 44 991 Length of connection hose (supplied) 1 connection hose) Water requirements (average for 60°C programme)	kPa kPa l/min Inch mm l/h	100 1000 11 ¾" external thread 1550 not yet available
AV	Waste water Model versions with dump valve	Max. temperature Machine-side drain connection (ext. diameter) On-site drain (int. diameter) Max. transient throughput Vented drainage required. If ventilation is insufficient, fit Miele kit, Mat. no. 05238090. Drain manifolds serving several machines must be of sufficient cross-section.	°C mm mm l/min	70 75 [DN 70] 75 [DN 70 connection] 62
LP	Waste water Model versions with drain pump	Max. temperature Drain hose(int. diameter) On-site hose connector for drain hose (int. diameter x length) Max. transient throughput Drain pump head height (from floor level) Vented drainage required. If ventilation is insufficient, fit Miele kit, Mat. no. 05238090. Drain manifolds serving several machines must be of sufficient cross-section.	°C mm mm l/min mm	70 22 [DN 22] 22 × 30 26 1000

(AL)	Vented	Nominal air throughput in vented mode Max. permissible pressure loss Waste air/gas temperature, max. Connector on machine (int. diameter) Connection pipe provided on site (ext. diameter) Miele adapter, Mat. no. 6595070 (int. diameter 100 mm) for flexible aluminium ducting and adapter, Mat. no. 915051, (ext. diameter 110 mm) for connection to standard heat-resistant plastic pipes supplied. As relative humidity inside the vent ducting can be as high as 100%, suitable measures must be taken to prevent a backflow of condensate into the machine.	m³/h Pa °C mm mm	320 420 80 100 100
(ZL)	Air intake	Standard connection: => Air intake from installation site Min. air intake cross-section (to prevent draughts in room) A sufficient supply of fresh air should be ensured to replace the air extracted.	cm²	237
(B)	Fittings (supplied)	4 × clamps 4 × screws DIN 571 (Ø × length) 4 × rawl plugs (Ø × length) Machine must be bolted to the floor! Fixing materials for a floating screed floor are to be provided on site.	mm mm	6 × 50 8 × 40
	Machine data	Unit width Machine depth Unit height Casing width Casing depth Minimum width of delivery access to installation site Minimum rear wall gap (measured to front of machine) Net weight Dynamic floor load, max. Static floor load, max. Dynamic load, max. Drum frequency, max. Average heat dissipation (dependent on ambient room temperature and programme selected) Sound pressure (re 20 mPA), workplace-related (at distance of 1 m and height of 1.6 m)	mm mm mm mm mm mm mm kg N N N Hz W dB (A)	700 752 1930 692 690 720 1100 210 3600 not yet available not yet available 22 450 <70
Installation should only be carried out by authorised fitters in accordance with valid regulations! Observe installation instructions when installing machine! All rights reserved! Measurements in mm.				