E'4ms x-wide/ ST

TECHNICAL DATA

Brew chamber	2 x 24 g (2 x 0.05 lb)	
Grinder	2 x Grinders (Ø 64 mm (2.5 in) burrs)	
Display	2 x Touch screen 256 mm (10.1") - 1280 x 800 px	
Bean hopper	2 x 1.5 kg (2 x 3.3 lbs)	
Coffee outlet height*	Max. 200 mm (7.9 in)	
Hot water outlet height*	160 mm (6.3 in) or 215 mm (8.5 in) (option)	
Interfaces	2 x USB, 1 x Ethernet, 1 x CCI/CSI or CCI/CSI Double connection (option)	
Cup heater	Up to 128 espresso cups	
Coffee boiler	2 x 1.5 L (2 x 50.7 fl oz)	
Steam boiler	5.4 L (183 fl oz)	
Grounds drawer	1 x 700 g (1 x 1.54 lbs)	
Drip tray	Large	
	E'4S X-WIDE	**E'4MS X-WIDE**
Weight	127 kg (280 lbs)	131 kg (289 lbs)

* measured from the drip tray

849 mm (33.4 in)

OPERATING CONDITIONS

Operating Temperature	10 to 32 °C (50 to 90 °F)
Storage & transport temperature (empty boiler)	10 to 50 °C (50 to 122 °F)
Long term storage (> 6 months) (empty boiler)	5 to 50 °C (41 to 122 °F)
Relative Humidity (RH), no condensing (storage, transport and operating)	5 to 80 % RH
Transient over-voltage	Category II

743 mm (29.2 in)

717 mm (28.2 in)

WATER REQUIREMENTS

Total hardness	5 to 8° dGH (89 to 142 ppm)
Carbonate hardness	Max. 6° dKH (107 ppm)
pH value	Ideal 7.0 to 7.2
Chlorine value	Max. 0.1 mg/L (0.1 ppm)
Inlet hose	Inox braided pipe G3/8" female x 2 m (78.7 in)
Drain hose	Ø 22 mm x Ø 16 mm x 2 m (0.9 x 0.6 x 78.7 in)
Siphon inlet	min. Ø 56 mm (2.2 in)
Pressure	2.5 to 4 bar (36.3 to 58 psi). If the pressure exceeds 4 bar (58 psi), it is necessary to install a pressure reducer.
Flow rate	To avoid damage to the water pump, a water flow rate of at least 3.4 L/min (0.8 gal (UK)/min) | 200 L/h (44 gal (UK)/h) must be ensured at the water inlet of the machine.

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ELECTRICAL INFORMATION

Power consumption (standby mode)	Less than 2 W

ENIGMA ST

COUNTRY	ELECTRICAL VERSION	POWER SUPPLIES	E'4S X-WIDE	E'4MS X-WIDE
China	W3	1/N/PE, 220-240V~, 50/60Hz, 25A	5600 W	5600 W
	W4	3/N/PE, 380-415V~, 50/60Hz, 16A	7900 W	7900 W
Japan	J3	2/PE, 200V~, 50/60Hz, 30A	6000 W	6000 W
	J4	3/N/PE, 380V~, 60Hz, 16A	4300 W	4300 W
Korea	K3	1/N/PE, 220V~, 60Hz, 25A	5100 W	5100 W
	K4	3/N/PE, 380V~, 60Hz, 16A	7200 W	7200 W
Israel	W3	1/N/PE, 220-240V~, 50/60Hz, 25A	5600 W	5600 W
	W4	3/N/PE, 380-415V~, 50/60Hz, 16A	7900 W	7900 W
Rest of the world	W3	1/N/PE, 220-240V~, 50/60Hz, 25A	5600 W	5600 W
	W4	3/N/PE, 380-415V~, 50/60Hz, 16A	7900 W	7900 W
	W5	3/PE, Δ 220-230V~, 50/60Hz, 20A	5600 W	5600 W
United Kingdom (UK)	W3	1/N/PE, 220-240V~, 50/60Hz, 25A	5600 W	5600 W
	W4	3/N/PE, 380-415V~, 50/60Hz, 16A	7900 W	7900 W

PERFORMANCE (UP TO)	E'4S X-WIDE	E'4MS X-WIDE
Espresso / h (extraction time: 23 s)	350	350
Hot water / h (200 mL or 6.8 fl oz)	170	170
Cappuccino / h (extraction time: 23 s)	-	350
Adjustable hot water temperature (Manual)	Yes	Yes
Adjustable hot water temperature (Automatic)	Option	Option
Everfoam (e'Foam)	Yes	Yes
Milk system with EMT (Electronic Milk Texturing)	-	Yes

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IMPORTANCE OF THE SAFETY INSTRUCTIONS

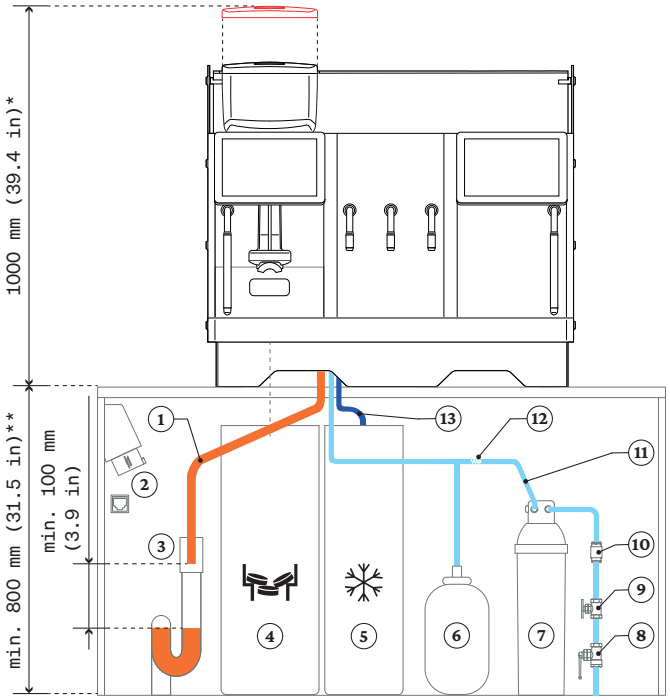
In order to prevent accidents to persons, damage to equipment or pollution of the environment, you must comply with all the safety instructions in the manual and on the machine.
Observe the bylaws and the recognized technical rules which apply in the country of use of the machines.
It is imperative to read the Eversys General Safety Instructions (supplied with the machine) before carrying out any action on the machine. In case of unclear information, please contact your local service organization.

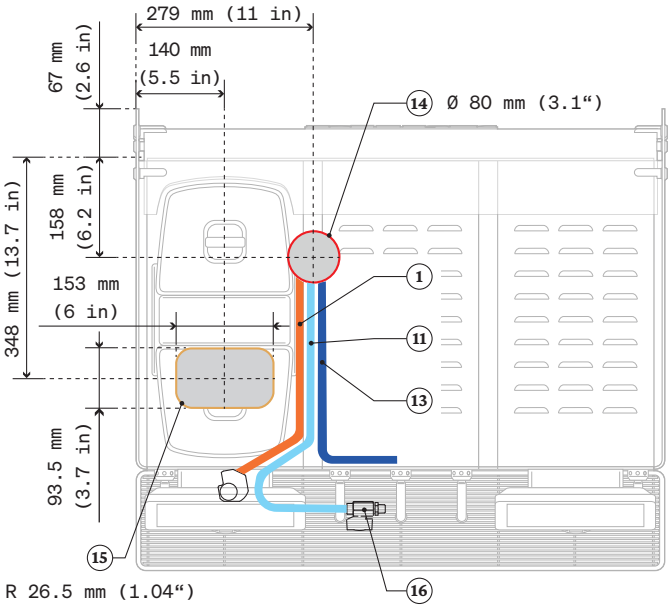
PREPARATORY WORK

- ☐ Have a flat and clean surface.
- ☐ Get a clean environment.
- ☐ Keep a space of min. 250 mm (9.8 in) above the machine.
- ☐ A stable support capable of supporting the weight of the machine plus an additional weight of 24 kg (53 lbs) including coffee beans, water, etc.
- ☐ Have a table height of at least 800 mm (31.5 in).
- ☐ Have a separate power lines for each machine.
- ☐ Have an electrical network protected by an RCD or RCCB.
- ☐ Water mains shutoff valve with a non-return valve (type EA or according to local regulation).
- ☐ Descaling cartridge or carbon filter as minimum.
- ☐ Install the machine with adequate backflow protection, in accordance with applicable federal, state or local plumbing codes.

INSTALLATION

Install the machine in accordance with the manufacturer's training and the information on the installation sheet supplied with the machine. Below you'll find a quick overview of how to connect the machine (drain, water and milk supply).





1. Drain hose – **Make sure that the drain hose outlet is placed on the siphon but not in contact with waste water. The hose must always flow downwards.**
2. Electrical socket according to local regulation and RJ-45 connection (e'Connect).
3. Drain with siphon, input min. Ø 56 mm (2.2 in). Execution according to EN 61770.
4. Undercounter grounds coffee disposal (option).
5. Fridge installed as close as possible to the machine (maximum 2 meters (78.7 in) hose length).
6. Pre-charged 2 bar expansion tank (option). In the event of a temporary drop in water pressure below 2 bar (29 psi).
7. Descaling cartridge or carbon filter as minimum.
8. Main water tap (required).
9. Pressure reducer (option). If water pressure exceeds 4 bar (58 psi).
10. Check valve according to local regulation.
11. Water supply hose G3/8" female.
12. Check valve (option). If using an expansion tank (6).
13. Milk tubes cut as short as possible.
14. Countertop cutout for cables and hoses.
15. Countertop cutout for the undercounter ground coffee disposal (option).
16. Machine water inlet 3/8".

*** Minimum height required to refill / remove bean hopper.**
**** Depending on machine setup, height could vary.**

AFTER INSTALLATION

Explain to staff how to use and clean the machine, using the quick-start guide and cleaning sheet supplied with the machine.

To start the Eversys warranty period, please follow the instructions at the end of the installation wizard, or connect the machine to telemetry for a fully automated warranty start.

Your local distributor:

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