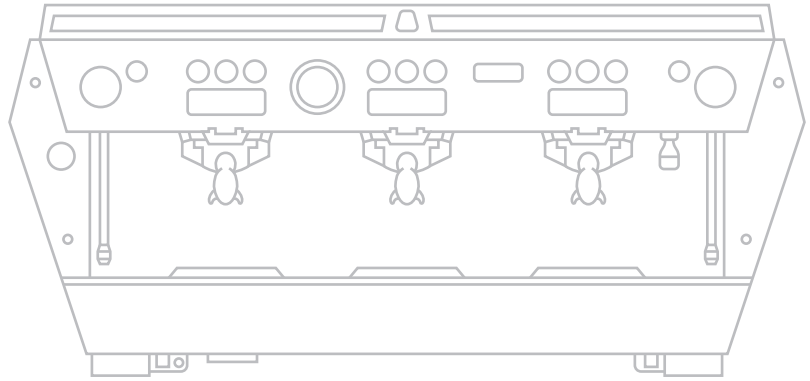


U.S. installation guideline

kb90



Dimensions

	2 group	3 group	4 group
Height	17.5"	17.5"	17.5"
Width	32"	41.5"	50.8"
Depth	24.5"	24.5"	24.5"

Weight

Machine Weight	156 lbs	194 lbs	269 lbs
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Power

Voltage/Phase/Cycle	208-240 VAC 1 Φ 60Hz	208-240 VAC 1 Φ 60Hz	208-240 VAC 1 Φ 60Hz
Wattage	5700	7800	9200
Amp Service Required	30	50	50
NEMA Plug and Outlet*	6-30P; 6-30R	6-50P; 6-50R	6-50P; 6-50R

Volumes

brew boiler capacity (liters)	1.3 x 2	1.3 x 3	1.3 x 4
steam boiler capacity (liters)	7	11	15

Certifications	UL-197, NSF-8, CAN/CSA-C22.2 No. 109
Configurations Available	Auto-Volumetric (AV), Auto Brew Ratio (ABR)

Water

Water Flow Rate	2GPM
Dynamic Water Pressure †	45PSI

Min. Pipe Size Diameter*	3/8"
Water Connection*	3/8" male comp.
Water Quality	Contact us for a free water test kit. See water specifications.

Drainage

Max. Dist.*	5'
Drain Slope*‡	Min. 1/4" per foot

External Pump

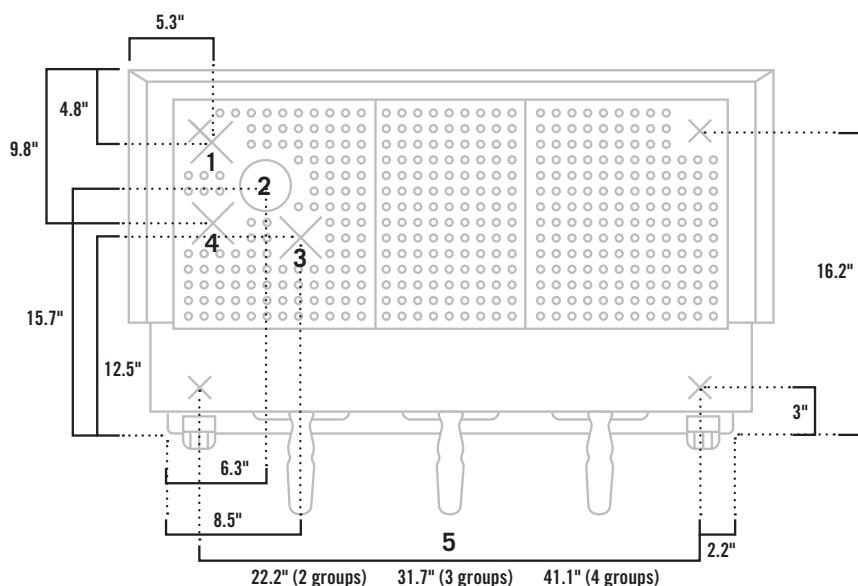
Dimensions	12" x 12" x 12"
Max. Dist. from Water Supply*	4'
Max. Dist. from Machine	8'
Counter Hole Diameter	3—4"

* suggested | † regulate as needed | ‡ This machine must be installed in accordance with the applicable federal, state and local plumbing codes



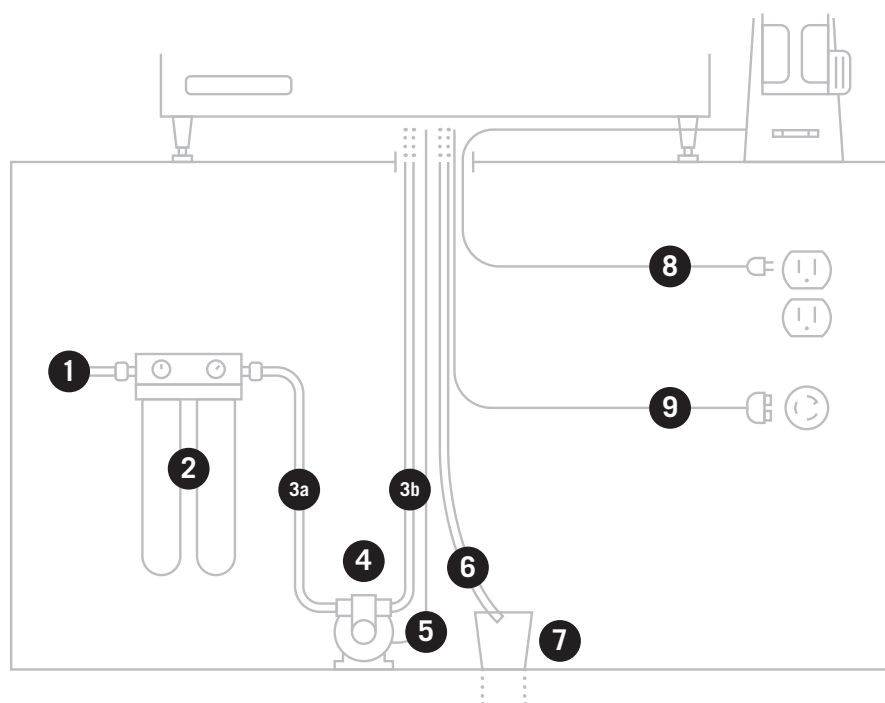
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top view

1. position of the power cord
 2. suggested diameter of counter hole: 4-4.7"
 3. position of the drain tube
 4. position of the water inlet hose
 5. width of legs per model
- × machine leg location



front view

1. 3/8" cold water supply
2. water filter required (not provided), see water specifications below.
- 3a. 3/8" compression cold water supply line suggested max. dist. from water supply 4'
- 3b. 3/8" BSPP cold water supply line suggested max. dist. from water supply 8'
4. pump and motor
5. electrical supply to motor from machine
6. 3/4" flexible drainline (min. 0.25"/1' slope)
7. floor drain
8. 110V, 15amp elec. supply to grinder
9. 208-240V single phase elec. supply to espresso machine (plug not provided)

water specifications

La Marzocco recommends that your filtration system produces water with the following properties:

T.D.S.	90—150ppm
Total Hardness	70—100 ppm
Total Iron	0—0.02ppm
Free Chlorine	0—0.05ppm
Total Chlorine	0—0.1ppm

pH	6.5—8
Alkalinity	40—80ppm
Chloride	0—30ppm
Line Pressure	45—80 PSI
Flow Rate	2 GPM or 8 LPM