

CCS Installation Requirements Document

For all questions regarding these requirements,

Please contact our Technical Service Manager on 0481 533 842 adrian@afeservices.com.au

Alternatively tech@cafeservices.com.au

THE SITE MUST BE READY FOR INSTALLATION AND CONFIRM BEFORE WE PROCEED - SEE ATTACHED INSTALLATION REQUIREMENTS DOCUMENT. (ADDITIONAL CHARGES WILL BE APPLY FAILING TO DO SO)

STANDARD INSTALLATION CHARGE (HX TYPE MACHINE) - \$300.00

This includes:

- The run up/dial in and testing of machines onsite at our warehouse. (1hr's workshop labour \$110.00)
- Callout (\$90.00) and onsite labour (\$165.00 approx. 1.5hrs onsite) within 40km's of CCS
- We will holesaw wood benchtops only. Stainless is charged extra depending on thickness. We do not holesaw stone/masonry.

This does **NOT** include:

- Water Filtration or associated fittings/lines/hoses. (CCS RECOMMENDED FILTRATION MUST BE INSTALLED OTHERWISE WARRANTY IS VOIDED)
- jug rinsers or any other additional equipment.
- additional parts/line hose etc required due to onsite setup.
- additional staff required for lifting due to size of machine and site access/layout
- travel outside 40km's
- additional labour time due to onsite delays
- Site inspection fee \$50 if required

General Setup Area For Installation

The Coffee Machine requires a standard bench height / table approx. (850mm- 1050mm high) with a (minimum) 1/2 to 1 inch thick counter/bench top. The counter/table must be secure and able to hold the weight of the equipment and space must also be allowed to accommodate it.

Specifications/dimensions are available from our website or sales representative.

Stone, marble or Stainless benchtops need to be precut with a **60mm** diam hole central to the desired position of the coffee machine.

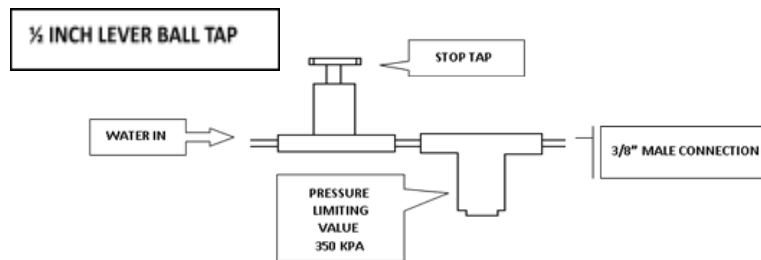
In the case of a coffee cart, the cart will require lockable wheels for safety during use and some additional waste / water drums may be required and charge accordingly.. Further information for each cart setup is available from CCS and advisable prior to purchasing equipment.

IMPORTANT* ALL UTILITIES (PLUMBING AND POWER) MUST BE LOCATED PREFERABLY UNDER OR WITHIN 1 METER OF THE MACHINE

PLUMBING REQUIREMENTS

A dedicated cold-water supply (typically via a ½" pipe) with a ¼ turn ball type stop cock (TAP) within 1 meter of the proposed location of your new espresso machine.

A 550 kpa Pressure Limiting Valve with a ⅜ inch or ½ inch male connection outlet installed immediately after the stop cock. (SEE IMAGE BELOW)



Waste drainage is to be located directly beneath the counter towards the rear of the cabinet. A 40-50mm diameter drain-pipe with a S-Trap or P-Trap fitted and a minimum of 300mm fall before the trap water level. (See photo below of required waste drainage).



ELECTRICAL SUPPLY REQUIREMENTS

A power supply within 600MM of the machine installed by a licensed electrician that meets the power requirements of the machine purchased. These specifications are provided by our sales representative when purchasing. The supply must have the correct socket and circuit breaker on that

circuit. Please refer to the machine specifications table (provided) for power outlet requirements.
Typical electrical guidelines for machine listed below: ALWAYS CONFIRM WITH SPECIFICATIONS

Your Coffee Machine should always have its own dedicated circuit (excludes some 10 amp machines) and should not have any other appliances on the same circuit. The circuit should always be fitted with the appropriate circuit overload / breaker switch and ELCB device
All other equipment such as grinders, cash registers and any other electrical requirements around the machine need their own supply.

All standard machines are single phase, 3 wire. (twin / earth)

COFFEE MACHINE POWER REQUIREMENTS

20amp, 25amp, 32 amp plug point – 2 grp, 3 grp and 4 grp commercial machines

15amp plug point – 2 Group Commercial Coffee Machines (model dependent)

10amp Plug point – 1 Group Coffee Machines, Semi Commercial and Vending Machines

*Ensure plug is not more than **600mm** distance from machine.

Calculate your required Amperage with the chart below:

Machine Rating (watts) Amperage required

Below 1000 and up to 2300 W 10 AMP

2301W – 3,450W 15 AMP

3,451W – 4,600 W 20 AMP

4,601W– 5,750W 25 AMP

5,751W – 7360W 32 AMP *

7,361 W and over (min) 35 AMP *

*(these high amperage machines (32 AMP and over) are generally hardwired into a breaker / isolator switch located close to the machine and final connection may require an electrician)
alternatively a ***orange plug required above 32AMP**

Don't forget to ensure you have power points for your grinder/s and other equipment in the area.



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