

IMPORTANT CUSTOMER INFORMATION

As you are probably aware the Calcium Treatment Unit (CTU) attached to your coffee machine is an exchangeable water filter, that not only stops your coffee machine from scaling up but also improves the water by removing chlorine compounds and other taste taints.

The Calcium Treatment Unit has a finite capacity; the capacity of the CTU is dependant on the hardness of the water within the area of the country that you are located, therefore the exchange period can vary immensely, but on average a 6 monthly exchange should be expected.

It is of the up-most importance that you are made aware of the consequences of not having the CTU exchanged on a regular basis. The failure to replace this filter will ultimately result in a major overhaul of your machine,

CALCIUM TREATMENT UNIT (CTU)



MAXIMUM WATER TEMPERATURE.....	35 Degrees C
MINIMUM WATER TEMPERATURE.....	2 Degrees C
MAXIMUM AMBIENT TEMPERATURE.....	40 Degrees C
MINIMUM AMBIENT TEMPERATURE.....	2 Degrees C
MAXIMUM WATER PRESSURE.....	6 Bar
MINIMUM WATER PRESSURE.....	Do not put under negative pressure

Approximate minimum capacities @ (10 Degrees Clarke) Temporary Hardness.

Combination ovens

Coffee Machines

CTU5.....	3,184 Litres.....	3,981 Litres
CTU10.....	8,188 Litres.....	10,236 Litres
CTU18.....	16,379 Litres.....	20,474 Litres

*** NOTE** – These capacities are very approximate and will very much depend on water temperature hardness and quantities of other dissolved pollutants.

INSTALLATION

Install the CTU to the equipment that is to be protected, only using food grade flexible hoses with a suitable water pressure and recommended temperature rating. The CTU should be fitted on the mains water supply, giving attention to any local water authority By-laws.

Prior to connecting the CTU to the equipment, connect all the hoses to the CTU. Connect the other end of the INLET hose to the designated mains water supply valve. Using the OUTLET hose, flush out at least 5 times bed volume of clean water into a drain or bucket i.e.: CTU5 = 25litres of clean water. **N.B.** When fitting a 3PORT CTU the quench hose can be connected to the combination oven before the flushing of the CTU commences.

3 port CTU units, supplied for combination ovens, the RED hose should be connected to the steam generator solenoid and the BLUE hose to the drain quench solenoid.

N.B. A conversion to the combination oven may be necessary to install this type of CTU.

Please note that if a water flow meter is to be fitted, it should be positioned either on the OUTLET or in the case of the 3PORT on the STEAM side.

*** NOTE** - All water treatment equipment incorporating ion exchange resin, have a tendency to lose small amounts of resin during service life. For this reason we strongly recommend that the fitting of a fine mesh in-line strainer between the CTU and the equipment, particularly if the equipment incorporates an electro magnetic solenoid valve.

The CTU should be exchanged when exhausted or every 12 months – whichever is sooner.