

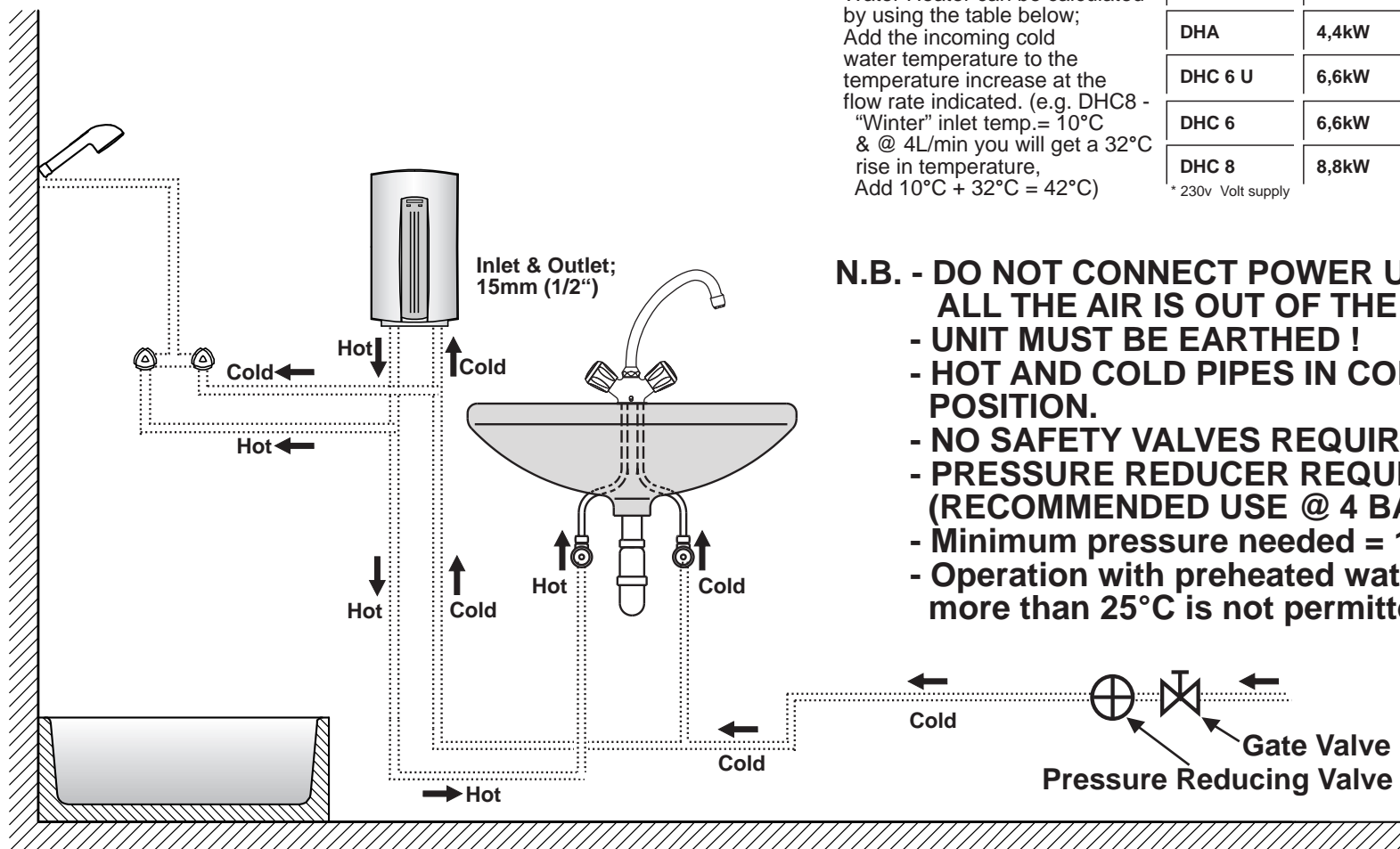
DHC - Single Phase Instantaneous Water Heater Installation Diagram.

Electrical Connection - (1/N/PE ~ 220...240 V) 40amp breaker @ main board.

The DHC comes in two different kW ratings ;

6kW - 220..230..240 V = 28..29..30amp, 6.0..6.6..7.2kW, Cable Size: 6mm²

8kW - 220..230..240 V = 37..39..40amp, 8.0..8.8..9.6kW, Cable Size: 10mm²



Output Temperature's

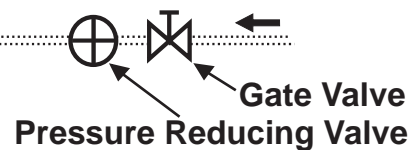
The temperature output of the Water Heater can be calculated by using the table below; Add the incoming cold water temperature to the temperature increase at the flow rate indicated. (e.g. DHC8 - "Winter" inlet temp.= 10°C & @ 4L/min you will get a 32°C rise in temperature, Add 10°C + 32°C = 42°C)

Type	Power *	Temperature Increase from cold water inlet									
		Litres per minute (l/min)									
		1,6	2,0	2,6	3,0	3,6	4,0	5,0	6,0	8,0	10,0
DHA	4,4kW	39°C	32°C	24°C	21°C	18°C	16°C	14°C	11°C	8°C	6°C
DHC 6 U	6,6kW	-	-	36°C	32°C	28°C	24°C	20°C	16°C	12°C	10°C
DHC 6	6,6kW	-	-	36°C	32°C	28°C	24°C	20°C	16°C	12°C	10°C
DHC 8	8,8kW	-	-	-	42°C	38°C	32°C	27°C	21°C	16°C	13°C

* 230v Volt supply

N.B. - DO NOT CONNECT POWER UNTILL ALL THE AIR IS OUT OF THE SYSTEM !!

- UNIT MUST BE EARTHED !
- HOT AND COLD PIPES IN CORRECT POSITION.
- NO SAFETY VALVES REQUIRED.
- PRESSURE REDUCER REQUIRED (RECOMMENDED USE @ 4 BAR).
- Minimum pressure needed = 1.5 Bar.
- Operation with preheated water of more than 25°C is not permitted.



Air in the water pipes can overheat the unit, this will activate the safety overheating cut out switch, cutting off all power to the unit, it has to be reset manually, refer to manual for more info.

Complied by; Grant Mocke, 0833389106.