5 Grosvenor Grange

**H-SOFTENER**

Warrington

WA1 4SF

**0800 999 6770**

# [www.hydra-clear.com](http://www.hydra-clear.com/)

***The*** *softener solution for removal of hardness in water*

Softening systems are a tried and tested solution to remove all hardness forming minerals in water. Utilising ion exchange resin to perform the ionic exchange for sodium. The treated water is then prepared for any heat or pressure activities or production requirements.

H-SOFTENER series with integrated control valve, salt bin and water meter. Available in single, double, triple and beyond. Running in various operating states with modern control to allow for easy programming to change quickly and easily.





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| **Model Number** |  | **100** | **125** | **150** | **200** | **250** | **300** | **350** | **400** |
| **Service Flow rate** | **m3/hr** | 3.9 | 4.4 | 5.3 | 7.0 | 8.8 | 11 | 12 | 14 |
| **Softener Capacity @ 300ppm** | **m 3** | 16.6 | 20 | 25 | 33 | 42 | 50 | 58 | 66 |
| **Salt Consumption per Regen** | **Kg** | 13 | 15 | 18 | 26 | 31 | 36 | 46 | 51 |
| **Electrical Requirements** |  | 240 V AC 50/60 Hz Supply with integrated transformer to 24 V AC |
| **Power Rating** | **W** | 65 |
| **In/Out Connection Size** |  | 2” BSPT Female |
| **Max Pressure** | **Bar** | 7 |

**H-SOFTENER**



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| **For private water, industrial and beverage.** |
| Model | Hyda316SS  |
| Connection Size | DN150 |
| Connection Type | PN16 Flanges |
| Suitable Media | Liquid |
| Temperature Range | -50°C to 200°C |
| Material of Wet Contact Parts | 316 |
| Power Supply | 240 V AC/1/50 OR 60 Hz |
| Output Analogue | 0-10/ 4-20mA 2 wire |
| Output Digital | Pulsed Frequency |
| Min Flow | N/A |
| Max Flow | 40 m³/ Hour |
| Accuracy | +/- 1%R |
| Housing IP | IP54 |
| Working Pressure | 9 bar |
| Max Pressure | 16 bar |

