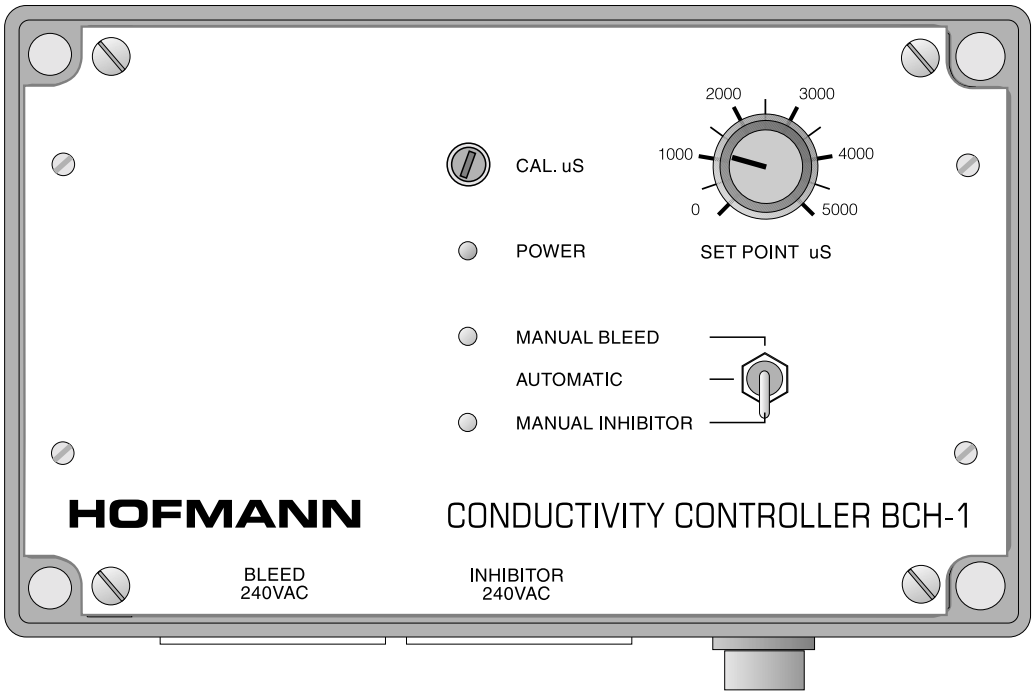
VERSATILITY IN CONTROL



- Applications in cooling towers, de-mineralisation equipment, reverse osmosis, water softeners etc.
- Conductivity Range 100-5000 uS
- Single set point.
- Calibration easily performed through front panel access.
- Fully isolated 4-20 mA current output.
- Relays rated at 240 VAC/5A.
- Thermo plastic enclosure with transparent cover. Rated to IP 53 specifications.
- Optional instruments available to further enhance the performance of the BCH-1.

HOFMANN

TOWER CONTROLLER

BCH-1

BLIND CONTROLLER BCH-1

SPECIFICATIONS

RANGE: 0-500 0uS single range
Temperature
Compensation: 0-10^{o}C fully automatic
Relay output: 2x240VAC 5 A. current rating
Fuse: 5A internal fuse for instrument and outputs.
Deadband: 2% of full scale
Accur acy of
set point: 1% of full scale.
Repeatability: Better than 1%.
Calibration: uS calibration accessible through front panel.
Output: 0-5000uS 4-20mA full scale, current output
Housing: Thermoplastic with transparent lid.
Dimensions: 182x137x108mm.

3 LED indicators display mode of operation.

Power on
Relay (BLEED)
Relay (INHIBITOR)
Manual override mode for both relay outputs.

Cell: Material PVC
Size 3/4" BSP thread
Cable 3 metres length
Temp. sensor encapsulated
Range 0-60^{o}C.

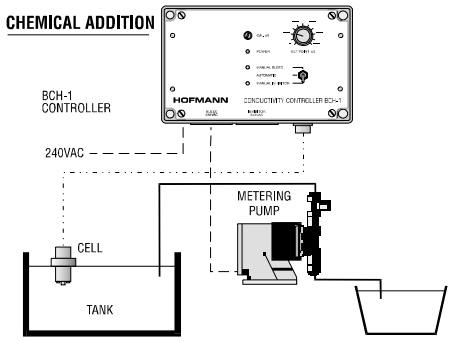
FEATURES

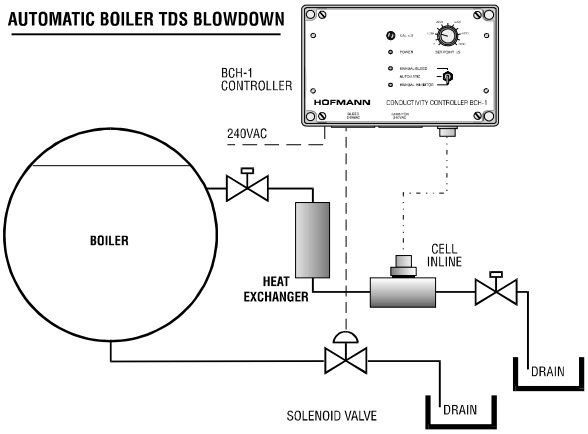
The model ***BCH-1*** blind controller is particularly suited where an economical yet efficient installation is required. All instrument connec-tions are accomplished with plugs and connectors; elimi-nating all on-site electrical wiring. Mounting the ***BCH-1*** involves no more than inserting 4 screws through the 4 large holes located on each corner of the instrument and fixing them the a mounted back panel.

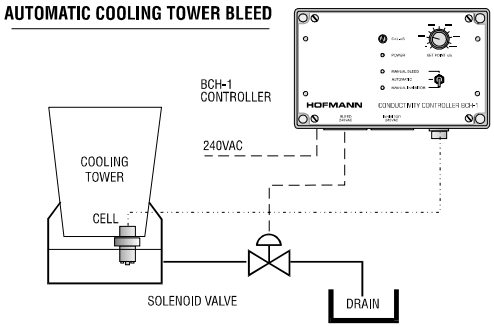
The 4-20mA constant current output, fully isolated, enables the user to interface the ***BCH-1*** directly into a microprocessor. The isolation provided in the ***BCH-1*** ensures reliable performance without creating loop ptoblems.

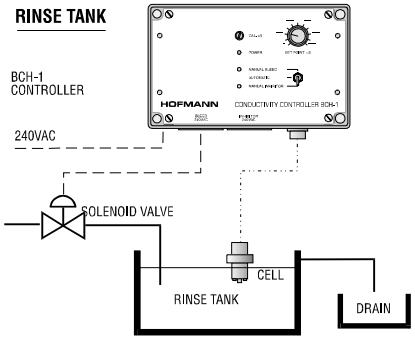
The cell is mounted inline o r immersed into the liquid. When the desired set point is reached the ***BCH-1*** activates both output sockets switching on either a pump and/or solenoid valves etc. As soon as the conductivity falls below the set point the output sockets are switched off.

APPLICATIONS









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