

PRODUCT DATA

HYDROCYCLONE SEPARATOR

Product Uses

The Howlett Associates Water Treatment Ltd series of cyclone separation systems are designed for use as a means of removing suspended solids and sludge from water systems.

Using the built in circulation pump, a sidestream flow is drawn from the system pipework and cleared by the separator before being returned to the system. Suspended solids are collected in the separator and periodically purged to drain manually or automatically using a timer controlled auto purge valve.

Continuous removal of suspended solids will protect control valves and sensitive equipment from damage and blockages whilst maintaining system efficiency and performance.

Product Application

- 1) Heating and chilled water systems incorporating fan coil units with multiport modulating control valves.
- 2) Versatemp and other systems incorporating heat pump units.
- 3) Systems incorporating plate heat exchanges for heat recovery or heat transfer.
- 4) Old systems, which are being renovated or upgraded and fitted with replacement boilers etc.
- 5) Systems containing Glycol.
- 6) Cooling Towers, evaporative condensers and their respective systems.

Product Benefits

- Continuous cleaning with no back washing or flushing required.
- Minimum water lost during purging - closed recovery system provides zero water loss.
- Suitable for a wide range of temperatures and pressures, including high temperature hot water and chilled water systems. Easily installed to existing systems. Independent of system operation and flow.

