

CSS20 Clean Steam Separator

The CSS20 separator is designed to remove residual condensate and entrained moisture from high purity steam systems.

Design conditions: 8.0 barg @ 175°C

Installation

The CSS20 should be installed in a horizontal position, with the drain connection pointing vertically downward. An arrow marked on the body of each unit identifies the correct direction of flow. The unit should be adequately supported.

A drain line of equal size to the drain fitting, and of at least 200mm long should proceed the steam trap. A free draining thermostatic trap designed for clean steam service should be used (HST30). A suitable isolation valve should proceed the trap to facilitate servicing.

If required, an air vent (inverted HST30) can be fitted to the separator, assuming that a unit with optional vent connection has been specified. An isolation valve should again be used to facilitate servicing. A small collection pot may also be fitted prior to the air vent to help with air removal if required, and these are available from Staitech.

Maintenance

The CSS20 is a non maintainable product. If required, the unit may be periodically acid cleaned internally to remove any oxide build-up.

