

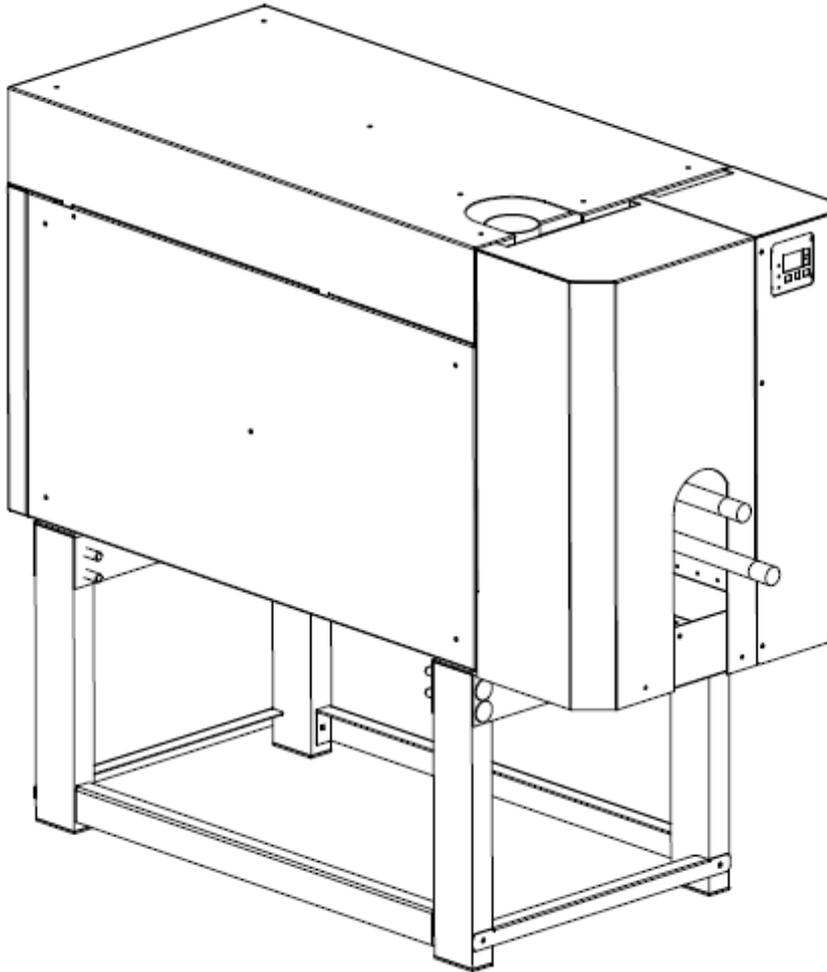


**neptronic®**

# Steam to Steam Humidifier

SKS Series

Maintenance Procedure Instructions



Intertek

# Maintenance

The SKS Steam to Steam Humidifier maintenance procedure includes regular cleaning of the humidifier and the Strainer on the steam line.

## SKS Maintenance

The humidifier maintenance involves the following stages:

Stage 1 – Disassemble the Humidifier

Stage 2 – Clean the Components

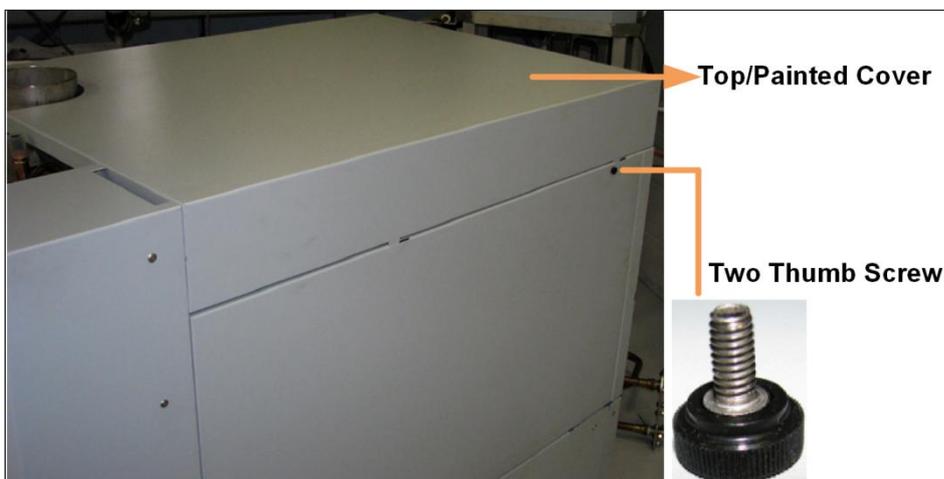
Stage 3 – Reassemble the Humidifier

### Disassemble the Humidifier

1. Press the Power  button to switch off the power to the humidifier.
2. Press the Drain  button to drain the humidifier till the water level reaches the scale pan fill level (as highlighted).



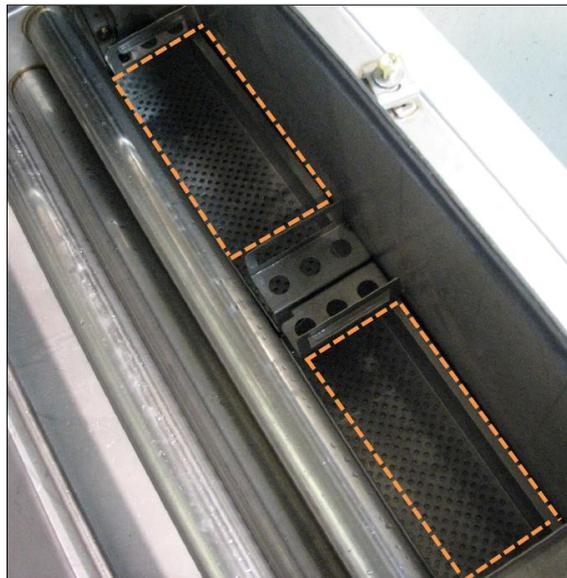
3. Open the cover using the two thumb screw on each side of the unit while the humidifier is being drained. There are two covers on the humidifier. A painted cover that is on the top and a stainless steel cover beneath it.



- Open the stainless steel cover using a wrench tool (supplied by Neptronic) to unscrew the latches.

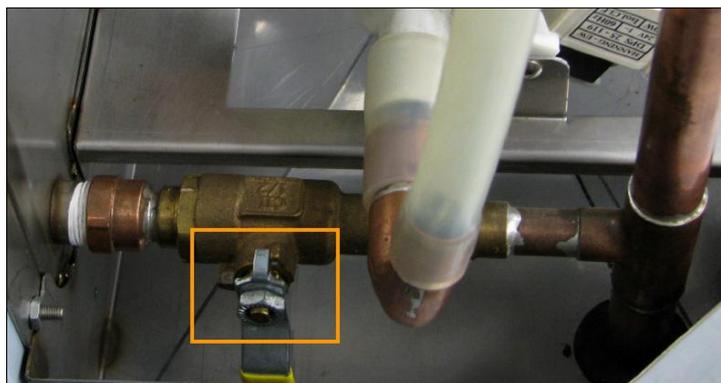


- Wait till the water level reaches the drain pump hole after opening the cover.
- Stop the drain cycle by pressing Drain  button as soon as the water level reaches the drain pump hole.
- Remove both scale pans from the unit.



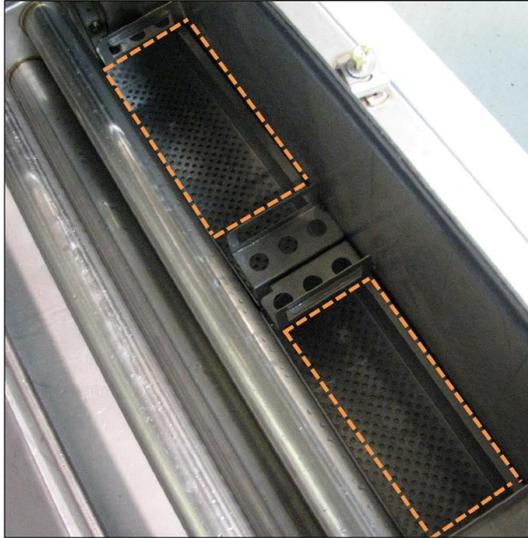
### Clean the Components

- Clean both scale pans, and the tank.
- Remove excess water using the manual drain valve to clean the scale pan area.
- Close the manual drain valve.



## Reassemble the Humidifier

1. Install both scale pans. Ensure that the drain hole remains free from any obstruction.



2. Press the  button to switch on the power to the humidifier and refill.
3. Close the stainless steel cover and ensure that it is tightened properly to prevent steam loss.
4. Close the top/painted cover.

We recommend to keep the humidifier running before closing the external cover to ensure that there is no leak from the tank cover.

The humidifier maintenance is complete.

## Strainer Maintenance

Perform the following steps for strainer maintenance:

1. Stop steam supply to the strainer line.
2. Unscrew the meshing cap.



Meshing Cap

3. Clean the meshing from any debris.
4. Reassemble the meshing in the strainer body using the cap.
5. Reopen steam supply to steam line.