

# SERIES WDS

## SEPARATORS

### INSTALLATION INSTRUCTIONS

INSTRUCTION PART NO. 2259800

REVISION 1

## How It Works

Moisture separators are used to improve the quality of steam either within the distribution system or on the supply inlet to equipment.

Removal of moisture is by a series of baffles on which the suspended water droplets impinge and fall out by gravity to the drain, which must be piped to a liquid drain trap.

## INSTALLATION

Install the separator in a horizontal pipeline so the flow corresponds to the flow arrow on the vessel.

Proper drainage of the separator is essential for proper operation. Connect the drain to a liquid drainer as shown in the diagram.

Build up pressure in system and check all field connections and flanges for leaks.

Depressurize system and repair leaks if necessary.

## MAINTENANCE INSTRUCTIONS

Once the WDS separator is installed, no other maintenance is required.

The separator is complete in itself, and will function whenever there is flow through the separator.

## MAXIMUM OPERATING CONDITIONS

### Cast Iron

NPT	250 psig @ 450°F
125# Flg.	150 psig @ 450°F

### Carbon Steel

NPT or Socket Weld	300 psig @ 650°F
150# Flg.	150 psig @ 450°F

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