

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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