



RES Energy Solution's Gas Scrubber (Drip Pot) removes traces of liquid droplets from gas streams to protect downstream equipment from damage and failure. It is typically used in meter runs, upstream of gas treating equipment that contains dry desiccants, or mechanical equipment such as compressors. It is also used downstream of equipment where liquids have condensed from the gas. The Drip Pot is designed to handle light liquid loads and does not take the place of a primary separator.

How It Works

The production stream first encounters the inlet diverter, which causes initial separation of gas from liquid. The heavier liquid descends while the gas rises. In the open area of the vessel, the stream slows even further and the larger liquid particles fall from the gas. Liquids exit the bottom of the vessel and the scrubbed natural gas exits the downstream outlet.

Standard Features

- Pre-engineered design
- High liquid level switch controlling a main line shut off valve
- Fail closed actuated ball valve and V-ball type control valve, as main line shut off valve

- Low Liquid level switch controlling a liquid dump valve
- 1" quick opening/fail closed dump valve for liquid removal
- Mini scrubber containing mist screen with high and low regulators for instrument gas
- Engineered lifting lugs for safe handling
- ASME code stamped and National Board registered

Optional Features – Including but not limited to

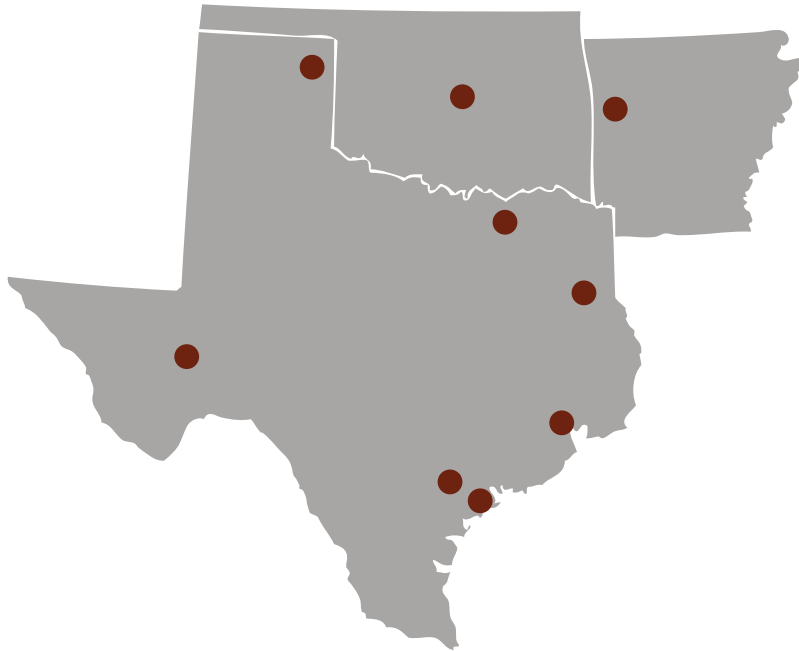
(Can be outfitted with or without mainline shut off or liquid dump valve)

- Pneumatic pressure pilot for high and low pressure protection
- Pressure safety valve if vessel is not protected by other line pressure relief valves
- Electric level switches
- Wide array of actuated valves for main line shut off valves.
 - Pneumatic single acting actuated ball valves
 - Electric actuated ball valves
 - Segmented ball valve (V-ball) style control valves for on/off service

RES ENERGY SOLUTION

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