PRODUCT DATASHEET

Compressor Suction Scrubber Skid

Protects compressors from liquid





DETAIL – SCRUBBER VESSEL WITH LEVEL GAUGE

OVERVIEW

The Tech Inc. Compressor Suction Scrubber Skid removes liquid slugs, droplets and solids from gas before it enters a compressor. Liquid in the suction damages valves, pistons and impellers, so a scrubber with a mist eliminator and automatic level control is fitted at every compressor inlet.

MODELS AND CONFIGURATIONS

- **Single scrubber** – one vessel at the compressor inlet.
- **Interstage scrubbers** – one vessel between each compressor stage.
- **Scrubber with filter** – adds a filter or coalescer stage for fine liquids.
- **Packaged with seal gas** – supplied with the compressor seal-gas skid.

TYPICAL DESIGN DATA

Design pressure	To client specification
Design code	ASME VIII, or client specification
Materials	Carbon steel, low-temperature carbon steel or stainless steel
Mist eliminator	Wire mesh or vane pack, sized to the gas flow
Instrumentation	Level transmitter, high-level switch and pressure gauge

APPLICATIONS

Gas compressor suction and interstages, fuel gas systems, vapour recovery and gas gathering.

KEY ADVANTAGES

- **Compressor protection** – liquids removed before they reach the machine
- **Automatic drains** – level control empties the vessel without operator action
- **Shutdown on high level** – high-level switch trips the compressor before liquid carries over
- **Sized to the duty** – vessel and mist eliminator sized to the actual gas flow

Designed and built by Tech Inc. · **Part of the Davey Group since 1990**

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