

Stark DSS

The Stark Industries Drain Separator/Silencer is the perfect solution for the problem of what to do with the explosive discharge of high pressure air, water, and oil from an automatic condensate drain system on a high pressure air compressor.

When a condensate drain system (ADV or ADS) is activated, a messy residue of oil and water is expelled from the compressor traps. The high pressure air which carries this residue creates a very loud and potentially dangerous blast as it exits the drain tube. Routing the discharge through a DSS makes the process clean, quiet & safe.

The DSS utilizes seven stages of separation to remove the oil and water from the air which passes quietly out of the top. The mixture of oil and water exits slowly out of the bottom where it can be collected in a bucket and periodically disposed of in the proper manner.

The DSS is available with a free standing base or wall mounting bracket to suit most types of installations. Stark Industries can adapt the DSS to any special mounting requirements. The dimensions are 40" tall by 8-1/2" in diameter. Weight is 70 lbs.

The air discharge filter & silencing material is removable for cleaning or replacement as it becomes dirty. Usually this is required at about the same interval as changing the compressor intake filter.

Warning – Since the DSS hides the discharge of the traps - - - it is important to watch the DSS drain to make sure some fluid is draining. Coupled with observing the inter-stage pressure gauges (to make sure the pressure drops) - - - an operator can be reasonably sure all traps are draining. Even so the only sure test is to disconnect the drain tubes periodically and observe the draining process.

Remember the final stage is under very high pressure - - - so the end of all hoses but especially **the final stage** hose or tube must be securely fastened and pointed in a safe direction.

DSS-1 - up to 35 CFM compressors, - 135 pounds

DSS-2 - up to 100 CFM compressors, - 220 pounds

Removable top
For cleaning or
Changing Filter
Silencer Media

Inlet Connections
For a Five Stage
Compressor with
Individual drains
For each stage

Correct height
(15") for bucket
or other collection
Container



Stark Model DSS-1-5 Drain Separator/Silencer

Inlet connections can be from one to five to suit any number of trap drains. The DSS-1 is rated for compressors up to 35 CFM. The suffix denotes the number of inlet connections (DSS-1-1 = One Inlet) Casters not included.