



## DESCO CORPORATION

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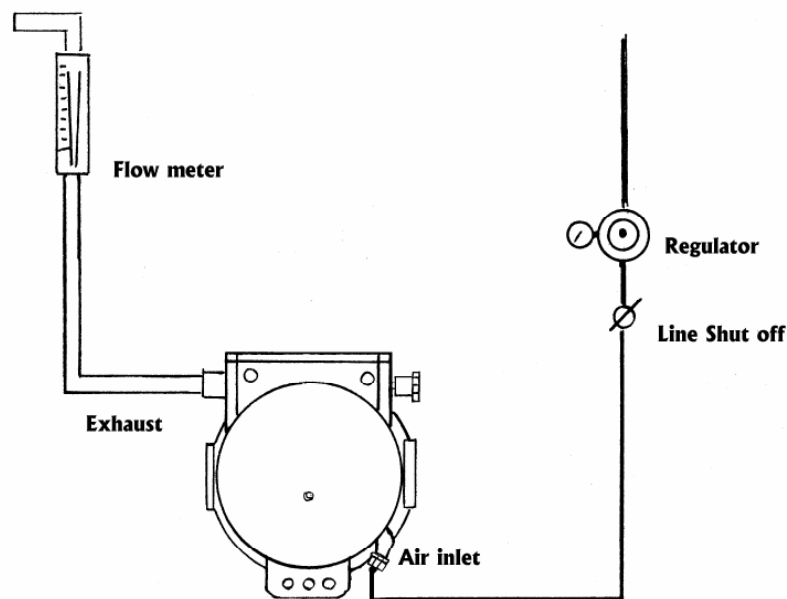
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### Flow testing the DESCO Air Hat

The DESCO Air Hat should be ventilated with a minimum of 6 cfm @ 100 psi over bottom pressure. DESCO tests each new Air Hat for flow through the delivery air train, excluding the exhaust valve. This insures proper flow through the Non-Return valve, air elbow, copper tube, air control valve, and air diffuser.

The Air Hat is connected to the test station with a supply delivery set at 100 psi during free flow. The neck ring is sealed with a special modified insert ring. The outlet is connected with a special adapter to the exhaust valve base. No parts are installed on the exhaust base other than the O-ring. The outlet feeds via 1" I.D. smooth wall hose to a flow meter.



The minimum acceptable flow rate for a new Air Hat is 12 cfm. The average cfm reading for new Air Hats has fallen between 15– 18 cfm. The most common fault for not reaching 12 cfm is over packing the air diffuser with Lambswool. Any failure to reach 12 cfm should be investigated.