



COMPLETE PRESSURE RANGE CAPACITIES FOR ARMSTRONG DRIP
AND TRACER STEAM TRAPS

Steam branch and feeder line drip traps as well as tracer line traps have low load requirements (from 100-2#/hr.). Under these conditions, it is permissible, and many times desirable, to apply an inverted bucket trap on applications requiring a variety of differential pressures.

Included are continuous hot condensate capacities down to 7 psi differential for all orifices of the 1010, 1011, and 1012 Series Steam Traps. When load requirements are low such as drip and tracer applications, the same trap with the same orifice can successfully be used on services from 7 psi to maximum pressure of the orifice. Please remember, however, that on process steam applications, the proper trap should be selected for the specific differential pressure range and capacities that the trap will see. Each process steam application should be considered separately.

Example: If a petrochemical complex has tracer line services or drip services of 30 psi differential, 125 psi differential, and 250 psi differential, a 1011, 1811, or trap pak with a #38 drill size orifice would be selected and put into the stores of the plant and successfully perform under the tracer or drip services of each differential pressure. The recommended safety factor of 2:1 or in fact 3:1 would be satisfied for all the feeder line drips and tracer services in the entire plant. One Armstrong Inverted Bucket Low Load Trap could be stocked for all low load services.



