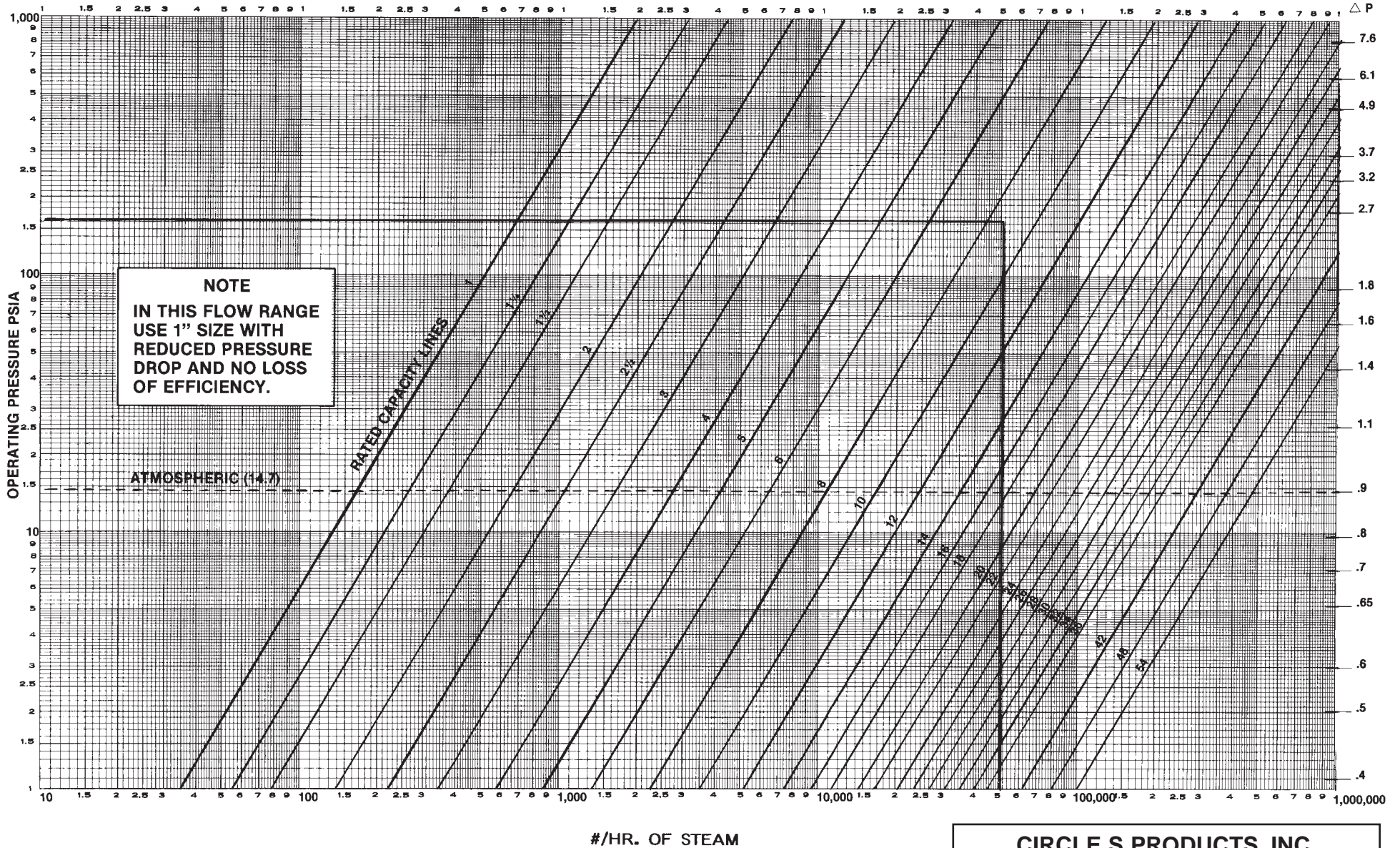


# CIRCLE S PRODUCTS SATURATED STEAM FLOW CHART



**NOTE**  
 IN THIS FLOW RANGE  
 USE 1" SIZE WITH  
 REDUCED PRESSURE  
 DROP AND NO LOSS  
 OF EFFICIENCY.

$$\text{Actual Pressure Drop} = \left[ \frac{\text{Actual Steam Flow}}{\text{Rated Steam Flow}} \right]^2 \times \text{Rated Pressure Drop (obtained from scale at right side)}$$

Example illustrated above: Unit required to handle 50,000 lbs./hr. steam @ 150 psig - Use 10" size or larger

$$10'' = \left[ \frac{50,000 \text{ lbs./hr.}}{66,000 \text{ lbs./hr.}} \right]^2 \times 2.52 = (.758)^2 \times 2.52 = .575 \times 2.52 = 1.45 \text{ psi Actual Pressure Drop } (\Delta P)$$

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