GAS FLOW CHART

GAS APPLIANCE CO.
766 S. San Pedro Street
Los Angeles, California
INDUSTRIAL & COMMERCIAL
GAS BURNERS & VALVES

GAS APPLIANCE CO.
20909 Brant Ave.
Long Beach, CA 90810
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SAMPLE SOLUTION:
Pressure = 8" W.C.
Reqd. Input = 30,000 Btu/hr.
Use No. 6902, orifice.

BASIC ON EQUATION *

\[ Q = 1326 A \sqrt{\frac{H}{G}} \]

WHERE:
- \( Q \) = Discharge in Cubic Feet per Hour (std)
- \( A \) = Area of Orifice in Square Inches
- \( H \) = Pressure in Inches of Water Column
- \( G \) = Specific Gravity of Gas (\( G = 0.65 \))

* Based on actual flow tests

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