ENGINE PERFORMANCE DATA – MODEL VRG220 (NATURAL GAS)

DATA APPLIES TO ENGINE SPEEDS OF 1400 – 2200 RPM

NOTES:
1. Data is based on 85°F, ambient temperature.
2. Data is average and will vary with operating conditions.
3. Exhaust Heat Recovery, BTU/HR = \(0.35 \times C_p \times (T_2 - T_1) \times \text{Exh. Flow, ACFM}
   \text{Exh. Temp.} + 50°F\)

   Where,
   \(C_p = 0.27\) approx. at rated load (varies with exhaust temperature and air/fuel ratio).
   \(T_2\) = exhaust temp. before cooling, °F.
   \(T_1\) = exhaust temp. after cooling, °F.
   0.95 of exhaust flow is used in calculations to allow for measurement errors.
4. Ventilating air, SCFM = Heat to Radiation, BTU/HR.
   Air Temp. DRI, °F.

ARROW ENGINE COMPANY
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