

DATA REQUIRED FOR FAN SELECTIONS

The following basic information is essential to ensure the correct selection of fans.

- (1) The Gas/Air Volume Required. ($M^3/sec.$)
 - (2) System Pressure Required. (Pa) or (KPa)
 - (3) Gas/Air Temperature at Fan. ($^{\circ}c$)
 - (4) Altitude at Site. (See Page 9) (Metres)
 - (5) Gas Density for Chemical Applications. (Kg/M^3)
 - (6) Fan Arrangement Preference. (See Page 1 & 2)
 - (7) Fan Designation. (If Known) (See Page 1 & 2)
 - (8) Application. Clean Air / Dirty Air / Corrosive Gases.
 - (9) Paint Finish Required. Standard / or Specification.
 - (10) Construction Required. Mild Steel / Stainless Steel /
Rubber Lined / Etc. Etc.
 - (11) If Sound Levels are Required State the Following Information:-
 - * (a) Distance from Fan to Listener Location. (In Metres)
 - (b) Sound Level Required. (db or dBA)
 - (c) Is fan ducted at inlet and outlet?
 - (d) Thickness of Ducting Fitted to Fan.
- (* Normal Distance 1,5 x Impellor Dia. or 2 metres from noise source).

N.B. The more information available for item (8) the better the selection will be.