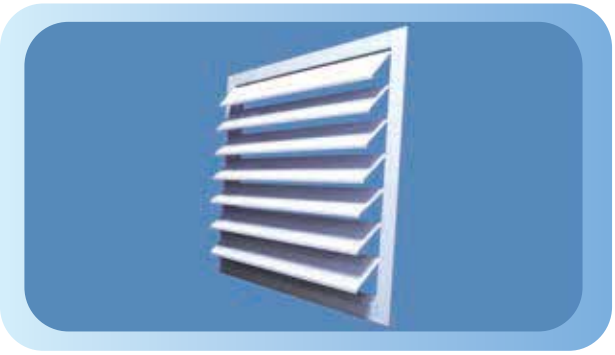

Fig. 13-6

Fig. 13-7

Material and construction:
Outer frames is extruded aluminium section (6063 alloy-T6 temper)
Cut to length and joined at corners
Blades are made of extruded aluminium section
(6063 alloy-T6 temper)
Front blades are horizontal type having pitch of 70mm
Horizontal blades are normally closed and are free to rotate about the horizontal axis
These louvers provide 80% effctive pressure area.
All above louvers are available in mill finish and all RAL colours.

Opening Area Ratio = 0.81 for fully open Blades

Air flow rate is calculated by below given formula

Air flowrate Q in

$$\text{CFM} = \frac{0.81 \times \text{width in inches} \times \text{Height inches} \times \text{Face Velocity in FPM}}{144}$$

$$\text{Litre/Sec} = \frac{0.81 \times \text{Width in MM} \times \text{Height in MM} \times \text{Face Velocity in M/S}}{1000}$$

Performance Chart

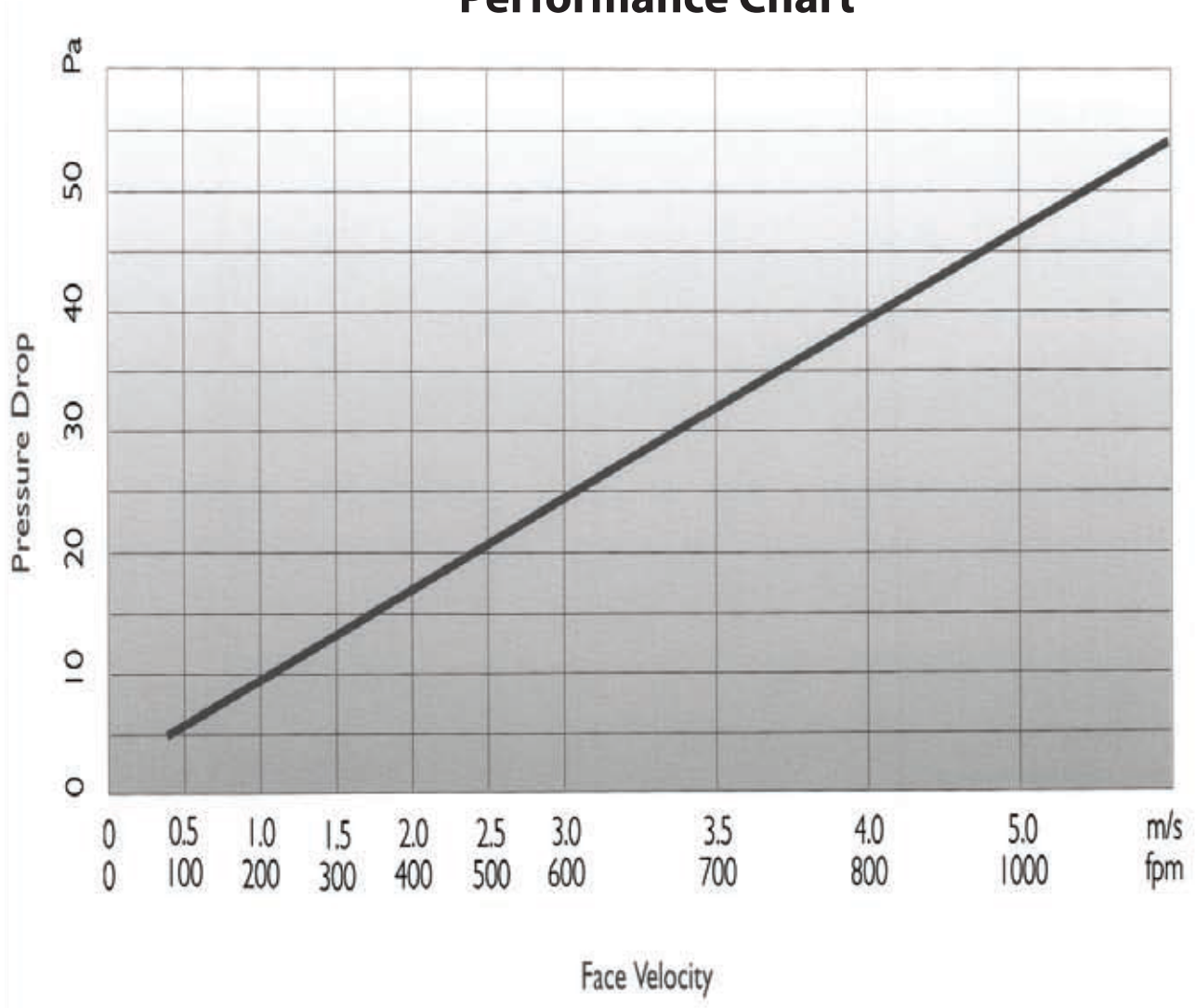

Fig 13-8