

Bifurcated Fans



Mittal Bifurcated Fans the high efficiency direct-driven fan with adjustable pitch impeller specially designed that can handle hostile environments. The fans designed with split airway and the motor protected from the handled air by having its own compartments.

With fan motor isolated from the main air stream, the Bifurcated fan can handle a wide variety of saturated and, dust-laden atmospheres, heated air, corrosive fumes and hot gases with no detrimental effect to the motor. Standard fans can handle elevated air temperatures of up to 150 Deg C in the duct system whilst the motors operate at a relatively lower ambient temperature within the motor compartment.

Size

Bifurcated Fans offer a range of diameter sizes: 310,450, 610, 750 & 910 mm (Higher size can be supply on special case).

Casing

Casings are constructed from mild steel. The fans designed with split airway and the motor protected from the handled air by having its own compartments.

Impeller

The aerofoil design impeller ensures maximum aerodynamic efficiency. Impeller blades are constructed of high strength die cast aluminium alloy. Adjusted pitch angle design allows full flexibility to match precisely with design requirements.