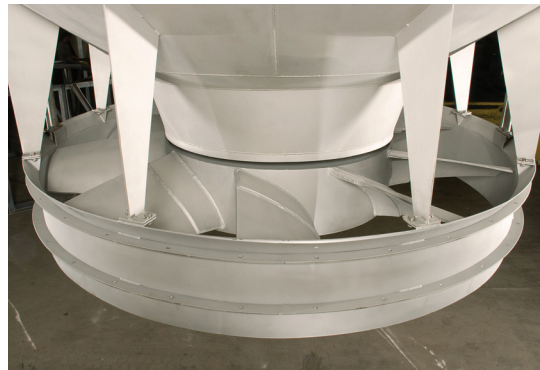


BPG, FPG, OPG & XPG - PLUG FANS

A versatile and compact fan design solution for circulating air and maintaining a constant temperature gradient. IAP Plug Fans are a durable, efficient and economic choice for a wide range of industrial applications which include OVENS, FURNACES, KILNS, DRYERS, SPACE HEATERS, SPRAY BOOTHS and AIR CURTAINS.

Below left and right: 84" diameter XPG fan with insulated plug for a curing furnace.



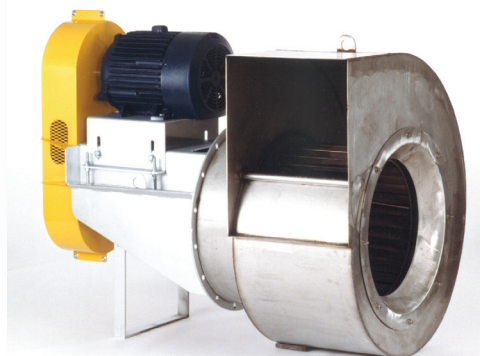
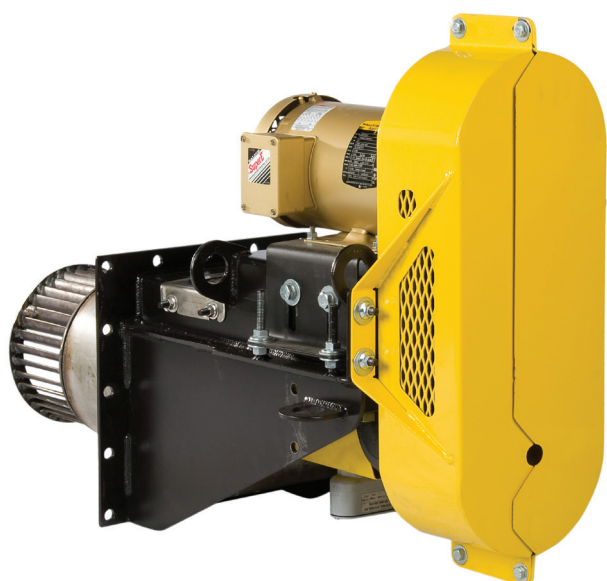
- Capacities to 300,000 ACFM with static pressures to 20 in. wg.
- A space saving solution for horizontal or vertical mounting.
- Elevated temperature construction from standard 300°F to 1800°F with upgrade packages for isolation and alloys of construction.

PLUG FANS BY WHEEL TYPE

Four wheel designs to choose from: BPG with backward inclined wheel (far left) for highest efficiency selections. FPG with forward curved wheel (center left) for moving large capacities at low speeds. OPG with open radial blade (center right) for severe high temperature applications offers the strongest structural design. XPG with axial prop (far right) for moving large capacities in severe high temperature applications.



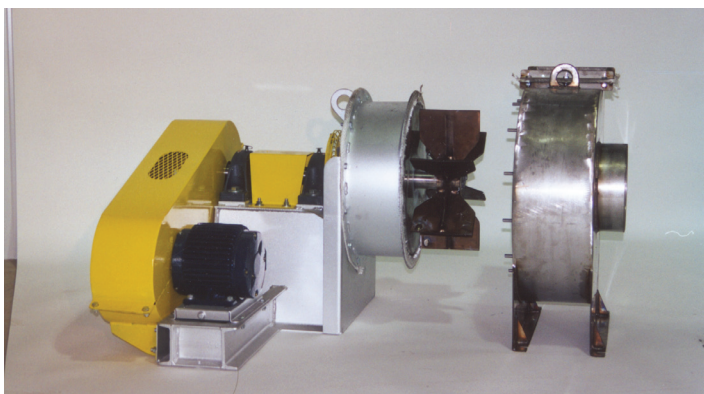
Most applications utilize the system plenum as the fan housing which reduces space requirements and ductwork connections, however, fan housings are available as an option to any IAP plug fan.



Adjustable motor base, removable guards and readily accessible bearings reduce maintenance time.

Motor and drive assembly are mounted to a formed steel plate plug panel with flanges and cross-frame bracing for strength and flatness. Plug panel is pre-drilled and all units are factory assembled and balanced ready to "plug" into your supply, exhaust or recirculation system.

Unit shown to the left is a floor mount option with round plug and detachable housing.



Units shown above without inlet cones. Inlet cones for type BPG and FPG plug fans ship loose for mounting to the inside of the plenum/system wall or can be integrally mounted to the plug panel as an option.