



Creating Just the Right Atmosphere Always...

CONTROLS & AUTOMATION

With new developments in control & instrumentation globally, Draft-Air continuously upgrades its automation equipment like field instruments & controller with the latest software. Draft-Air Electronic Control System makes it possible to monitor, control, and record key plant operating conditions at the central point, local or remote. The result is tighter control, faster response, and more efficient overall plant operation. It ties together electronically the systems that most affect the plant operating environment, Air conditioning & Waste and dust control

The central control system gathers and displays operating information from sophisticated electronic controllers on Air Washers & Automatic Filters. Authorized personnel can adjust these machines through the password-protected keyboard without the need for on-site inspection

Draft-Air offers field instruments like Temperature / RH sensors, Differential Pressure switches, Differential Pressure sensor & transmitter, Actuator for controlling damper operation, 2 way & 3 way motorized valves.

The field controller is a high performance controller specially designed for HVAC systems with inbuilt display for local operation. The controller inputs & outputs can be expanded using expansion modules. It has a real time control & is very user friendly.

Central monitoring can also be added with the same controller with graphic display on large screen. Various plant parameters can be stored for periodic review with graphical representation.

Draft-Air also offers Variable Frequency Drive (VFD) for power saving which is linked with the controller for precise control & energy consumption recording.

Draft-Air provides Floor standing cubicle motor control center with IP-42 protection with Siemens - L & T switchgears.





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DAMPER

Draft-Air low leakage Damper represents a new standard for industrial air control dampers. The frame is made from heavy gauge galvanized sheet & blade made of extruded aluminum section. PVC linkages are provided for automatic operation. Dampers can be tailor made to suit sit requirements. Option is also available with Galvanized blades for manual operation. As a standard the blades are opposed but can be made parallel as per requirement.



AIR TIGHT DOOR

For plant maintenance Draft-Air provides double skin insulated doors. Doors are made from heavy gauge galvanized sheet on both sides. Option of powder coating and SS construction is also available on request. Doors are fitted with heavy hinges for industrial application with handle & lock.



GRILLS & DIFFUSERS

Draft-air offers wide range of Grills and Diffusers depending upon the application & process requirement. Different MOC are provided depending upon client's request with option of powder coating.

- For general ventilation spot diffusers, fixed grills, double deflection grills with or without VCD are provided.
- For comfort cooling requirement jet nozzle or jet diffusers are selected.
- Spinning mills are supplied with Linear Diffuser
- Loom cooling diffusers are provided for weaving projects.

