



Voltriqs

technology at your doorstep



*“The customer’s perception
is our Reality.”*



Air Ventilation & Control Products

Key Features

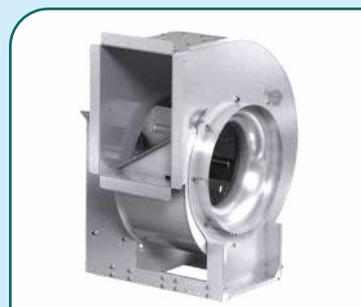
- AMCA air and sound certified
- UL555,UL555S rated,NFPA compliant
- Up to 84% fan efficiency,
- Sound rating <75dBA,
- Available upto 1600mm diameter

Fans & Air Movement Products:

- Axial fans, Tube axial fans
- Jet Fans
- Laboratory Exhaust & Ventilation
- Tube axial roof up-blast
- Gravity ventilators
- Inline and ceiling fans
- Kitchen ventilation system – up-blast
- Make-Up air Fans
- Utility fans
- Centrifugal Fans
- Radial Blowers

Air Control Products:

- Fire & Smoke Dampers (Motorised, Manual)
- Tunnel Transit Dampers
- Marine Dampers
- Air Dampers (Motorised, Manual)
- Insulated Control dampers
- Volume Control Dampers
- Backdraft, pressure relief dampers

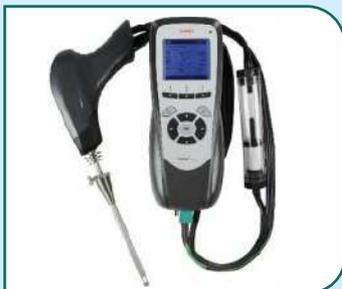




Gas Detection & Monitoring, Control Systems

Online, continuous monitoring of all toxic and flammable gases, oxygen

- Analog, digital and Modbus Output
- CE approved, UL, EMC compliant
- ATEX, SIL 2 for Hazardous area (flame proof, Ex proof)
- Wall, duct, pipe line mounting
- BMS, PLC integrated
- With/Without on-board display

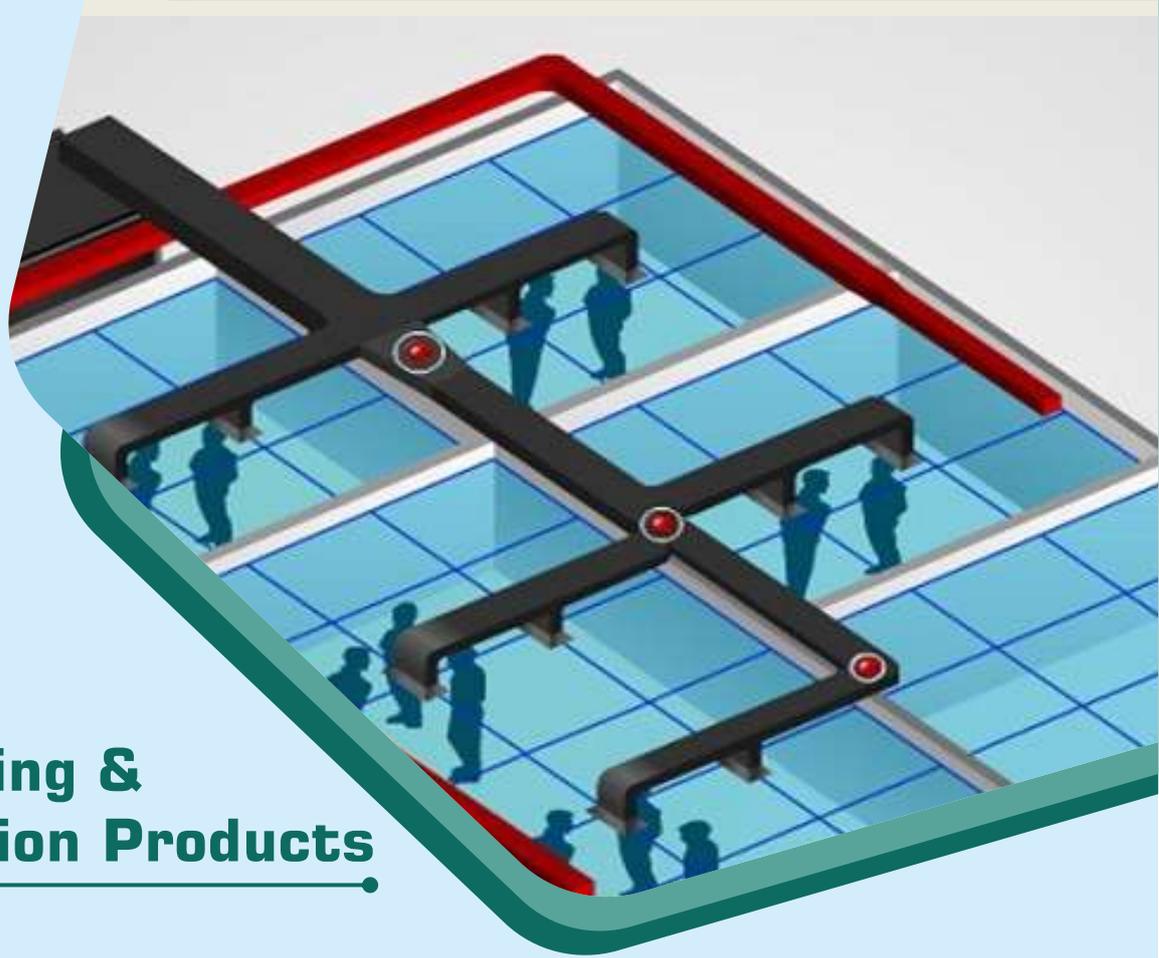


Toxic Gas Sensor:

CO	Co2	NO	O2
H2S	Nh3	Cl2	No2
H2	So2	Cs2	C2H4
HCN	F2	HCL	Ph3
ClO2	Freon	O3	C2H2
N2	SiH4	VOC	Aerosols

Flammable Gas Sensor:

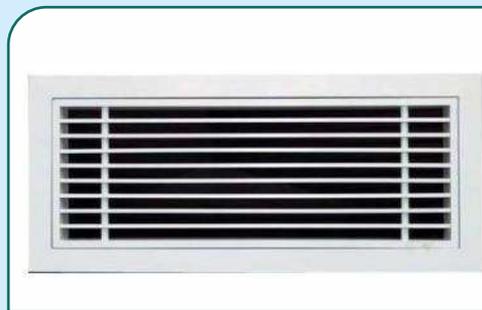
Hydrogen	LPG	Methane
Acetic acid	Acetylene	Acetone
Ammonia	Benzene	Butyl acetate
Cyclohexane	Cyclopentane	Ethane
Ethyl acetate	Ethyl Alcohol	Ethylene
Ethylene oxide	Ethyl Ether	Iso- butane
Iso butyl alcohol	Isopentane	Iso propanol alcohol
Iso propyl Alcohol	Methanol	Methyl ethyl ketone
n-butane	n-pentane	n-heptane
n-octane	Nitrogen trifluoride	Nonane
Petrol Vapour	Hydrocarbons	Solvent Vapour
Propyl Alcohol	Styrene	Toluene
Trimethylbenzene	Vinyl Acetate	Xylene



Air-conditioning & Air Distribution Products

- Air Handling Units - Floor, Ceiling
- Fan Coils Units
- Air Scrubbers
- Air Washers
- Energy Recovery System

- Pre-insulated PUF Sheets / Panels
- Pre-insulated Air-conditioning Ducts
- Grills-Linear, Round etc.
- Diffusers

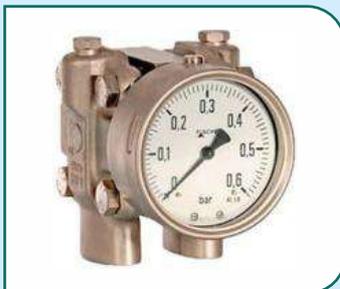




Differential Pressure Measurement & Control

Key Features:

- Gauge, Switch, Transmitter and combination
- Available for air, clean gases, water, liquids, sewage, effluent, industrial discharge, chemicals, oil, lubricants etc.
- For DP, vacuum, over pressure, flow monitoring
- Wall, surface, duct, pipe mounting
- Industry standard analog output, BMS integrable
- Hazardous area Explosion proof - Zone 1, 2, 22 (gas, dust)
- Various media contact, diaphragm, seal, gasket material
- Robust, accuracy, shock-resistant, chemical resistant
- Various function output eg. square root function available
- CE, VDS, ATEX, GL approved





Pressure Measurement & Control

Key Features:

- Gauge, Switch, Transmitter and combination
- Available for air, clean gases, water, liquids, sewage, effluent, industrial discharge, chemicals, oil, lubricants etc.
- For vacuum, over pressure, negative pressure, liquid level, flow monitoring
- Industry standard analog output, BMS integrable
- Wall, surface, duct, pipe mounting
- Available for hazardous area Explosion proof-Zone 1,2,22 (gas, dust)
- Industrial and commercial grade
- Industrial standard output
- Various media contact, diaphragm, seal, gasket material
- Robust, accuracy, shock resistant, chemical resistant
- Various function output eg. square root function available
- CE, VDS, ATEX, GL approved





Temperature Measurement & Control

Key Features:

- Gauge, Switch, Transmitter and combination
- For air, clean gases, water, liquids, sewage, effluent, industrial discharge, chemicals, oil, lubricants etc.
- Contact type (RTD, Pt100, Pt1000, NTC etc. based) and non-contact type (infra-red based)
- For absolute, differential temperature monitoring
- Industry standard analog output, BMS integrable
- Wall, surface, duct, pipe mounting
- Available for hazardous area Explosion proof - Zone 1, 2, 22 (gas, dust)
- Industrial standard output
- Various media contact, seal, gasket material
- Robust, accuracy, shock resistant, chemical resistant
- CE, VDS, ATEX, GL approved





Flow Measurement & Control:

Key Features:

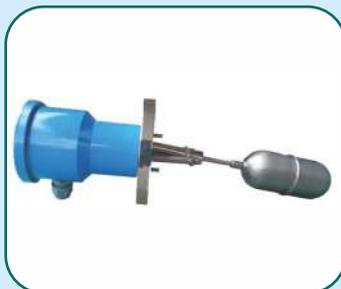
- Switch, Transmitter and combination
- Available for air, clean gases, water, liquids, sewage, effluent, industrial discharge, chemicals, oil, lubricants etc.
- Based on hot-wire, vane type, differential pressure, ultra sonic technology
- Industry standard analog output, BMS integrable
- Wall, Remote, duct, pipe, inline mounting
- Available for hazardous area Explosion proof-Zone 1,2,22(gas,dust)
- Industrial and commercial grade
- Industrial standard output
- Various media contact, diaphragm, seal, gasket material
- Robust, accuracy, shock-resistant, chemical resistant
- Various function output eg. square root function available
- CE, VDS, ATEX, GL approved





Level Measurement

Key Features:



- Gauge, Switch, Transmitter and combination
- Float switch, immersion probes, multi-float level indicators
- Available for water, liquids, diesel, hydrocarbons, sewage, effluent, industrial discharge, chemicals, oil, lubricants etc.
- For conductive and non-conductive liquid media
- For contact type (resistance, capacitance, pressure, differential pressure based) and non-contact type (ultrasound based)
- Industry standard analog & HART output, BMS integrable
- Available for hazardous area Explosion proof - Zone 1, 2, 22 (gas, dust)
- Industrial and commercial grade
- Industrial standard output
- Various media contact, seal, gasket material
- Robust, accuracy, shock-resistant, chemical resistant
- CE, VDS, ATEX, GL, FDA approved



Fire and Smoke Measurement & Control

Key Features:

- Fire and smoke detector, Early fire and smoke detection system
- Flame detector (UV/ IR), IR3
- Available for safe and hazardous area (Zone 1, Zone 2, 22) ATEX, FM certified
- Wall, duct mounting
- Industry standard analog & relay output, BMS integrable
- Industrial and commercial grade
- Industrial standard output
- Robust, accuracy, shock-resistant, chemical resistant
- CE, ATEX, FM, FDA approved



Weather Condition Measurement & Control:

- Wind Direction (Vane type, ultrasonic)
- Wind Speed / Velocity (Vane type, ultrasonic)
- Compass
- Air temperature, humidity, condensation
- Barometric Pressure
- Solar Radiation
- Visibility measurement
- PM 2.5, PM 10 particulate matter
- Lux Monitor
- Sound Monitor
- Leakage Monitor
- Dew Point Monitoring





Density, flow Measurement & Control

Features / Parameters:

- Suitable for density, flow, viscosity, temperature monitoring of liquids, beverages, milk, alcohols, acids, sugar etc.
- Determines - sugar content, extract contents, specific gravity, density of medicinal formulations, acids, bases concentration, petroleum additives etc.
- Also for petroleum, chemical, hydrocarbons
- For batch, online monitoring
- Industry standard analog, HART, Modbus RTU output
- Variety of contact material, seal to suit application



Activities & Service offered:

- Design, advisory services:

- Air monitoring for toxic, flammable environment
- Workplace safety with respect to air toxic hazards
- Proactive measures for assets safety, fire incidences
- Indoor air quality measures

- Manufacturing

- Gas Detection & Control Systems
- Automation & Control Systems

- Supply, integration, commissioning

- Ventilation products
- Gas detection & Control system
- Process & HVAC sensor instrumentations
- Panels – VFD, PLC, Starter

Industries Served:

Construction	Hotels
Mining, coal	Pharmaceuticals
Defence	Power plants
Manufacturing	Food production
Clean rooms	Warehouse, cold stores
Petrochemicals	Oil & Gas
Biotechnology	Railways
Breweries	Semiconductor
Glass, Ceramics	Refinery



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