

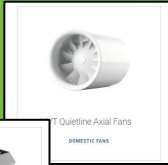


We are
ARAMCO Approved #: 10062193, MAADEN Approved # : 39136, SABIC Approved # 11048598

MEP Acoustics Products



THERMOSTATS/CONTROLLERS-NORPOSH-UK



FANS- VENCO-TURKEY



ACTUATORS- GERMANY, GRUNER



EXPLOSION PROOF ACTUATORS- PI, GERMANY



**SWITCHGEAR/ PANELS
ARABIAN ENGINEERING FZ LLC-UAE**

PRODUCTS LINE UP



ACOUSTIC LOUVERS



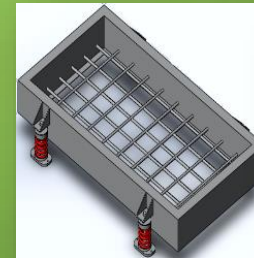
ARCHITECTURAL LOUVERS/ SAND TRAP LOUVERS (AMCA UNDER PROCESS)



ACOUSTIC LAGGING (SPAIN)



SOUND ATTENUATORS (RECTANGULAR, CIRCULAR, ELBOW & CROSS TALK)



INERTIA BASES (UAE)/ SPRING HANGAR/ VIBRATION ISOLATOR, SEISMIC RESTRAINTS& ISOLATION PADS (CANADA)



VARIABLE AIR VOLUME

ACOUSTIC LOUVERS



ACOUSTIC LOUVERS

FEATURES

- Heavy Gauge Frame
- Withstand minimum design load of 30 psf (146.5 kg/m²)
- Multi section possible enable to assemble at site
- Coating as per specification- Baked enamel/ Kynar/ Anodized/ prime coat finish etc..
- Color as per Specifications can be provided
- Water penetration 0.01 oz/ ft² of free area** (*please contact sales office for more information*)
- Available in 100,150,300,600,900 mm thickness

Sound Reduction Index (SRI) tested in independent laboratory as per BS ISO EN 140-3:1995 standard.

ACOUSTIC LOUVERS



DESCRIPTION

Acoustic louvers are used to prevent noise breakout from an air inlet or outlet of a plant room, building or enclosure whilst allowing ventilation air transfer. They have varying acoustic performance depending on the type of aerodynamically designed blades is used and the depth of the acoustic louvre demanded by the design.

Aircoustics certifies that the water penetrations and air performance ratings have been verified by private testing. Test and procedures were performed in accordance with AMCA publication 511.

Multi section possibility in design enables ease to assemble at site

RANGE

Acoustic louvers:

AAL- 1045/ 1545/ 2035/ 3035/ 3045. Usually designed to have both sound absorptive and improved STL characteristics. Material could be Aluminum or Steel as per specification

AALD 2035/ 3035: Usually designed to have both sound absorptive and improved STL characteristics. Material could be Aluminum or Steel as per specification.

MATERIAL

- Louvers are with mill finish in standard Aluminum construction& Blades extruded aluminum with water drain
- Frame extruded aluminum with vertical drain channel, joined with corners and screws
- The construction is with stationery airfoil blades or rectangular ones.
- The construction material can be as per specification i.e., **Aluminum/ GI/ Stainless steel.**
- Coating - Baked enamel/ Kynar/ Anodized/ prime coat finish etc. or as per Specifications can be provided**



(Spain) – TECSOUND Acoustic Lagging



TECSOUND FT 55 AL -sound proofing complex

Composition: Porous felt laminated to membrane

Tecsound membrane: High density polymer-based, asphalt free, synthetic soundproofing membrane

Protection: Reinforced with aluminum foil on its upper side.

ADVANTAGE:

Flexible/easy handling & application/ Cold-Heat resistant/ Ageing resistant/ Rot proof

APPLICATION (SOUND PROOFING OF):

PVC sewage ducts/ AC ducts/ Industrial pipes/
Machine rooms/ gutter pipes/ sound damping of metal sheets

STC 31 tested in independent laboratory as per
ASTM E 413 standard.



ACOUSTIC LAGGING



DESCRIPTION

- TECSOUND FT 55 AL -sound proofing complex is made in Spain. The Composition for the product is Porous felt laminated to membrane and Tecsound membrane is High density polymer-based, asphalt free, synthetic soundproofing membrane which is with Protection of Reinforced with aluminum foil on its upper side.
- Product is in accordance with the international standards: CTE-DB-HR, EN-ISO-140-1/3/6/8, EN-20140-2 & EN-ISO-717/1/2.

BENEFITS

- Flexible/easy handling & application/ Cold-Heat resistant/ Ageing resistant/ Rot proof
- STC 31 tested in independent laboratory as per ASTM E 413 standard.
- Increases acoustic insulation of the element to which it is applied because of its combination of absorbent material and high-density insulating membrane.
- Enhanced low frequency noise insulation can be achieved**

APPLICATION

- PVC sewage ducts/ AC ducts/ Industrial pipes
- Machine rooms/ gutter pipes



Impact noise insulation : ΔL_w 24 dB

Airborne noise reduction : 7.5 dBA



TEXSIMPACT -Underlay

Composition: high performance cross-linked polyethylene closed cells membrane

Advantage:

- High impact noise reduction
- Very high compressive strength
- Durable mechanical properties
- Minimum loss of thickness under loading situations
- Lightweight, flexible, easy to handle, cut and adapt to any surface
- Waterproofed
- Underfloor heating approved
- CFCs-free

Application:

- Impact noise insulation for any kind of floors
- As a separating /dampening layer for those applications where different construction elements must be separated.

ACOUSTIC UNDERLAY

DESCRIPTION

- "Excess of everything is bad" and same goes for excessive exposure of loud noise or impact sound that can cause increased tiredness, lack of concentration, problem with sleep which in long run would result in chronic disease.
- TEXIMPACT- underlay is a product from Spain and manufactured in accordance to CTE-DB-HR, EN ISO 140-1, EN ISO 140-3, EN ISO 140-6, EN ISO 140-8, EN ISO 717/1/2. The Quality management system is according to ISO 9001.
- TEXIMPACT Acoustic underlay dampens sound by separating the floor covering and the subfloor with a thick, dense, insulative layer of felt, Closed cell membrane by absorbing sound energy before it can reach the rooms below. A careful selection and installation can improve the living ambience and make the atmosphere serene. The material is available in 6 m and 10 mm thickness.

MATERIAL

- HIGH PERFORMANCE CROSS-LINKED POLYETHYLENE CLOSED CELLS MEMBRANE
- 1 M² OF TEXSIMPACT WILL APPROXIMATELY COVER 90 M² OF SURFACE, INCLUDING THE OVERLAPS

BENEFITS

- HIGH IMPACT NOISE REDUCTION
- SEPARATES AND INSULATES THE SOUND FROM DROPPING OF OBJECT/ FOOTSTEPS, FURNITURE MOVEMENTS, ETC.
- IMPACT NOISE INSULATION: ΔL_w 24 dB**
- AIRBORNE NOISE REDUCTION: 7.5 dBA**
- VERY HIGH COMPRESSIVE STRENGTH
- DYNAMIC STIFFNESS OF 57.7 TO 87 MN/M³ / DURABLE MECHANICAL PROPERTIES
- MINIMUM LOSS OF THICKNESS UNDER LOADING SITUATIONS
- LIGHTWEIGHT, FLEXIBLE, EASY TO HANDLE, CUT AND ADAPT TO ANY SURFACE
- WATERPROOFED
- UNDERFLOOR HEATING APPROVED
- CFCs-FREE/ ODOUR-FREE / LOW-VOC

APPLICATION

IMPACT NOISE INSULATION FOR ANY KIND OF FLOORS

AS A SEPARATING /DAMPENING LAYER FOR THOSE APPLICATIONS WHERE DIFFERENT CONSTRUCTION ELEMENTS MUST BE SEPARATED.

HOTEL/ SERVICES APARTMENTS

OLD AGE HOMES/ STUDENT ACCOMMODATIONS

CONDOMINIUMS`



SAND TRAP LOUVERS



FEATURES

- Mill finish Aluminum Construction
- Bird screen (optional)
- High degree of separation of sand and large duct particles
- Designed to separate large particles at low velocities**
- Design ensuring sand drainage / self cleaning / maintenance free

*** (please contact sales office for more information)*



under process

Performance Data

The filtration performance is dependent on the dust type and the velocity of the air:

Practical Size Range	Filtration Efficiency in %	
	at 1.0 m/s	at 2.0 m/s
350 - 700	90	70
75 - 700	60	approx. 30

SAND TRAP LOUVER



DESCRIPTION

- Sand trap louver is used as pre-filter for the protection of Airconditioning plants from the extreme levels of industrial and environmental pollution.
- Aircoustics ASTL model sand trap louvers are specially designed to achieve High degree of separation of sand and large duct particles. It is a well-designed product to separate large particles at low velocities**. Aircoustics STL vertically arranged sections and holes for sand drainage is ensuring no sand residue and the product is not only self-cleaning but also maintenance free.
- Aircoustics offer complete design, manufacturing and installation services including all necessary structural steel work or an expert supervision is provided to ensure the performance is not hurt.

ASTL

- ALL COMBINATIONS OF WIDTH X HEIGHT CAN BE SUPPLIED
- BIGGER WIDTH LOUVERS ARE WITH SPLIT ON WIDTH WITH SEPARATE CHANNEL TO CAP THE VERTICAL JOINT- SUPPLIED LOOSE FOR SITE FITTING.
- BIGGER HEIGHT LOUVERS ARE WITH SPLIT ON HEIGHT WITH SEPARATE SAND CHUTE- SUPPLIED LOOSE FOR SITE FITTING.

MATERIAL

- AIRCOUSTICS **ASTL** MODEL SAND TRAP LOUVERS ARE WITH MILL FINISH ALUMINUM CONSTRUCTION
- BIRD SCREEN AS (OPTIONAL).
- OTHER CONSTRUCTION MATERIAL IS POSSIBLE AND UPON REQUEST.

BENEFITS

- BIGGER HEIGHT AND WIDTH ARE SUPPLIED WITH SPLIT SECTIONS FOR EASY INSTALLATION AT SITE.
- CUSTOMIZED DESIGN IS AVAILABLE DEPENDING UPON THE INSTALLATION AT SITE.
- FREE AREA AND PRESSURE DROP CALCULATION IS AVAILABLE**

VARIABLE AIR VOLUME



Pressure independent VAV boxes

- 50 lps to 2000 lps
- With extended casing option
- Cross flow sensor as per ISO 10780
- 22 Ga casing/ 24 Ga blades
- Lined with Insulation
- Optional- with heater/ DDC controller

Actuator (Gruner- Germany)

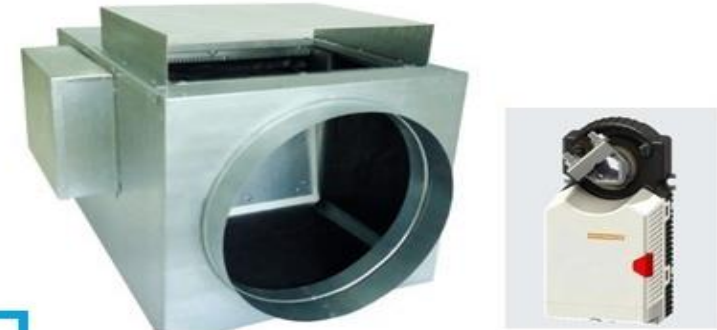
- Test button with integrated LED for indication
- Service connection for parameterization (no power supply required!)
- „Boot-loader” option
- Measurement accuracy from 0.1 Pa guaranteed
- Dynamic or static pressure difference sensor possible
- IIR Filter for sensor ($VAV_i = 0.05 * \text{Sensor}_j + 0.95 * VAV_{i-1}$)

Manufactured by:  **Aircoustics**
Multi-Service Engineering Solutions
info@aircoustics.com

Distributed by:  **Arabian Engineering FZ-LLC**
Engineering Solution Provider

Variable Air volume is commonly used to maintain the room/ office condition based on varying the airflow- By-pass VAVs work based on the temperature signal vary the airflow in the room and balance air transfers to the void whereas Pressure Independent VAVs control the airflow by sensing the velocity and temperature thus maintaining the minimum and maximum airflows in the area also in the case damper is closing the sensor in the duct with a signal reduces the RPM of the equipment and excellent control system help in reducing the energy.

The careful selection of ACTUATOR and calibrated system help in achieving this goal.



By-Pass VAV

- 50 lps to 2000 lps
- 22 Ga casing/ Blades
- Lined with Insulation
- Pre-wired equipped with Transformer, Modulating actuator (2-10 or 0-10 V)
- Thermostat optional
- Optional Flange/ double skin

Actuator (Gruner- Germany)

- Running time 60...120 s / 90°
- Torque 5 Nm
- Nominal voltage 24 VAC/DC
- Control continuous control (0)2...10 VDC
- Damper size up to approx. 1 m²
- Shaft coupling clamp/? 8-12/ Ø 8-16 mm

Gruner - Air Products

VAV (PI) ACTUATORS/CONTROLLERS



For VAVs

- BACNET MS/TP Controller
- Room Controller
- Digital/ Analogue input/output points
- Programmable

FAST RUNNING ACTUATOR

- 24 Volt
- Modulating
- Damper Actuator
- With fail/safe position
- Ideal for staircase
- **3s return time**
- 15 Nm



DAMPER ACTUATORS

- 24/230 Volt
- On/Off or Modulating
- Damper/ **VAV** Actuator
- Auxiliary switch(es)
- 5 Nm to 40 Nm
- (UL listed also available)



- 24/230 Volt
- On/Off or Modulating
- **Spring Return**
- Auxiliary switches
- 5 Nm to 20 Nm

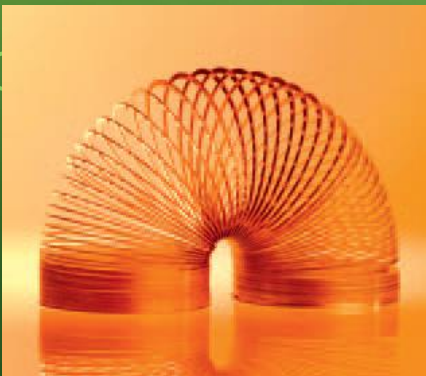
FIRE/ SMOKE ACTUATORS

- 24/230 Volt
- On/Off
- **Non-Spring Return** actuator
- 15 Nm to 40 Nm
- High Temp suitability
- Auxiliary switches



- 24/230 Volt
- On/Off- CE SPEC
- **Spring Return**
- **Fire/Smoke** actuator
- 3 Nm to 20 Nm
- Auxiliary switches
- 2x High Temp cutout

- 24/230 Volt
- On/Off- **UL LISTED**
- **Spring Return**
- **Fire/Smoke** actuator
- 5 Nm to 15 Nm
- Auxiliary switches
- Cutout (optional)



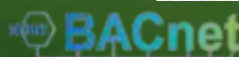
- LCD 3-SPEED FAN / MODULATING 0-10V
- SOLAR / DIN-RAIL / Z-WAVE
- CHRONOTHERMOSTAT
- HUMIDISTAT
- PROGRAMMABLE THERMOSTAT 120/230/VAC
- LCD/ ELECTRONIC THERMOSTAT
- SENSORS for Smart City
- CO2 CONTROL / AIR QUALITY SENSOR
- TOUCH SCREEN THERMOSTAT
- BMS (Building Management System)
- WIFI THERMOSTAT

Excellent Price Range
Fast Delivery



AVANTEC

HONG KONG





SENSORS & CONTROLLERS

(WITH ACTIVE/ PASSIVE OUTPUTS/BAC NET/MODBUS RTU COMPATIBILITY)

Humidity/ Temperature...



Pipe Condensation/ Duct or Ceiling/ Outdoor-Humidity & Temp/Surface leakage pipe or Universal Surface Temp/ Frost protection/ Duct Average Temp/ Pipe Temp- Sensors with Active/ Passive outputs

Light & Motion



Room Light & Motion - Sensors with Active/ Passive outputs

Water Pressure



Water Pressure/Differential/Level - Switch & Sensors with Active/ Passive outputs

Control Device



Room Fan-coil Thermostat For 2/4-pipe

Air Quality



Room/Duct Air VOC Quality/CO2/Temp/Humidity /CO/Fine Dust-Sensors with Active/Passive outputs

Air Pressure



Air Pressure/Differential/Velosity & Temp Switch & Sensors with Active/Passive outputs

FCU/ AHU CONTROLLERS



NFC-860W2PCL
ROOM FAN COIL CONTROLLER (BACnet)

- FLUSH MOUNTED
- POWER SUPPLY- 24 VAC/DC
- DIGITAL DISPLAY
- EXTERNAL SENSOR PROVISION
- INPUT- 1X DIGITAL
- OUTPUT- 2 POINT ON/OFF TRIAC, 3 STAGE FAN RELAY
- BACnet /MS/TP CONNECTIVITY
- RS485



NFC-860W3R
FAN COIL CONTROLLER

- FLUSH MOUNTED
- POWER SUPPLY- 24 VAC/DC
- DIGITAL DISPLAY
- EXTERNAL SENSOR PROVISION
- INPUT- 1X DIGITAL
- OUTPUT- 2 X 0-10 VDC
- VOLT FREE 3 STAGE FAN RELAY
- SPEED 4/7/10V
- BACnet /MS/TP CONNECTIVITY
- RS485



NFC-300RE
ROOM FAN COIL CONTROLLER

- FLUSH MOUNTED
- POWER SUPPLY- 24 VAC/DC
- DIGITAL DISPLAY
- DIGITAL ROTARY ENCODER
- EXTERNAL SENSOR PROVISION
- INPUT- 1X DIGITAL
- OUTPUT- 0-10 VDC OR 3 SPEED 4/7/10V
- OUTPUT- HEATING/COOLING- 0-10C/DC
- BACnet /MS/TP CONNECTIVITY
- RS485



NFC-TS4306 (BACnet)
TOUCHSCREEN FAN COIL CONTROLLER

- FLUSH MOUNTED
- POWER SUPPLY- 24 VAC/DC
- DIGITAL DISPLAY
- PROPORTIONAL+ INTEGRAL CONTROLLER
- INBUILT TEMP SENSOR
- INPUT: 2 X SENSOR+ 1 X UNIVERSAL, 2 X DIGITAL
- OUTPUT- 3 X 0-10 VDC (1 X 3 SPEED 4/7/10V)
- INBUILT REAL TIME CLOCK
- BACnet/ MS/TP CONNECTIVITY
- RS485
- SUITABLE FOR 2/4 PIPE SYSTEM



NFC-TS4380 (BACnet)
TOUCHSCREEN FAN COIL UNIT CONTROLLER

- FLUSH MOUNTED
- POWER SUPPLY- 24 VAC/DC
- DIGITAL DISPLAY
- PROPORTIONAL+ INTEGRAL CONTROLLER
- INBUILT TEMP SENSOR
- INPUT: 2 X SENSOR+ 1 X UNIVERSAL, 1 X DIGITAL SPARE
- OUTPUT- 3 X 0-10 VDC (1 X 3 SPEED 4/7/10V, 2 X TRIAC)
- INBUILT REAL TIME CLOCK
- BACnet/ MS/TP CONNECTIVITY
- RS485
- SUITABLE FOR 2/ 4 PIPE SYSTEM



NFC-TS4370 (BACnet)
TOUCHSCREEN FAN COIL CONTROLLER

- FLUSH MOUNTED
- POWER SUPPLY- 24 VAC/DC
- DIGITAL DISPLAY
- PROPORTIONAL+ INTEGRAL CONTROLLER
- INBUILT TEMP SENSOR
- INPUT: 2 X SENSOR+ 1 X UNIVERSAL, 2 X DIGITAL
- OUTPUT- 3 X 0-10 VDC (1 X 3 SPEED 4/7/10V), 2 X TRIAC
- INBUILT REAL TIME CLOCK
- BACnet/ MS/TP CONNECTIVITY
- RS485
- SUITABLE FOR 2/ 4 PIPE SYSTEM



NFC-TS4390 (BACnet)
TOUCHSCREEN AIR HANDLING UNIT CONTROLLER

- FLUSH MOUNTED
- POWER SUPPLY- 24 VAC/DC
- DIGITAL DISPLAY
- PROPORTIONAL+ INTEGRAL CONTROLLER
- INBUILT TEMP SENSOR
- INPUT: 2 X SENSOR+ 1 X UNIVERSAL, 1 X DIGITAL SPARE
- OUTPUT- 3 X 0-10 VDC, 1 X TRIAC FAN ON/OFF
- INBUILT REAL TIME CLOCK
- BACnet/ MS/TP CONNECTIVITY
- RS485
- SUITABLE FOR 2/ 4 PIPE SYSTEM

VARIABLE AIR VOLUME CONTROLLERS



- FLUSH MOUNTED
- POWER SUPPLY- 24 VAC/DC
- DIGITA; DISPLAY
- EXTERNAL SENSOR PROVISION
- INPUT- 1X DIGITAL
- **OUTPUT- 2 POINT, 3 POINT TIME PRO CONTROL**
- BACnet /MS/TP CONNECTIVITY
- RS485

NVV-860W3PT
ROOM TEMPERATURE CONTROLLER



- FLUSH MOUNTED
- POWER SUPPLY- 24 VAC/DC
- DIGITA; DISPLAY
- EXTERNAL SENSOR PROVISION
- INPUT- 1X DIGITAL, 1 X 0-10VDC
- OUTPUT- 2 X 0-10 VDC, 2 STAGE TRIAC
- BACnet /MS/TP CONNECTIVITY
- RS485
- SPECIALLY DESIGNED FOR HOSPITALS AND PUBLIC BUILDINGS ETC WHERE PREVENTION OF GERMS AND DIRT PLAY AN IMPORTANT ROLE

NVV-860W
NVV-860WS
ROOM TEMPERATURE CONTROLLER



- FLUSH MOUNTED
- POWER SUPPLY- 24 VAC/DC
- DIGITA; DISPLAY
- INBUILT SENSOR
- OUTPUT- 1 X 0-10VDC

NVV-860WBP
ROOM TEMPERATURE CONTROLLER



- BRUSHED / STAINLESS STEEL CASING
- FLUSH MOUNTED
- POWER SUPPLY- 24 VAC/DC
- DIGITA; DISPLAY
- EXTERNAL SENSOR PROVISION
- INPUT- 1X DIGITAL, 1 X 0-10VDC
- OUTPUT- 1 X 0-10 VDC, 2 POINT ON/OFF OR 3 POINT TIME PRO CONTROL
- BACnet /MS/TP CONNECTIVITY
- RS485
- SPECIALLY DESIGNED FOR HOSPITALS AND PUBLIC BUILDINGS ETC WHERE PREVENTION OF GERMS AND DIRT PLAY AN IMPORTANT ROLE

NVV-864SG
ROOM TEMPERATURE CONTROLLER



- BRUSHED / STAINLESS STEEL CASING
- FLUSH MOUNTED
- POWER SUPPLY- 24 VAC/DC
- DIGITA; DISPLAY
- EXTERNAL SENSOR PROVISION
- INPUT- 1X DIGITAL, 1 X 0-10VDC
- OUTPUT- 2 X 0-10 VDC, 2 STAGE TRIAC
- BACnet /MS/TP CONNECTIVITY
- RS485
- SPECIALLY DESIGNED FOR HOSPITALS AND PUBLIC BUILDINGS ETC WHERE PREVENTION OF GERMS AND DIRT PLAY AN IMPORTANT ROLE

NVV-860SG
ROOM TEMPERATURE CONTROLLER



QT.Ex-M, electric Actuator, explosion protected ATEX / IECEx

- ATEX / IECEx certified
- Integrated junction box
- Ambient temperature -40...+70 °C
- Optional fail safe / spring return
- Optional control / feedback 0...10 V; 4...20 mA
- IP66, maximum corrosion resistance, weatherproof
- For mounting in zone 1, 2, 21, 22

QT.Ex-M... GEAR-UNIT

SPRING RETURN (FAILSAFE) TYPES

QT.Ex-MF10	Motor 18 Nm 15 s	Spring 18 Nm 10 s	Nm/s/90°
QT.Ex-MF03	Motor 18 Nm 15 s	Spring 15 Nm 3 s	Nm/s/90°
QT.Ex-MF02	Motor 12 Nm 15 s	Spring 12 Nm 2 s	Nm/s/90°
QT.Ex-MF10Y	Motor 18 Nm 15 s	Spring 18 Nm 10 s	Nm/s/90°
QT.Ex-MFD10	Motor 18 Nm 15 s	Spring 18 Nm 10 s*	Nm/s/90°
QT.Ex-MFD03	Motor 18 Nm 15 s	Spring 15 Nm 3 s*	Nm/s/90°
QT.Ex-MFD02	Motor 12 Nm 15 s	Spring 12 Nm 2 s*	Nm/s/90°

*closing time by using thermal fire trigger

NON SPRING RETURN TYPES

QT.Ex-M	Motor 50 Nm 15 s	Nm/s/90°
QT.Ex-MY	Motor 40 Nm 15 s	Nm/s/90°
QT.Ex-MQY	Motor 15 Nm 5 s	Nm/s/90°

II 2G Ex db eb ib mb
II 2D Ex tb

IIC T6 Gb
IIIC T130 °C IP66 Db



AC.Ex Controller for Hazardous Areas

- Stand alone controller for VAV/CAV
- Control / feedback 0...10V und 4...20mA
- Ambient temperature -40...+70 °C
- Optional fail safe
- IP66, maximum corrosion resistance, weatherproof
- Parameterizable alarm contact
- Optional fast motor running times up to 3 s / 90°
- Can be parameterized on site

Explosion proof Transducers

Solution to temperature / pressure/ flow sensing in Hazardous zone



TR.Ex Transducer

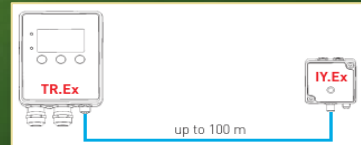
- Specification:
 - II(1)G Ex eb mb ib [ia Ga] IIC T4 Gb
 - II(1)D Ex tb ib [ia Da] IIIC T130°C Db
- Universal Transducer for mounting in zone 1 / 2 / 21 / 22
- Ambient temperature -40...+70 °C
- Protection class IP66
- Temperature class T4 for all gases and dusts
- Adjustable on site; display
- Stainless steel / polymer compound material for maximum corrosion resistance
- 0...10 V or 4...20 mA feedback
- No further barrier required in the control cabinet
- LED status indication
- Smart installation
- 24 VAC / DC



II 2G Ex db eb ib mb
II 2D Ex tb
IIC T6 Gb
IIIC T130 °C IP66 Db

IY.Ex-Sensor Range

- Specification:
 - II 1/2G Ex ia IIC T6/T5/T4 Ga/Gb
 - II 1/2D Ex ia IIIC T130°C Da/Db
- Intelligent sensor concept for connection (M12 connector) to TR.Ex universal Ex-transducer
- Stainless steel / polymer compound material for maximum corrosion resistance
- Fast sampling rate up to 125 ms for pressure sensors
- Room sensor for direct connection for measuring in zone 0, 1, 2, 21, 22
- Other sensors with M12 sensor cable (1 Meter included, other lengths available)
- For use with Tr.Ex Transducer



AC.Ex Controller for Hazardous Areas

- Stand alone controller for VAV/CAV
- Control / feedback 0...10V und 4...20mA
- Ambient temperature -40...+70 °C
- Optional fail safe
- IP66, maximum corrosion resistance, weatherproof
- Parameterizable alarm contact
- Optional fast motor running times up to 3 s / 90°
- Can be parameterized on site



FANS



VTF Duct Type Twin Fans

DUCT TYPE FANS



VCF EC AL Aluminum Casing
Roof Type Fans

ROOF TYPE FANS



VDSF Duct Type Shelter Fans

DUCT TYPE FANS



VKF Fans with Cabinet

FANS WITH CASING



F300



Roof Type Axial Fans
SYSTEMS



TKS Horizontal Roof Type Fans

ROOF TYPE FANS



VNF Narrow Casing Duct Type
Fans

DUCT TYPE FANS



VAN-S Axial Smoke Exhaust
Fan

JET FAN



CK Circular Duct Type Fans

DUCT TYPE FANS



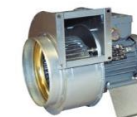
VAB Bifurcated Axial Fans

AXIAL FANS



VT MIX Silent Fans

DOMESTIC FANS



RFTX Explosion Proof Radial
Single Inlet Fans

EX-PROOF FANS



VMC Roof Type Kitchen
Exhaust Fans

ROOF TYPE FANS



VDF Rectangular Duct Type
Fans

DUCT TYPE FANS



VDF EC Rectangular Duct Type
Fans

DUCT TYPE FANS



VT Quietline Axial Fans

DOMESTIC FANS



VD Wall Mounted Axial Fans

AXIAL FANS



VAX-EX Explosion Proof Axial
Fans

EX-PROOF FANS



CTH3-A Roof Type Centrifugal
Smoke Exhaust Fan

SMOKE EXHAUST FANS



VRJ-EC Radial Jet Fans

JET FAN SYSTEMS



VIRE & IRB Acoustic
Duct Type Fans

DUCT TYPE FANS



VT Quiet Axial Exhaust Fans

DOMESTIC FANS



F300

VAX-S-H Axial Smoke Exhaust
Fans with Casing



F400

VAN-S-CH Hatch Type Axial
Smoke Exhaust Fans



VMH Kitchen Exhaust Fans
with Casing

FANS WITH CASING



VMH EC Kitchen Exhaust Fans
with Casing

FANS WITH CASING



F400

VAN-S-CAS R
Smoke Exhaust Fan

JET FAN



KV Square Framed Wall Type
Fans

DUCT TYPE FANS



VD-EX Explosion Proof Wall
Mounted Axial Fans

EX-PROOF FANS



RKX Duct Type Explosion
Proof Fans

EX-PROOF FANS



F400

VAX-J4 Axial Jet Fans

JET FAN SYSTEMS



F400

VRJ-4 Radial Jet Fans

JET FAN SYSTEMS



VCF EC Roof Type Fans

ROOF TYPE FANS



VCF EC Roof Type Fans

ROOF TYPE FANS



CONTROL/STARTER PANELS, SWITCHGEARS, CAPACITOR
BANKS, TRANSFORMERS

(Using **ABB**, **Schneider**, etc.).

Marketed/Distributed by

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all enquires at :
sales@airflow.org.in**



Airflow Technology Trading Est

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