



AIRCOUSTICS

ENGINEERED FOR SILENCE

MEP Acoustics Products

ABOUT US



- AIRCOUSTICS, SINCE 2006, IS A U.A.E BASED COMPANY WITH A TEAM OF DIVERSE BACKGROUNDS, WHOSE COMBINED EDUCATION AND EXPERIENCE COVERS THE FIELDS OF ARCHITECTURAL, ENGINEERING, AND ENVIRONMENTAL ACOUSTICS WITH DEDICATED OFFICES AND IN U.A.E. AND INDIA.
- AIRCOUSTICS ENGINEERING AND CONSULTANCY PVT LTD. ESTABLISHED IN NOIDA FOR INDIAN REGION IN 2011.
- AIRCOUSTICS EXPERIENCE, EXPERTISE AND TECHNICAL DEVELOPMENT ARE COMPLEMENTED BY PRACTICALITY AND SENSITIVITY TO BUDGETS AND BUILDING PROCESSES. BY INTEGRATING WITH OTHER DISCIPLINES AT AIRCOUSTICS, THE FIRM'S ACOUSTICS SPECIALISTS DEVELOP AND APPLY INNOVATIVE, PRACTICAL TECHNIQUES FOR SOUND AND VIBRATION CONTROL.



PRODUCTS LINE UP



THERMOSTATS/CONTROLLERS-NORPOSH-UK



ACOUSTIC LOUVERS



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



FLOATING FLOOR



VTF Duct Type Twin Fans
DUCT TYPE FANS

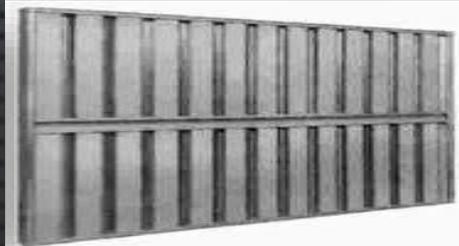


T Quietline Axial Fans
AXIAL FANS

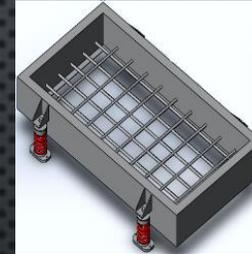


VCF EC AL Aluminum Casing
Roof Type Fans
ROOF TYPE FANS

FANS- VENCO-TURKEY



ARCHITECTURAL LOUVERS/ SAND TRAP LOUVERS (AMCA UNDER PROCESS)

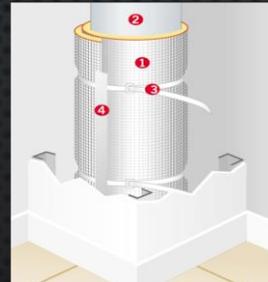
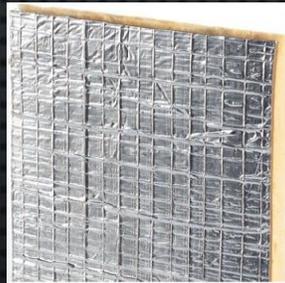


INERTIA BASES (UAE)/ SPRING HANGAR/ VIBRATION ISOLATOR, SEISMIC RESTRAINTS& ISOLATION PADS (CANADA)

ACTUATORS- GERMANY, GRUNER



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



ACOUSTIC LAGGING (SPAIN)



**EXPLOSION PROOF ACTUATORS-
PI, GERMANY**



VARIABLE AIR VOLUME

BRANDS



AIRCOUSTICS BRAND PRODUCTS
TRANSDUCERS



FANS- TURKEY



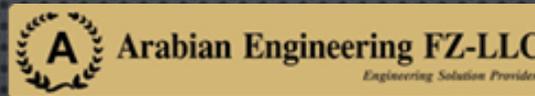
HVAC ACTUATORS- GERMANY



EX-PROOF ACTUATORS/



PICV VALVES, FCU KITS VIR- ITALY



CONTROL/ STARTER PANELS, SWITCHGEARS,
CAPACITOR BANKS, TRANSFORMERS



ALL KIND OF SENSORS- HONG KONG



THERMOSTAT/ CONTROLLERS- HONG KONG



GAS DETECTION



THERMOSTAT/ CONTROLLERS- UK

For any inquiries and product related information:



Umm Al Quwain, UAE

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Phone: 06-5304117, Mobile: +971-58-9524121

ENGINEERING SOLUTIONS- SCOPE

- NOISE CALCULATIONS WITH THE RECOMMENDATIONS FOR ALL HVAC EQUIPMENT AND ANY NOISE SOURCE I.E. (GENERATOR ROOM/ MEP ROOM/ CHILLER/ COOLING TOWERS/ PUs/ CUs/VRF OUTDOOR/INDOOR/ FCUs/ PIPES/ SEWAGE/ PUMPS/ FANS/ SWIMMING POOL/ DRAIN PIPE ETC...
- CALCULATION FOR ARCHITECTURAL AND CIVIL ACOUSTIC SOLUTIONS
- INDUSTRIAL NOISE SOURCE
- HIGHWAY/ RAILWAY/ TRANSPORT ETC...
- REPORTS BY PROFESSIONAL/ CERTIFIED STAFF IN ACOUSTICS.
- ACOUSTIC/ HVAC PRODUCTS - SUPPLY/ INSTALLATION
- ENVIRONMENTAL NOISE AND VIBRATION SURVEYS FOR PLANNING APPLICATIONS AND APPEALS.
- ARCHITECTURAL ACOUSTIC STUDY AND DESIGN
- **ACOUSTIC DESIGN:** OF RESIDENTIAL, COMMERCIAL, EDUCATIONAL & INDUSTRIAL BUILDINGS IN ACCORDANCE TO BUILDING REGULATION, BULLETINS AND RELEVANT GUIDELINES.
- **ACOUSTIC EVALUATION:** OF PROPOSED BUILDING, MECHANICAL SERVICES DESIGN AND PROVIDING SPECIFICATIONS FOR NOISE CONTROL MEASURES.
- **INVESTIGATION:** OF NOISE COMPLAINTS AND PROVIDING SPECIFICATION OF REMEDIAL MEASURES
- **EXPERT WITNESS:** IN CASES INVOLVING NOISE AND VIBRATION
- **ACOUSTIC CONTRACTING:** TURNKEY SOLUTIONS

VIBRATION ISOLATORS



Aircoustics

VIBRATION ISOLATORS



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

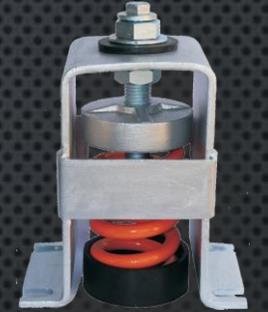
FEATURES

- Mounts are made of high-quality Natural rubber
- Springs are made of high quality / heavy spring steel
- With Specially designed bolts
- Springs are powder coated with color code (easy identification)
- SEISMIC restrained range available
- Floor mounts are with non-skid design/ EPDM neoprene
- Rubber cork/steel rubber pads / rubber waffle pads are design for Vibration and sound absorption/bearing capacity up to 25 kg/sq inch
- Made in CANADA

APPLICATION

USED FOR WIDE RANGE OF HVAC EQUIPMENTS SUCH AS COMPRESSORS, AIR HANDLING UNITS,FANS, PUMPS AND CHILLERS, FAN COILS, PACKAGE UNITS, COOLING TOWERS ETC.

For load/ selection please contact sales office for more information.



LOAD tested in independent laboratory



VIBRATION ISOLATORS



RANGE/ SERIES

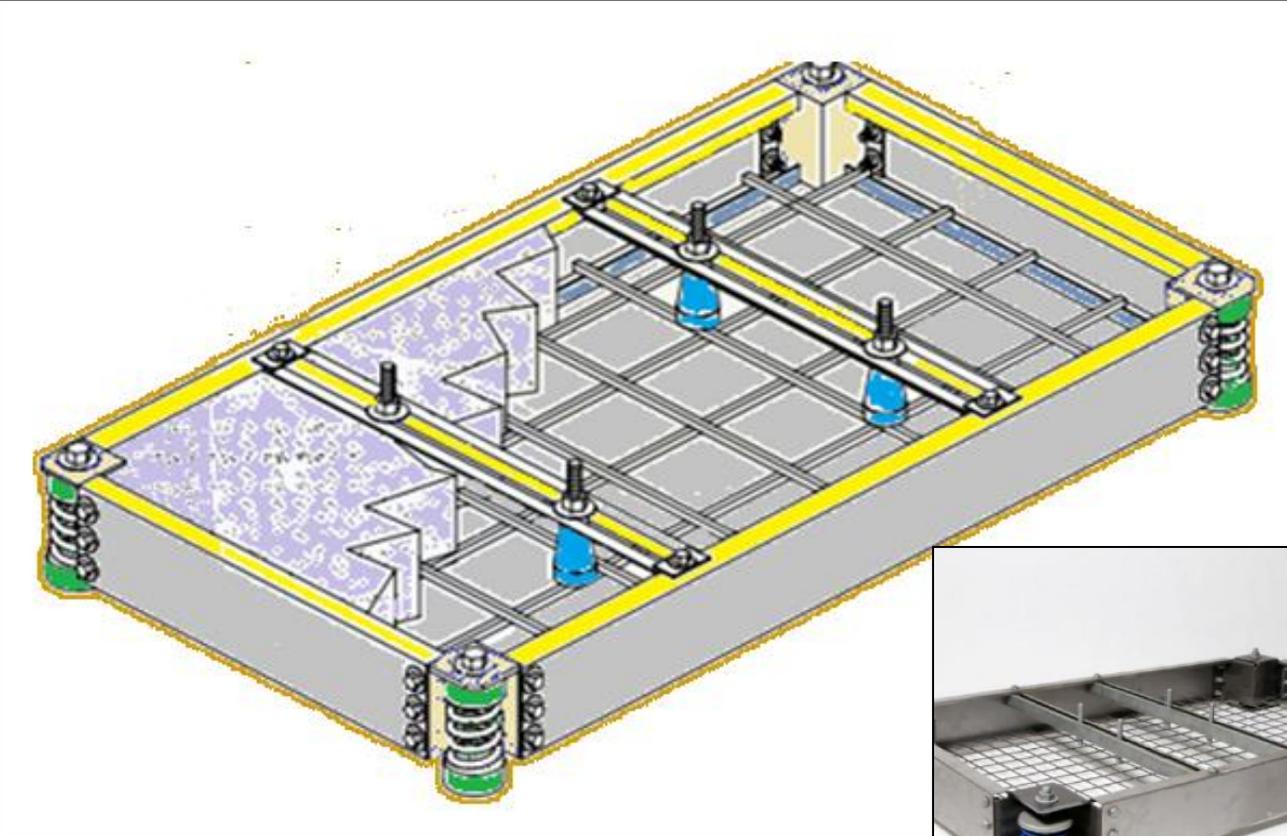
- **ESMA/B/C** – (UP TO 2200 LBS)- **SPRING MOUNTS**
- **EHSMA/B/C/D**-(UP TO 9000 LBS) **SPRING MOUNTS**: POWDER COATED CASING FOR RUST PREVENTION. ANTI-SKID RUBBER ON BASE FOR BETTER GRIP AND INNER LINING FOR NO METAL-TO-METAL CONTACT
- **ESRI**-(UP TO 1550 LBS) -**SEISMIC ISOLATORS** FOR VERTICAL RESTRAINT AGAINST THE EXTERNAL FORCES. SPECIALLY DESIGN RUBBER CUPS FOR NO METAL-TO-METAL CONTACT.
- **ESSIA/B**-(UP TO 1550 LBS) **SEISMIC RESTRAINED** INCORPORATED WITH LEVELING DEVICE AND ANTI-SKID RUBBER PADS AND BASE PLATE FOR INSTALLATION.
- **ESH- A/B/C/D** -(UP TO 700 LBS)- **SPRING HANGERS** WITH SPECIAL WASHERS FOR UNIFORM LOAD DISTRIBUTION.0.5" TO 2 " DEFLECTION **
- **EAVH**- **ANTI VIBRATION HANGERS** WITH CONICAL RUBBER MOUNTS FOR BETTER LOAD DISTRIBUTION DURING COMPRESSION. WITH SWING TO ADJUST ROD MISALIGNMENT
- **EFM**- **RUBBER FLOOR MOUNTS**- RUBBER/ NONSKID DESIGN. STEEL REINFORCED FOR BETTER STRENGTH. EPDM NEOPRENE MATERIAL. ALSO AVAILABLE WITH RECTANGULAR BASE.
- **EVAM**- **ANTI VIBRATION MOUNTS**- WITH EXTENDED RUBBER SLEEVE FOR NO METAL- TO -METAL CONTACT. WITH GALVANIZED CAP.
- **ERCR**- **RUBBER CORK RUBBER PADS**- WITH HIGH QUALITY RUBBER AND CORK- FOR VIBRATION AND NOISE REDUCTION- CAN BE USED WITHOUT NUT AND BOLT. LOAD BEARING UP TO 25 KG/ SQ INCH
- **ERSR**- **RUBBER STEEL RUBBER PADS**- WITH HIGH QUALITY RUBBER & GI SHEET- FOR VIBRATION AND NOISE REDUCTION- MULTILAYER STEEL & RUBBER IS AVAILABLE. LOAD BEARING UP TO 25 KG/ SQ INCH
- **ERWP**- **RUBBER WAFFLE PADS**- HIGH QUALITY RUBBER. CAN BE USED WITHOUT NUTS AND BOLTS. LOAD BEARING 22 KG/ SQ INCH
- **ERRP**- **RIBBED RUBBER PADS**- HIGH QUALITY RUBBER. CAN BE USED WITHOUT NUTS AND BOLTS. LOAD BEARING 12 KG/ SQ INCH



Aircoustics

INERTIA BASES

INERTIA BASE
(VIBRATION ACOUSTICS)



- Lowering **Center of Gravity** of the equipment
- Reduction of **Vibration Amplitude** in the Structure
- Improves **even weight** distribution
- Reduces **wear** and **tear**
- Acts as **acoustic barrier**
- Reducing problems due to **coupled modes.**
- Makes equipment less susceptible to **transient torques/** change in load, speed

AIRCOUSTICS brand- INERTIA BASES
500+ successful installations in the region
" The most Trusted name in Vibration Acoustics
Solutions"





INERTIA BASE



DESCRIPTION

- A CONCRETE INERTIA BASE (AIRCOUSTICS MODEL AIB) PROVIDES A RIGID PLATFORM TO HOLD VARIOUS TYPES OF EQUIPMENT, SUCH AS BASE MOUNTED PUMPS, AIR COMPRESSORS AND FANS. THE AIB CAN BE FACTORY OR FIELD ASSEMBLED AND IS SHIPPED TO THE JOBSITE WITHOUT CONCRETE. FOUR OPEN SPRING FLOOR MOUNTS (AIRCOUSTICS TYPE BA) SUPPORT THE BASE – ONE AT EACH CORNER. LARGER BASES MAY REQUIRE ADDITIONAL MOUNTS. THE BA MOUNT RUBBER CUP BOTTOM REDUCES THE AMOUNT OF HIGH FREQUENCY VIBRATION TRANSMISSION INTO THE STRUCTURE. THE INERTIA BASE ISOLATES THE EQUIPMENT BY KEEPING AWAY THE DISTURBING FREQUENCY FROM THE NATURAL FREQUENCY OF THE SYSTEM. SELECTION OF A AIB IS BASED ON THE SIZE AND WEIGHT OF THE SUPPORTED EQUIPMENT. IT SHOULD TYPICALLY BE WEIGHING AS MUCH AS THE EQUIPMENT IT SUPPORTS

MATERIALS

- OPEN SPRING MOUNTS
- METALLIC FRAME
- MOTOR/ PUMP SUPPORT GUIDE RAILS
- REINFORCED STEEL BARS

BENEFITS

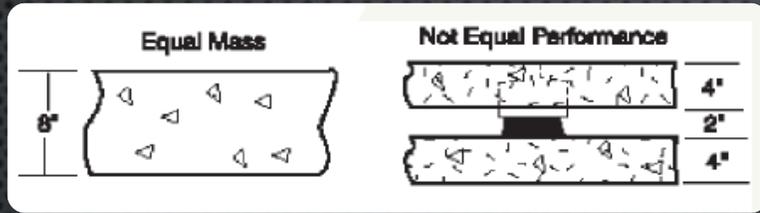
- IT LOWERS THE EQUIPMENT'S CENTER OF GRAVITY.
- (AIB) INERTIA BASE PROVIDES REDUCTION OF VIBRATION AMPLITUDE IN THE STRUCTURE
- IT IMPROVES EVEN WEIGHT DISTRIBUTION & REDUCES WEAR AND TEAR
- IT ALSO ACTS AS ACOUSTIC BARRIER WHICH RESTRICTS TRANSFER OF NOISE BELOW.
- IT REDUCES PROBLEMS DUE TO COUPLED MODES
- IT MAKES EQUIPMENT LESS SUSCEPTIBLE TO TRANSIENT TORQUES, CHANGE IN LOAD AND SPEED.



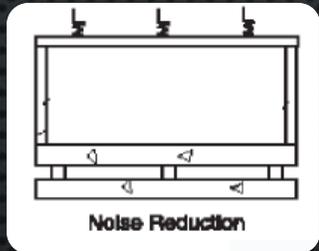
Aircoustics

FLOATING FLOOR

WHY FLOATING FLOOR?

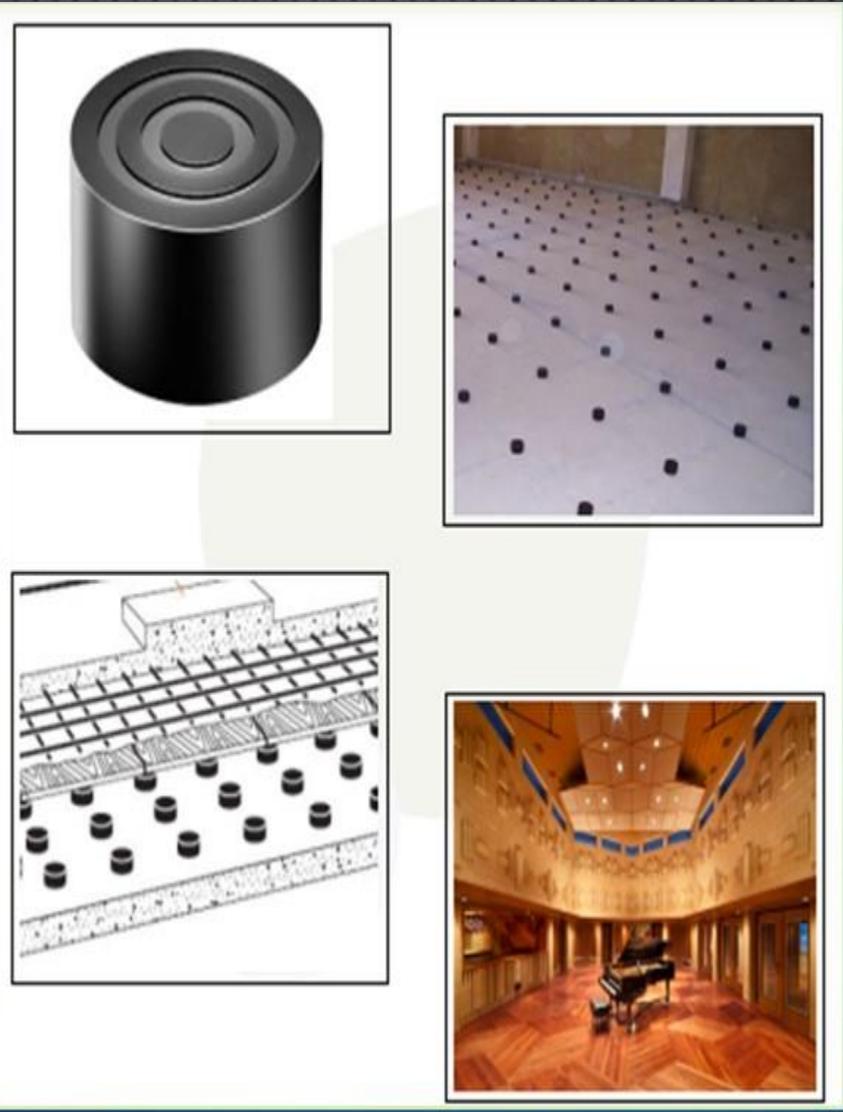
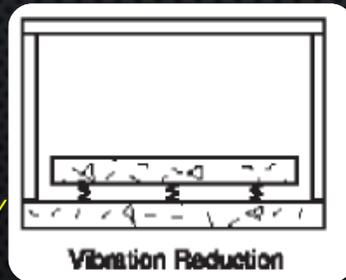


TWO MASSES SEPARATED BY A LOW FREQUENCY RESPONSE ISOLATOR CREATE AN ENVIRONMENT FOR NOISE AND IMPACT MANY TIMES GREATER THAN A SINGLE MASS OF EQUAL WEIGHT



IF THE FREQUENCY RANGE IS 20 HZ NEOPRENE **IS THE BEST CHOICE

IF VIBRATION OR IMPACT REDUCTION IS REQUIRED THEN SPRING SUPPORTING THE ISOLATED FLOOR IS NORMALLY SUFFICE**



The **EANF** neoprene floor isolators all perform below **8.5 Hz**. Compounding is to AASHO specifications and mounts are supplied by **Enginias Inc., Canada**

(Rating of **STC-71** and **INR+17** as verified by an independent laboratory)

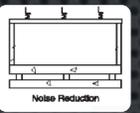
AIRCOUSTICS brand- Floating floor
800+ successful installations in the region
"The most Trusted name in Floor Acoustics"



DESCRIPTION



AIRCOUSTICS FLOATING FLOOR SYSTEM [EANF]



- THE SOUND RADIATES VIA THE FLOOR INTO ADJACENT ROOMS AND OTHER NOISE SENSITIVE SPACES OF THE BUILDING, WHERE IT IS PERCEIVED AS A DISTURBING NOISE. THE HIGH-PERFORMANCE ACOUSTIC FLOATING FLOORS DISTINGUISH STRUCTURAL AND ISOLATED FLOOR BY PROVIDING THE NEOPRENE MOUNTS.
- THE ISOLATOR SEEKS TO EMULATE THE STIFFNESS PROPERTIES OF AIR, BUT AS THIS SPACE INCREASES, THE FREQUENCY OF THE ISOLATOR GOVERNS THE FREQUENCY OF THE FLOOR SYSTEM. IF NOISE REDUCTION IS THE PRIMARY GOAL, THEN ENVELOPING WALLS USUALLY REST ON THE ISOLATED FLOOR. CEILING WITH THEIR OWN ISOLATORS CAP THE CONSTRUCTION.
- ALL FLOATING FLOOR SYSTEM MUST BE ISOLATED AT PERIMETER USING MINIMUM 20MM THICK ISOLATION BOARD TO AVOID THE FLANKING TRANSMISSION.
- THE PROFESSIONAL ACOUSTICIAN IS THE BEST PERSON TO MAKE THE EVALUATIONS AND PROVIDE THE BEST SUITABLE ADVICE PERTAINING TO AREA OF ISOLATION AND THICKNESS OF FLOATING SLAB.

FLOATING FLOOR VARIANTS

CONCRETE SYSTEM

- CONCRETE FLOATING FLOORS ARE THE MOST COMMON TYPE DUE TO THEIR ROBUST CONSTRUCTION HAVING CAPACITY TO HOLD THE LARGER WEIGHT. SUCH FLOORS AS COMPARED TO ANY OTHER FORM PROVIDE A COMPLETE AREA HOMOGENOUS SLAB WITH MINIMUM FLANKING.
- THE THICKNESS OF THE CONCRETE FLOATING SLAB DEPENDS UPON THE AREA OF USE AND THE LOAD REQUIREMENT AND MESH REINFORCEMENT IS TYPICALLY USED. THE STRUCTURAL STABILITY OF SLAB TO BE VERIFIED BY STRUCTURAL ENGINEER DURING DESIGN STAGE. CONCRETE FLOATING FLOOR SYSTEM IS IDEAL TO USE WHERE HEAVY EQUIPMENT'S TO BE PLACED OVER THE ISOLATED SLAB I.E., CHILLERS, GENERATORS AND AIR HANDLING UNITS ETC.

DRY SYSTEM (Floated Wood and Composite Floor System)

DRY SYSTEM IS IDEAL APPROACH WHERE IT IS NOT FEASIBLE TO CAST THE CONCRETE FLOATING SLAB, OR STRUCTURE CANNOT WITHSTAND HIGH LOAD, OR CONSTRAINT BY HEIGHT, OR CURING TIME CREATE DELAYS. DRY SYSTEM CAN BE CREATED BY USING PLASTER BOARDS AND PLYWOOD AND ACOUSTIC WALLS CONSTRUCTION CAN START IMMEDIATELY. THIS SYSTEM SHALL BE BEST USE FOR THEATERS, DANCE STUDIOS, NIGHT CLUBS, RECORDING STUDIOS, CINEMA HALLS AND CONCERT HALLS ETC.



Aircoustics

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



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**



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
- SOUND DAMPING OF METAL SHEETS



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 TEXIMPACT 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`



AIRCOSTICS

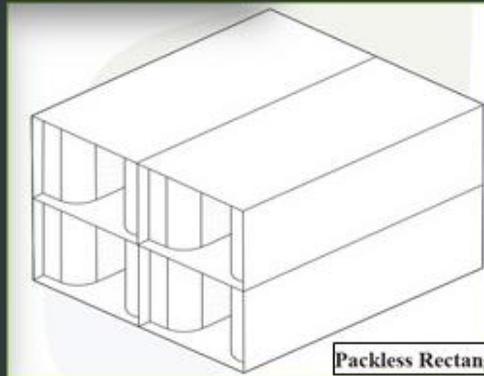
SOUND ATTENUATORS



Bend Type



with fire-protective insulation



Packless Rectangular Silencers

Aircoustics have optimized the sound attenuator with regard to:

- Acoustic properties of the sound attenuating materials
- Thickness of the splitters
- Width of the slots
- Length of the splitters
- Surface covering
- Clean-ability

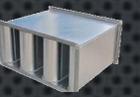
(Aircoustics sound attenuators are independently tested to BS EN ISO 7235:2003 by Sound Research Laboratories)

AIRCOSTICS brand- Sound Attenuators
"The most Trusted name in Room Acoustics"

Marketed/Distributed by:



SOUND ATTENUATORS



- **DESCRIPTION**
- AIRCOUSTICS ARSA/ ACSA/ARPL/ARBSA ARE THE RANGE OF SOUND ATTENUATORS DESIGNED FOR RECTANGULAR/ CIRCULAR/ PACK LESS/ BEND TYPE RESPECTIVELY. THE PRODUCT HAS BEEN DEVELOPED TO MEET TODAY'S HIGH REQUIREMENTS FOR SOUND ATTENUATION AND IS ESPECIALLY SUITABLE FOR USE IN DUCT SYSTEMS. AIRCOUSTICS HAVE OPTIMIZED THE SOUND ATTENUATORS WITH REGARDS TO THE ACOUSTIC PROPERTIES OF THE SOUND- ATTENUATING MATERIALS/ THICKNESS & LENGTH OF THE SPLITTERS PLUS WIDTH OF THE SLOTS AND CLEANABILITY. AIRCOUSTICS CAN ALWAYS OFFER THE BEST SOUND ATTENUATION AND LOWEST PRESSURE DROP** ACCORDING TO CUSTOMER REQUIREMENTS.
- CIRCULAR ATTENUATORS ARE AVAILABLE WITH AND WITHOUT POD DESIGN. THE SPLITTERS ARE AERODYNAMICALLY SHAPED FOR LEAST PRESSURE DROP EFFECT ON AIRFLOW. HYGIENIC SILENCERS ARE AVAILABLE WITH SPECIFICATION COMPLYING TO VDI 6022. INSPECTION HATCH CAN BE REQUESTED IF NEEDED. OPTIONAL SLIP & DRIVE CONNECTIONS, MOUNTING FEET AND DRAINAGE PLUG CAN BE REQUESTED.

ARSA

- **ARSA- SRL CERTIFIED** RECTANGULAR ATTENUATORS:
- LOW PRESSURE DROPS DUE TO TAPERED SPLITTER.
- IT REDUCES INHERENT SOUND GENERATION IN THE SYSTEM DUE TO LOWER AIR VELOCITIES AND PRESSURE SETTING.
- GOOD AERODYNAMICS CHARACTERISTICS
- WASHABLE SURFACE
- SOUND ABSORBING MATERIAL CAN RESIST HIGH VELOCITIES WHICH IS COVERED WITH PERFORATED SHEET

ACSA, ACSA-P, ACSA-1

- **ACSA- SRL CERTIFIED** CIRCULAR ATTENUATORS WITHOUT POD.
- ACSA-P AVAILABLE WITH CENTER POD FOR EXTRA HIGH ATTENUATION.
- ACSA-1 IS WITH FLANGED CONNECTIONS AND ARE DRILLED WITH THREADED FOR METRIC SCREWS.
- FIRE RESISTANT INSULATION IS E30 STANDARD.
- WIDE RANGE AND HIGH ATTENUATION
- AERODYNAMIC SHAPED CENTER BODY
- CONNECTION DIAMETER FROM 100 TO 2000 MM AND AVAILABLE WITH RUBBER SEALS.
- VERY LOW PRESSURE DROP**
- SOUND ABSORBING MATERIAL CAN RESIST HIGH VELOCITIES WHICH IS COVERED WITH PERFORATED SHEET

ARPL

- **ARPL- PACK LESS** ATTENUATORS
- FIBROUS ACOUSTIC MATERIAL OUT OF THE AIR STREAM.
- EASY TO SANITIZE. SUITABLE FOR CORROSIVE AREAS.
- LOW-PRESSURE DROP-IN MED VELOCITY I.E., 2000 FPM OR LESS. FOR LOW OR HIGH VELOCITY SYSTEMS** PLEASE CONTACT OUR SALES OFFICE FOR DESIGN.

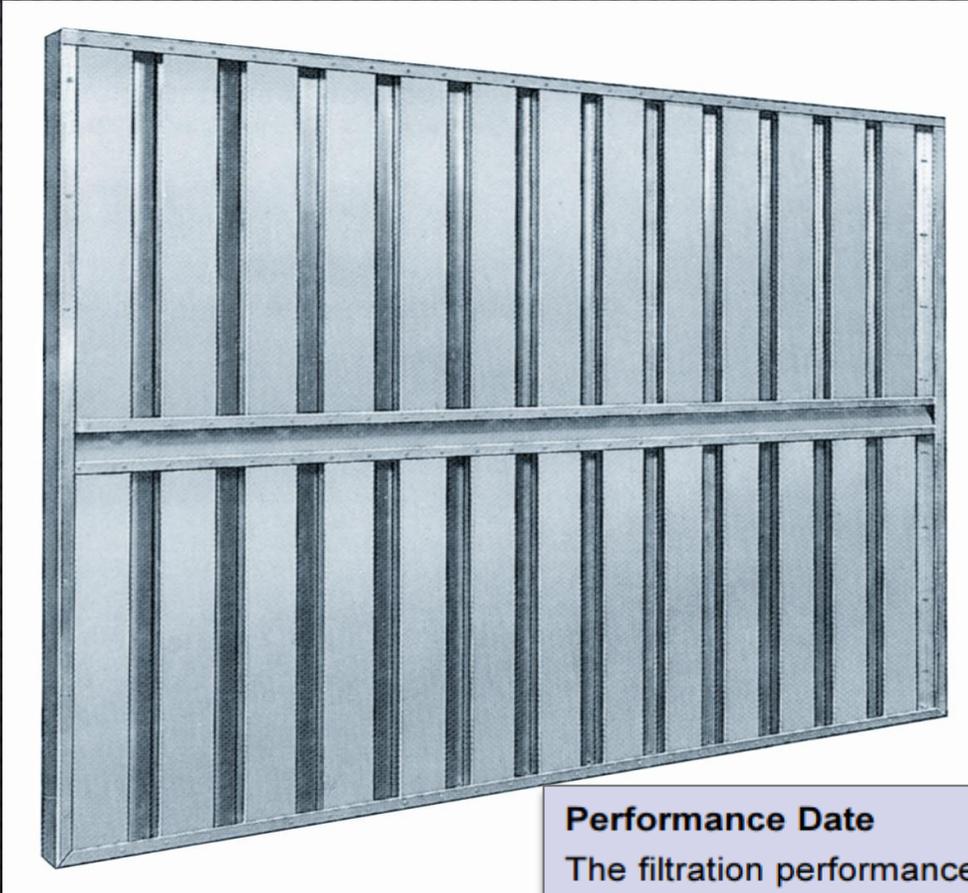
ARBSA

- **ARBSA- SRL CERTIFIED** BEND TYPE ATTENUATORS
- LOW PRESSURE DROPS DUE TO TAPERED SPLITTER
- IT REDUCES INHERENT SOUND GENERATION IN THE SYSTEM DUE TO LOWER AIR VELOCITIES AND PRESSURE SETTING
- AERODYNAMICALLY SHAPED SPLITTERS

SAND TRAP LOUVER



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

DESCRIPTION



SAND TRAP LOUVER



- 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**



Aircoustics

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

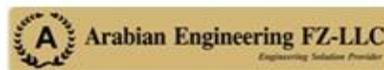
Actuator (Gruner- Germany)

- 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 ($VAV_i = 0.05 * Sensor_j + 0.95 * VAV_i - 1$)

Manufactured by:

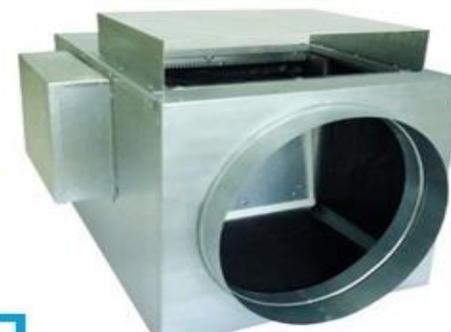


Distributed by:



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

MEP Trading Products

Marketed/Distributed by:



Gruner - Air Products

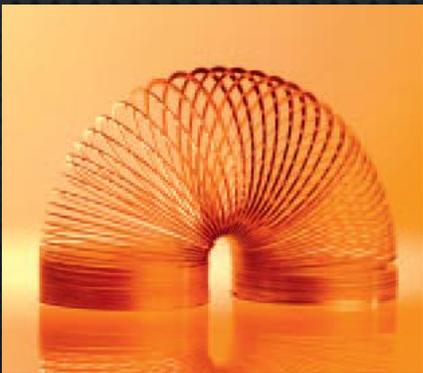
VAV (PI) ACTUATORS/CONTROLLERS



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

- 24 Volt
- Modulating 0-/0 vdc
- PI VAV Actuator
- **LCD display/ self test**
- Standalone/ BAC net
- No gateways required
- 5 Nm to 15 Nm

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)



Marketed/Distributed by:

- 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



AVANTEC
HONG KONG

Excellent Price Range
Fast Delivery



Marketed/Distributed by:





SENSORS & CONTROLLERS

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

Humidity/ Temperature...

Light & Motion

Water Pressure



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

Room Light & Motion - Sensors with Active/ Passive outputs

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

Control Device

Air Quality

Air Pressure



Room Fan-coil Thermostat For 2/4-pipe

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

Air Pressure/Differential/Velocity & 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 3 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- 0-10VDC
- 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

Marketed/Distributed by:

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

Marketed/Distributed by:



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



BE SAFE.

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

Marketed/Distributed by:

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

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



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

Marketed/Distributed by:



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



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



VAX-S-H Axial Smoke Exhaust Fans with Casing

F400



VAN-S-CH Hatch Type Axial Smoke Exhaust Fans

F400



VAN-S-CAS Rotor Type Axial Smoke Exhaust Fans

F400



KV Square Framed Wall Type Fans

DUCT TYPE FANS



VAX-J4 Axial Jet Fans

JET FAN SYSTEMS

F400



VRJ-4 Radial Jet Fans

JET FAN SYSTEMS

F400



VMH Kitchen Exhaust Fans with Casing

FANS WITH CASING



VMH EC Kitchen Exhaust Fans with Casing

FANS WITH CASING



VD-EX Explosion Proof Wall Mounted Axial Fans

EX-PROOF FANS



RKX Duct Type Explosion Proof Fans

EX-PROOF FANS

ARABIAN ENGINEERING FZ-LLC- UAE



CONTROL/STARTER PANELS, SWITCHGEARS, CAPACITOR BANKS, TRANSFORMERS

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



ARABIAN ENGINEERING FZC

Engineering Solutions Provider

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