

Arkan Gostar

Parts supply portfolio



**This is Arkan Gostar 2024
prtfolio**



We

Support

Your Plant &

Internals

Who are we?

Interactive, Moral, Knowledge-based



About Our Services

Arkan Gostar provides air, water, and solid treatment solutions, as well as industrial systems for controlling pollutants and industrial emissions. Additionally, we supply a variety of parts, including instruments, electro-mechanical components, and key equipment. This portfolio is intended to showcase the wide range of industrial parts that we can provide

Our Values

All Our efforts are to be better and faster

Our values are the fundamental principles for our behavior, which act as guides in our all activities. They explain who we are and how we work.

Our value:

- ✓ We believe in positive interaction with the customer, **Together, we win**
- ✓ We build on the diversity of our team, **Arkan Gostar is always stronger than the sum of its components**
- ✓ We welcome new challenges and we make bravedecision, **Create Opportunity for growth**

Our Strategy

This is Arkan Gostar 2024

Customer focus, to deliver the best experience for the customer, we will develop our sales and leadership competences and improve our responsiveness.

Product competitiveness, we work to improve the cost competitiveness of our products by further differentiation through improvements in energy and environmental performances.

By redesigning products, by changing components without compromising on quality, and by searching for lower cost supply alternatives we aim to reduce sourcing costs.

Our people, since we are an expertise-based company, people are our most valuable asset. We are working to create an environment for our people to develop, succeed and find joy in their work. Leadership development is one focus area in our company

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Pressure:



SERIES AT-ADPS ATEX/IECEX APPROVED DIFFERENTIAL PRESSURE SWITCH

The ADPS in Flameproof ATEX/IECEX Enclosure

The Series AT-ADPS ATEX/IECEX Approved Differential Pressure Switch is designed for pressure, vacuum, and differential pressure applications in hazardous areas. The dual scaled adjustment knob in inches water column and Pascals allows changes to the switching pressure to be made without a pressure gage. The switch is available with settings from 0.08 in w.c. (20 Pa) up to 20 in w.c. (5000 Pa). The silicone diaphragm makes this series ideal for use with air and other noncombustible gases. Flameproof enclosures are available in aluminum and can include a glass window for viewing set point status on the adjustment knob.

Important notes for installation:

- Cables must be fitted through 1/2" NPT cable gland or ATEX/IECEX conduit (not supplied with instrument).
- Make sure after cabling to close tight cover and cable gland, in order to maintain IP66 rating.
- Open cover only after de-energizing instrument.

Attention: Check local safety rules and warnings on unit and manual for a correct use of the instrument in hazardous areas.

PRODUCT APPLICATIONS

- Hazardous area pressure switch
- Air filter and ventilator monitoring
- Ventilation duct monitoring
- Industrial cooling circuits
- Fan heater overheating protection
- Fire-protection damper control
- Heat exchanger frost protection

Level:



SERIES CRF2 CAPACITIVE LEVEL TRANSMITTER

Powder, Bulk or Liquids, No-Moving Parts, Excellent Chemical Resistance

The Series CRF2 is a level transmitter providing a two-wire 4 to 20 mA output to indicate level of liquids, powders and bulk materials. State of the art sensing technology in the CRF2, using impulse RF admittance measurement provides excellent accuracy and stability. The CRF2 senses capacitance changes resulting from the height of the material in the tank between the probe and the tank wall. In non-metallic tanks or tanks that do not have the wall parallel to the probe a ground reference must be used.

The CRF2 comes with either a rigid or flexible probe depending on application installation need and probe length required. Featured in the CRF2 is easy push button calibration of zero and span. Custom order the CRF2 to any length probe that you need for your application. FEP covered probe is ideal for use with corrosive media. This technology also provides immunity to external RF sources like walkie-talkies and cell phones as well as minimal interference with radio communication or other electronic systems.

PRODUCT APPLICATIONS

- Pulp and paper processing
- Food and beverage
- Plastics



SERIES CLT CONTINUOUS LEVEL TRANSMITTER

Customize To Fit Application, 316 SS or Buna-N Floats

The Series CLT Continuous Level Transmitter provides up to the minute tank level monitoring with a customized level transmitter. Transmitters can be configured for 4 to 20 mA or proportional voltage output, 316 SS or Buna-N stem and floats, and lengths up to 72" (183 cm).

PRODUCT APPLICATIONS

- General purpose level monitoring
- Low specific gravity applications
- Gas and oil



SERIES ULT ULTRASONIC LEVEL TRANSMITTER

Explosion-Proof, Mapping Software, 3" (76.2 mm) Measuring Column

The Series ULT Ultrasonic Level Transmitter provides non-contact measurement of liquid levels in an explosion-proof body. It is capable of measuring up to 32.8' (10 m) with a PVDF sensor and 4-20 mA output.

PRODUCT APPLICATIONS

- Water and wastewater
- Pulp and paper processing
- Chemical processing
- Food and beverage



MODEL ULSL ULTRASONIC LEVEL SENSOR

18' (5.5 m) Measuring Range, Non-Contact Transmitter, 4 SPST Programmable Relays

The Model ULSL Ultrasonic Level Sensor provides non-contact, continuous ultrasonic level measurement of fluids for tall range applications. It has a 18' (5.5 m) measuring range with a $\pm 0.2\%$ of range accuracy. Ultrasonic technology paired with automatic temperature compensation provides accurate and reliable measurements in almost all conditions. The Model ULSL has failsafe logic that is easily configured to custom applications via free software removing the need for target calibration. Using the free software, the Model ULSL can be programmed to transmit an output signal as well as set the four relays for control applications. This rugged design comes with a NEMA 6P submersible enclosure rating to ensure a long-lasting unit.

PRODUCT APPLICATIONS

- Water and wastewater
- Pulp and paper processing
- Sump and process tanks
- Chemical processing
- Food and beverage

Temperature:



MODEL A-709 TEMPERATURE TRANSMITTER ENCLOSURE

Fits Series 651, 659 and TBU-00 Transmitters

The Model A-709 Temperature Transmitter Enclosure can be used to mount our Series 651, 659 and Model TBU-00 transmitters to any of our 1/4" diameter temperature sensors. The screw on enclosure cover can be quickly removed and has a chain to prevent it from getting lost. The Model A-709 comes with the necessary adapters and fittings for attaching the temperature sensor.

Air Quality:



SERIES AVFS AIR FLOW SWITCH

Monitors Flow in Ducts with Contact Output and Local LED Indication

The Series AVFS Adjustable Air Flow Switch is specifically designed to monitor air flow in ducts and provides a 3 A contact output to indicate a change or loss of flow. The AVFS provides a $\pm 5\%$ set-point repeatability across a full-scale range of 1-10 m/s (197-1969 FPM) and includes a mounting bracket for quick duct mounting.

PRODUCT APPLICATIONS

- Fan monitoring
- Filter monitoring
- Damper feedback
- Air handlers



SERIES CDTR CARBON DIOXIDE/RH/TEMPERATURE TRANSMITTER

NDIR CO2 Sensor, Universal CO2/RH Outputs, Optional Relay

The Series CDTR Carbon Dioxide, Relative Humidity and Temperature Transmitters reduce the number of sensors mounted on a wall or in a duct. By combining CO₂, RH, and temperature in one device, system integrators are able to reduce installation time while lowering material cost at the same time. Like our popular Series CDT Carbon Dioxide Transmitter, a single beam dual wavelength non-dispersive infrared (NDIR) sensor is used to automatically correct the measurement in both occupied* and unoccupied buildings against light source aging effects. In order to achieve the best possible accuracy, the Series CDTR also includes digital barometric pressure adjustment and the ability to field calibrate the sensor. Universal outputs for both carbon dioxide and relative humidity allow users to select the transmitter output to be 4 to 20 mA, 0 to 5 VDC, or 0 to 10 VDC to work with virtually any building management controller. Additionally, passive thermistor or RTD sensor can be ordered for a temperature output. For applications that require visual indication, the wall mount configurations of the Series CDTR can be ordered with an integral LCD display. The display can be configured to display temperature only, relative humidity only, CO₂ only, CO₂ and humidity, or CO₂ and temperature. Push buttons are standard on all configurations of the transmitters for access to the menu structure. To prevent tampering, the action of the buttons can be locked out using an internal jumper selection.

*For buildings occupied 24 hours per day, it is recommended that calibration be verified every 6 to 12 months depending on application.

PRODUCT APPLICATIONS

- Demand control ventilation in schools, office buildings, hospitals, and other indoor environments
- LEED® certification



SERIES CMT200 CARBON MONOXIDE TRANSMITTER

Current/Voltage Selectable Output, 200 PPM Range

The Series CMT200 Carbon Monoxide Transmitter provides a field selectable current or voltage output that is proportional to the gas concentration in underground parking garages, vehicle maintenance facilities, or mechanical rooms. A field replaceable, electrochemical sensor provides accurate readings for up to 4 years with proper calibration. Field calibration can be done by using Model GCK-200CO-2000CO₂ calibration gas, Model A-507A calibration adapter, and the on-board span and zero potentiometers.

PRODUCT APPLICATIONS

- Garage ventilation
- Mechanical room monitoring



SERIES AVUL AIR VELOCITY TRANSMITTER

3% and 5% Models of Reading Accuracy

The Series AVUL Air Velocity Transmitters quickly and accurately measures air velocity or volumetric flow in imperial or metric units. Simultaneous current and voltage outputs on all models provide universal inputs to monitoring equipment while the output range, units, and 0 to 5/10 VDC, 4-20 mA output can be configured via local DIP switches. The optional integral display, or the portable remote display tool, provide a convenient way to locally monitor process values and configure the unit. Models are available in 3% and 5% of reading accuracy models to suit a variety of needs, and the optional BACnet MS/TP or Modbus® RTU/ASCII communication protocol allows units to be daisy-chained while providing access to all of the velocity and flow data, as well as additional information such as air temperature.

PRODUCT APPLICATIONS

- VAV systems
- Building ducts

Flow:



SERIES V6 FLOTECT® MINI-SIZE FLOW SWITCHES

Monitor Flow in 1/2" to 2" (12.70 to 50.80 mm) Pipe, Explosion-Proof, Compact

The Series V6 Flotect® Flow Switch is surprisingly compact, and specifically engineered to monitor liquid, gas, or air flows. Time tested in thousands of pipeline installations and processing plants around the world, this Series is Weatherproof, designed to meet NEMA 4 and Explosion-proof (listing included in specifications). Tees are available for installation in pipelines from 1/2" to 2" (12.70 to 50.80 mm). With bushings added the unit is easily adapted to 1/4" and 3/8" (6.35 and 9.53 mm) piping.

PRODUCT APPLICATIONS

- Protects pumps, motors and other equipment against low or no flow
- Controls sequential operation of pumps
- Automatically starts auxiliary pumps and engines
- Stops liquid cooled engines, machines and processing when coolant flow is interrupted
- Shuts down burner when air flow through heating coil fails
- Controls dampers according to flow
- Signals alarm when emergency shower or eyewash station in use



SERIES DS IN-LINE FLOW SENSORS

Use with the Dwyer® Differential Pressure Gages or Transmitters

The Series DS In-Line Flow Sensors are two Series of averaging Pitot tubes for compatible gases and liquids that provide accurate and convenient flow rate sensing, for schedule 40 pipe, when purchased with suitable differential pressure gage with appropriate range.

The Series DS-300 Averaging Flow Sensors are designed to be inserted in the pipeline through a compression fitting and available for pipe sizes from 1 to 10" (2.5 to 25.4 cm). Accessories include adapters with 1/4" SAE 45° flared ends compatible with hoses supplied with the Model A-471 Portable Capsuhelic® Gage Kit.

The Series DS-400 Averaging Flow Sensors are designed for insertion lengths up to 24" (61 cm) and include a pair of 1/8" NPT x 1/4" SAE 45° flared adapters which are compatible with hoses used in the Model A-471 Portable Capsuhelic® Gage Kit. The supplied solid brass mounting adapter has a 3/4" dia. compression fitting to lock in required insertion length and a 3/4" male NPT thread for mounting in a threaded branch connection (not included).

PRODUCT APPLICATIONS

- Remediation
- Natural, flare, flue, stack gas
- Boiler feedwater
- Cooling water
- Superheated, saturated, or geothermal steam
- Combustion or compressed air
- Oil flow monitoring



SERIES PFT PADDLEWHEEL FLOW SENSOR

Non-Magnetic Sensing, Adjustable for 1-1/2 to 40" (38.1 to 1016 mm) Pipe, Pulse or 4 to 20 mA

The Series PFT Insertion Paddlewheel Flowmeters are used to monitor liquid flow rates in pipes from 1-1/2 to 40" and is available in brass or 316 SS body. The unit outputs a frequency proportional pulsed or 4 to 20 mA output. The pulse models are a square wave output signal with frequency proportional to the flow velocity and the 4 to 20 mA models have a linear output of the velocity with 4 mA equal to 0 ft/s and 20 mA equal to 25 ft/s.

PRODUCT APPLICATIONS

- Irrigation
- Ground water remediation
- Cooling systems
- Pump protection
- Leak detection
- Filtration systems



SERIES GFM GAS MASS FLOW METER

Flow Range Up to 1000 L/min, Pressures Up to 1000 psi, NIST Traceable

Series GFM Gas Mass Flow Meters combine a straight tube sensor with a restrictor flow element to provide high accuracy and repeatability. Flow rates are virtually unaffected by temperature and pressure variations. Actual gas flow is displayed in engineering units on a 3-1/2 digit, 90° tiltable LCD readout. Units can be used with Series GFT Flow Totalizer for applications requiring totalization. Includes a NIST traceable certificate.

Note: These units require a cable, see GFM-CBL4 or GFM-CBL5, depending on your needs.



SERIES SFI-100 & SFI-300 MIDWEST SIGHT FLOW INDICATOR

Inexpensive Protection for Expensive Equipment and Systems

Series 100 and 300 Sight Flow Indicators are manufactured of quality materials and safety tested to assure long, dependable service at economical prices. The 100 and 300 Series offer threaded process connections, viewing windows, and bodies of brass or 316 SS. The 100 type has a single window with a rotating impeller, the 300 type has a double window with a rotating impeller, the 350 type has a double window with no moving indicator, and the 360 type has a double window with a flapper. All the types feature a removable window for easy service and replacement of wearing parts.

AWS Corporation products

Candle filter



FIBERWIND™ type mist eliminators of AWS are specifically made to remove mainly submicron liquid or soluble solid particles from an air or gas stream. They are similar to mesh pad mist eliminators except that the filaments are extremely fine fibers, randomly but very closely spaced.

FIBERWIND™ mist eliminators are installed vertically on a tube sheet either in hanging or standing configuration. Because of the vertical disposition, liquid accumulating on the fibers is moved horizontally through the fiber bed by the drag of the gases and drains by gravity down the downstream side to the bottom of the fiber bed where it is collected and either returned to the process or removed as a waste.

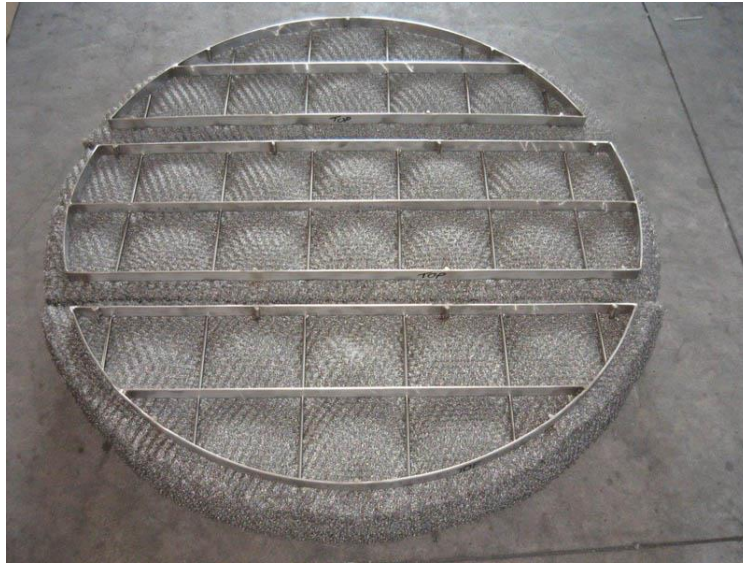
LOV mist eliminator



AWS can contribute to the solution of many pollution control problems caused by oil mist. The lubricated rotating parts of all gas and steam turbines, turbo compressors and vacuum pumps generate a visible oil plume which is to be removed from the air vented to atmosphere. The installation of a simple but very effective mist eliminator on the lube oil vent solves the pollution problem and, by recovering the expensive oil, pays off the mist eliminator cost in a short period of time.

LOV mist eliminator is a modular lube oil mist eliminator system, providing a safe, flexible and economical process for the treatment of lube oil mist. Lube oil mist treatment with a LOV AWS system is achieved through a simple and efficient one stage process. The lube oil mist passes through a Brownian movement candle filter with special fiber that collects oil mist particles.

Demister Pad



STRUCTURED MESH PAD mist eliminators of AWS are made of wires.

The liquid droplets, due to their momentum, impact on the wires and are separated from the gas flow as they are unable to follow the gas streamlines.

STRUCTURED MESH PAD are inertial separators because liquid droplets are removed due to their inertial momentum. Particles which are too small (less than 2-3 micron in diameter) are therefore not to be considered as a good candidate for this type of mist eliminator.

MATERIALS:

PET, PP, ETFE, PFA, Alloy

TOWER INTERNALS



AWS Corporation provides a complete range of services, products and engineered solutions aimed at pollution control, mist elimination and fluids purification systems in several fields of industrial applications.

Columns packed with either random or structured packing must also include several additional key internal components that are necessary for the packing to function.

These internals include vapor and liquid feed distributors, packing support and hold down plates, entrainment separators and liquid draw-off trays, all of which are designed by AWS to suit the specific service requirements.

EQUIPMENT SUPPLY AND INSTALLATION

- LIQUID DISTRIBUTORS
- RANDOM PACKING
- STRUCTURED PACKING
- TRAYS
- SUPPORT GRIDS
- GAS DISTRIBUTION INLET DEVICES

SULZER Products

Separation technology



We develop, design and produce mass transfer equipment and can offer solutions for all your separation problems. Our portfolio includes state-of-the-art products for distillation, absorption, stripping, evaporation, phase separation, liquid-liquid extraction and crystallization.

- ✓ Structured packings
- ✓ Random Packings
- ✓ Column internals
- ✓ Trays
- ✓ Inlet Device
- ✓ Coalescers

Check valves type ABS



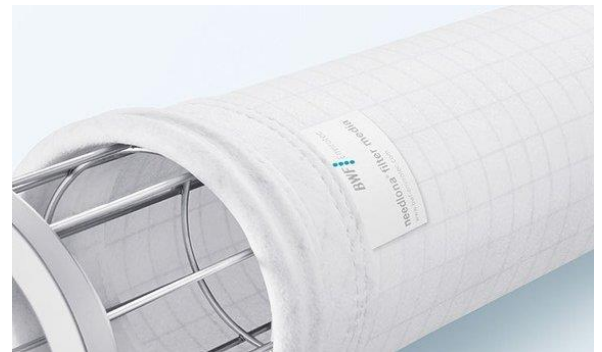
Check valves type ABS are non-return valves made from cast iron or plastic for horizontal or vertical discharge lines in accordance with EN 12050-4.

Ball check valves type ABS are designed for use in drainage and sewer mains. The unique design of a ball check valve allows free movement of the ball while at the same time ensuring a good seal.

The flap check valve is a synthetic non-return valve for use in drainage and wastewater mains. Its two-piece design features a single disc seal that operates on a molded rubber hinge, which when open makes the total diameter of the pipe available for the passage of the medium.

BWF Envirotec Products

Filter Bags



BWF Envirotec designs its filter bags to meet the individual requirements of the given dust removal process. That way customers are assured the best technical solution for their filter systems.

Supply filter bags for a wide range of filter systems and applications, together with the appropriate supporting cages. Filter media and surface finish are designed specifically to match your filtration process.

BWF Envirotec filter bags stand for unsurpassed filtration performance. They are characterized by very low emission values. Excellent mechanical, thermal and chemical resistances, as well as easy cleaning are further advantages.

Goorui Blowers

Customized Explosion Proof Side Channel Ring Blowers with ATEX motors

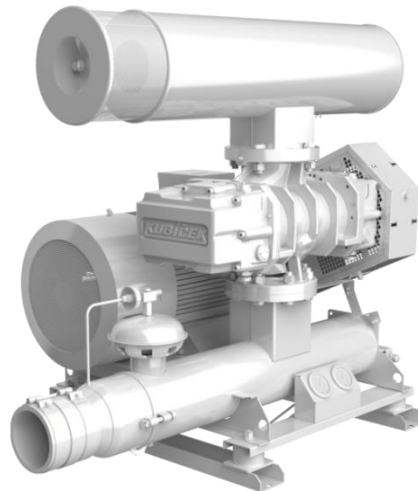


Goorui Side Channel Blowers, also known as Regenerative Blowers / Vortex Blowers / Ring Blowers / Turbine Blowers, are designed for all areas where pulsation-free vacuum and pressure services are required. Units may be installed horizontally or vertically. The die-cast Aluminum construction makes this a very robust product. Sealed-for-life bearings, a fan-cooled drive and a non-contact impeller all ensure that the Goorui Side Channel Blowers are maintenance-free. Goorui Side Channel Blowers are exceptionally environment-friendly, as they require no operating fluids. An internal silencer allows the Goorui Side Channel Blowers to run very quietly, whilst the drive has energy-efficient motors. Special Anti-Corrosion blowers for highly corrosive environments & Anti-Explosion blowers for highly explosive environments are also available.

We develop jointly with you a solution tailored precisely to your application case – quickly, flexibly and reliably.

Kubicek Blowers

Roots Blowers



manufacturer and supplier of blowers for a wide range of applications. Kubicek Blowers, as a source of low-pressure compressed air, are used in a very wide range of fields – from water management, through industry and construction, to agriculture, food, and many other industries.

Main advantages the overall concept of the unit arrangement is designed with emphasis on maximum reliability and functionality, easy inspection, maintenance and accessibility of individual parts of the unit even in the acoustic cover.

- Low operating costs
- Easy operation
- Optimized rotor and housing shape that significantly reduces pulsations
- Easy access to all service points thanks to opening or removable panels
- Safety – we supply safety or combined membrane valves and backflow valves of our own production as standard, these ensure maximum protection and precision of the blower operation
- Minimum built-up area
- Low noise thanks to special design of combined discharge silencer
- Long life
- Extra fast warranty and post-warranty service

There is no Last Step!

**We Support
Your Plant**

Every time, everywhere.

Just Contact Us

Saturday to Thursday, 7 to 19

Start from Here

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