



Aereon works across the entire oil and gas supply chain to significantly reduce net greenhouse gas emissions through advanced gas and vapor handling solutions helping customers to meet their goals of achieving climate neutrality by 2050.

Aereon offers a full suite of equipment, including combustion and recovery systems, designed to meet the most stringent air quality and safety regulations. By providing tailored, cutting-edge solutions, they empower their clients to minimise environmental impact while optimising operational efficiency and maintaining regulatory compliance.

Today, Aereon services over 45 countries around the world with key operational centres in the United States, Canada, Italy, the United Arab Emirates and Australia. Its global presence gives customers access to a broad product line and service capabilities for the upstream, midstream and downstream markets.

Its mission is to provide advanced, cost-effective and environmentally conscious solutions to the oil and gas industry.

Products

Gas Compression and Vapor Recovery Units

Since 1980, Aereon has designed, manufactured and serviced vapor recovery units (VRUs). Aereon is the number one name in the design, manufacture and services of VRUs for liquid loading operations and vent gas management. Its branded VRUs recover a variety of VOCs in truck, rail, marine and tank breathing applications, as well as in oil and gas production.



Benefits

- ◆ Patented energy saving & recovered product measurement devices
- ◆ Patented auto tuned vent & regeneration valves
- ◆ Patented return pump variable frequency drive level control - prevents gasoline spills
- ◆ Complete HMI control of all components & set points
- ◆ Skid mounted system; shipped and installed as 4 major components

Standard Features

- ◆ All vent valves and regeneration valves are auto timer tuned by the PLC
- ◆ All PLC shutdowns are tabularised and stored
- ◆ Electrical equipment built to local standards
- ◆ Allen Bradley controls and drives
- ◆ Variable speed drive absorbent return pump
- ◆ Wonderware HMI package

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Wellhead Gas Compression System

Aereon offers its own WILDCAT natural gas compression systems for wellhead applications as rental or lease equipment. Through testing, they can identify flow improvement up front and determine the appropriate standard system for all gas compression and budgetary needs.

Aereon's gas compression systems have been used successfully for many years. Systems installed on coal bed methane wells, gas wells and oil wells have generated increases in sustained production with an average payback of less than three months. Customers have typically seen production increases between 50 and 200%.

Enclosed Combustion Systems

Enclosed combustion systems are designed to safely burn vapors, control airflow and help reduce fuel costs while operating in a temperature-controlled chamber which improves destruction efficiency and eliminates visible flames. Aereon offers vapor combustion units (VCUs), patented ultra-low emissions devices and several types of thermal oxidisers.

Thermal Oxidation-Incineration Systems

A complete product line of thermal oxidation and incineration systems is available including direct-fired, recuperative, regenerative, catalytic, tail gas and halogenated thermal oxidizers. Aereon uses only the best quality components and materials for all of its thermal oxidizers and incinerators to help eliminate unnecessary downtime and to maximize the life of the product.

Ultra-low Emission Systems

Aereon's complete product line of ultra-Low emission burners utilise proprietary premixed surface combustion technology to burn VOC-laden waste gases. Compact footprint, simple installation, easy maintenance and very low life cycle/operational costs make its ultra-low emission burners suitable for every type of application from continuous and discontinuous operation to emergency back-up of other equipment.

Enclosed Vapor Combustion Systems

The complete product line of enclosed vapor combustion systems includes marine loading, rail/truck loading, vapor combustors, Quad O designed enclosed combustors, and fully enclosed flares.

Aereon only uses the best quality components and materials for all of its vapor combustion systems to help eliminate unnecessary downtime and to maximize the life of the product.

With expert combustion design capabilities and global manufacturing and service, Aereon designs and builds the most appropriate system to improve efficiency and increase output.

Flare Systems

Aereon has one of the broadest offerings of flare systems in the industry. The company designs, manufactures, installs and services flare systems, providing customers with the right solutions from start to finish. Its global presence gives customers access to a broad product line and service capabilities for onshore and offshore flares, ground flares, liquid burners, ignition systems and pilots.

Onshore & Offshore Flares

From utility flares to steam-assist flares, Aereon provides a comprehensive package for some of the most common flares as well as those designed to dispose of heavier hydrocarbon gases.

Ground Flares & Liquid Burners

Aereon's breadth of ground flares and liquid burners provides excellent options for various onshore and offshore applications.

Ignition Systems & Pilots

Innovative, reliable ignition systems and pilots with an ease of use and a proven record are available.

Combustion Equipment Accessories

Aereon's line of combustion equipment accessories provide reliability, durability and rapid response time.



Dawcul is the exclusive authorised representative for Aereon in a number of Eastern European Countries. For more information please contact your local regional representative.



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