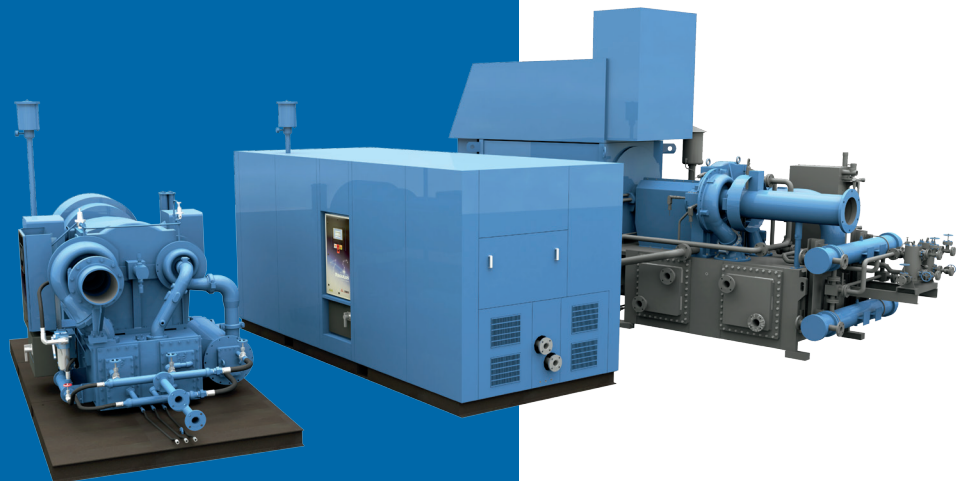




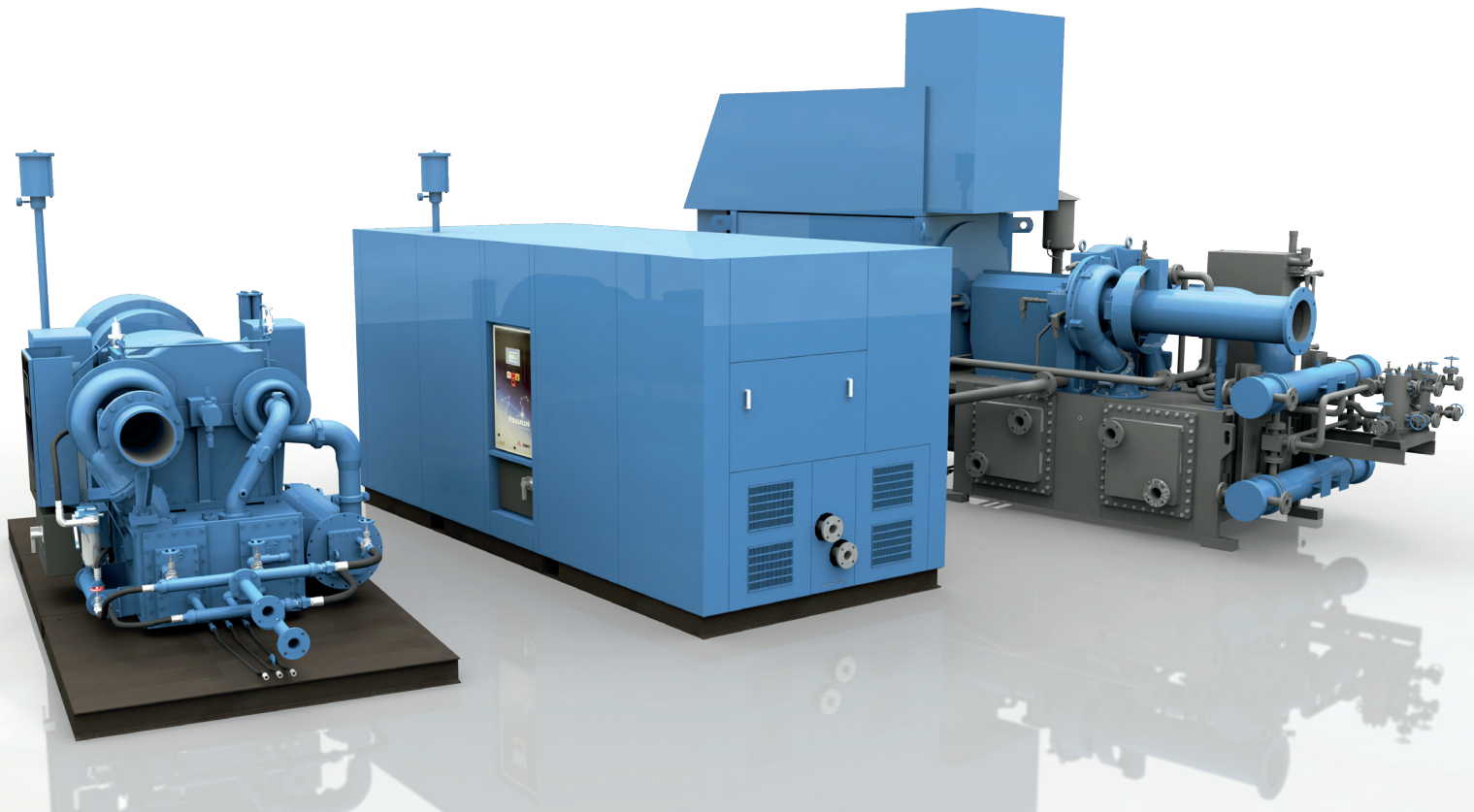
FS-Elliott At A Glance



Quality, Innovation & Value

FS-Elliott Co., LLC is a leading manufacturer of oil-free centrifugal air and gas compressors with sales, service, and manufacturing locations around the world. First introduced to the market over 50 years ago, our energy-efficient compressors incorporate the latest aerodynamic and control system technologies to ensure optimum performance. FS-Elliott offers a complete line of integrally geared centrifugal compressor packages:

- **Standard Packages** offer an advanced aerodynamic design in an economical package.
- **Engineered Packages** are custom designed to fit your individual needs. Basic package includes an air compressor, driver, heat exchangers, controls, and lubrication system. May be extended to include air dryers, aftercoolers, separators, closed-loop cooling-water system, pulse jet air filtration systems, and off-skid lubrication systems.
- **Industrial Gas Compressors** are a highly efficient solution for air separation.



Product Features

1. Carbon Ring Shaft Seal

Technology the result of years of operational experience.

2. Pinion and Impeller Assemblies

A shaft seal located at each impeller seals oil in the gearbox and out of the compression chamber.

3. Bull Gear Bearings Horizontally split for easy inspection and maintenance. The combination flat-land thrust bearings and sleeve journal bearings are made of steel with babbitt lining.

4. Helical Bull Gear

High-precision AGMA Quality 13/ISO 1328.2 Grade 4 to minimize noise and vibration. The bull gear drives pinions with mounted impellers.

5. Self-Centering, Horizontally Split Tilt or Flex Pad Journal Bearings

Support rotors provide the best stability through the entire operating range of loads and temperatures.

Markets & Industries Served

- Air Separation
- Automotive
- Chemical/Petrochemical
- Electronics
- Food & Beverage
- General Industry
- Glass
- Government/Military
- Manufacturing
- Medical/Hospital
- Metals
- Mining
- Oil & Gas
- Pharmaceutical
- Plastics
- Pulp & Paper
- Refining
- Rubber
- Ship Building
- Snow Making
- Textiles
- Transportation
- Utilities
- And more



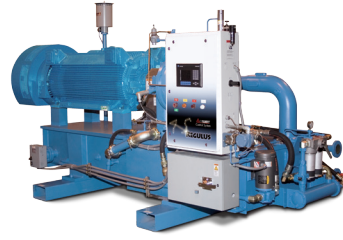
Product Portfolio

POLARIS
AIR COMPRESSOR



P-300

900-2,090 ICFM (25-59 m³/min)
250-450 HP (186-336 kW)
45-150 PSIG (3.1-10.3 BARG)



P-400

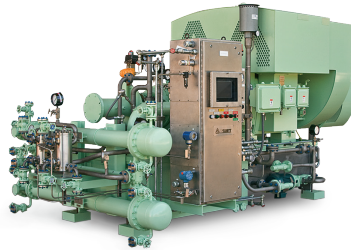
1,600-3,350 ICFM (45-95 m³/min)
400-700 HP (298-522 kW)
45-150 PSIG (3.1-10.3 BARG)



P-500

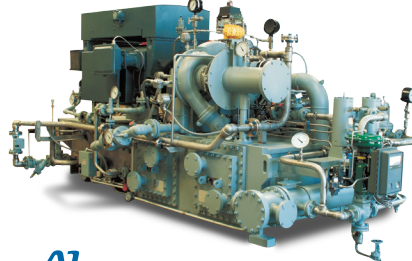
2,600-4,500 ICFM (74-127 m³/min)
600-1,000 HP (447-746 kW)
45-150 PSIG (3.1-10.3 BARG)

PAP PLUS
PLANT AIR PACKAGE



S1

900-2,200 ICFM (25-59 m³/min)
250-450 HP (186-336 kW)
45-150 PSIG (3.1-10.3 BARG)



A1

1,500-3,400 ICFM (42-96 m³/min)
350-700 HP (260-520 kW)
45-150 PSIG (3.1-10.3 BARG)



BH

3,500-5,700 ICFM (94-162 m³/min)
800-1,250 HP (597-932 kW)
45-150 PSIG (3.1-10.3 BARG)

REGULUS
CONTROL
PANEL



R-150

Standard Industrial Controller
Meets Industrial Use Requirements



R-200

Enhanced Industrial Controller
Meets Industrial Use Requirements
Enhanced Options



R-300

Engineered PLC Controller
Siemens or Allen Bradley
PLC available

ARIES
DESICCANT
DRYER



BP

Blower Purge
40-5,400 SCFM



H

Externally Heated
300-3,200 SCFM



HL

Heatless
40-5,400 SCFM



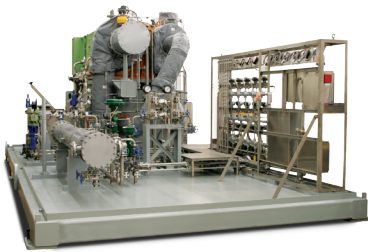
P-600

4,000-6,500 ICFM (113-184 m³/min)
700-1,500 HP (522-1,119 kW)
45-150 PSIG (3.1-10.3 BARG)



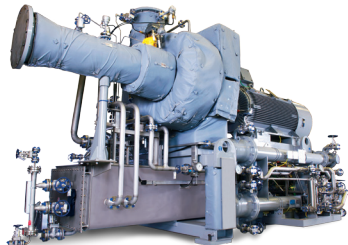
P-700

6,000-11,500 ICFM (170-326 m³/min)
1,250-3,000 HP (932-2,240 kW)
45-150 PSIG (3.1-10.3 BARG)



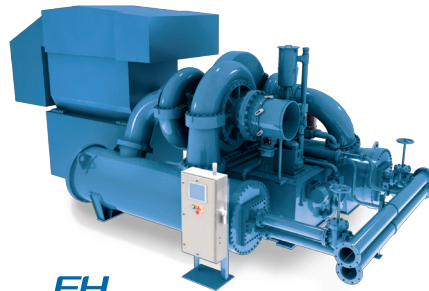
CH

5,500-11,000 ICFM (156-312 m³/min)
1,000-2,000 HP (746-1,492 kW)
45-150 PSIG (3.1-10.3 BARG)



D

10,000-18,000 ICFM (283-510 m³/min)
2,000-4,000 HP (1,492-2,980 kW)
45-150 PSIG (3.1-10.3 BARG)



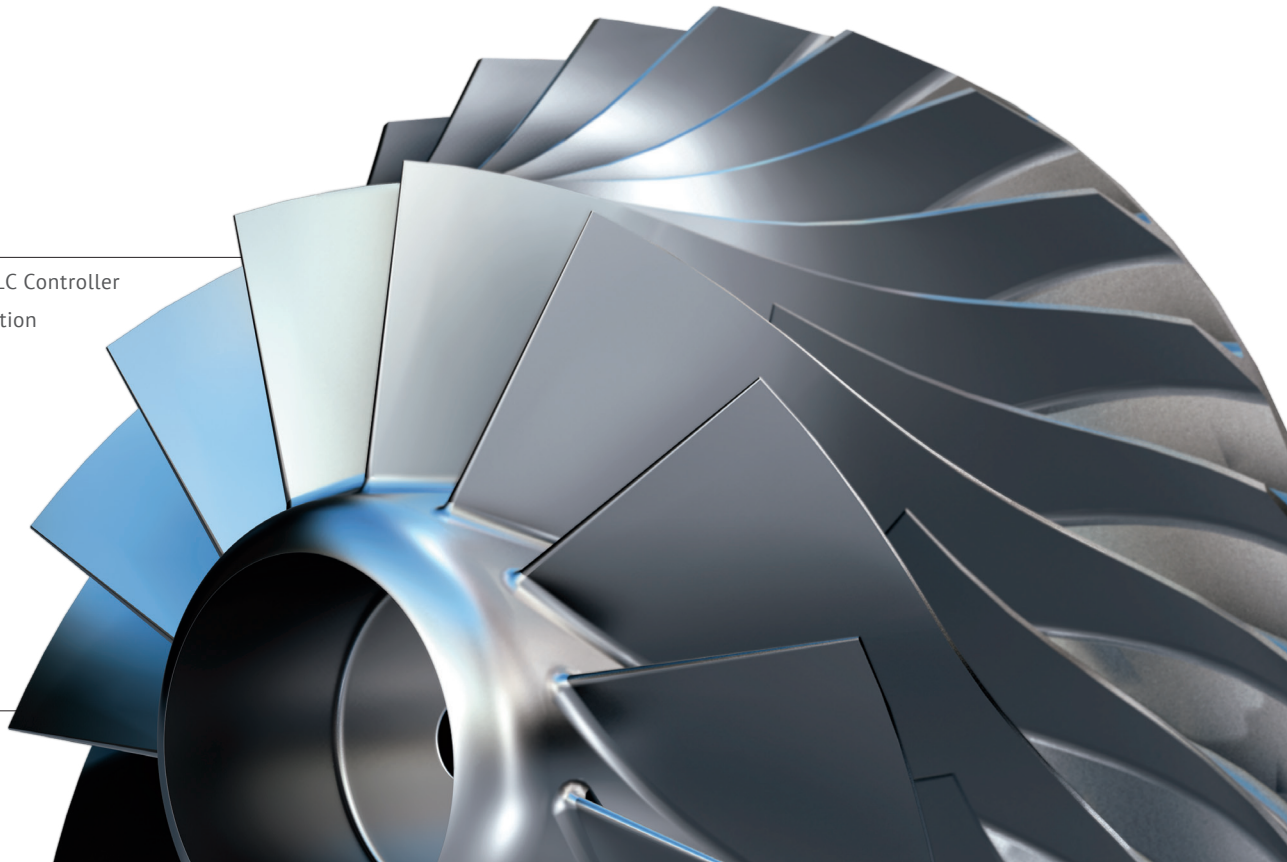
EH

15,000-24,500 ICFM (439-695 m³/min)
1,600-4,500 HP (1,200-3,400 kW)
Up to 350 PSIG (23.1 BARG)



R-400

Enhanced Engineered PLC Controller
Fully Customizable Solution
Redundant Solutions





Headquarters—Export, Pennsylvania, USA
Basingstoke, United Kingdom
Houston, Texas, USA
Jubail, Kingdom of Saudi Arabia
Los Angeles, California, USA
Mangalore, India
Shanghai, China
Taipei, Taiwan

Building on a 50-year tradition of excellence in compressor design and manufacturing, FS-Elliott brings our customers the resources of a global industry leader along with the convenience and responsiveness of local sales and service. Thousands of reliable, hard-working FS-Elliott compressors are installed worldwide.

FS-Elliott Co., LLC

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www.fs-elliott.com

Represented by:



ISO 9001-certified
for the design and
manufacture of centrifugal
compressors.

FS-Elliott Co., LLC reserves the right to modify the design or construction of the equipment described in this brochure and to furnish it, as altered, without further reference to the illustrations or information contained herein.

Bulletin FSP79-813

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