

P650 DF

Industrial Air Compressors

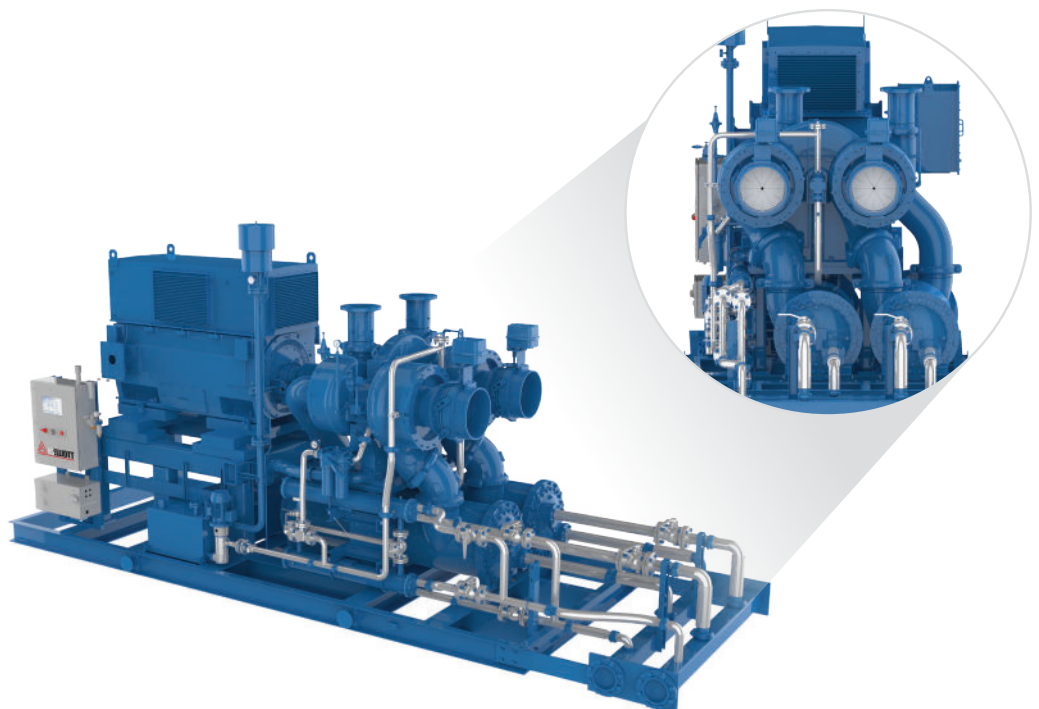
Compact, Double-Flow Performance That's FS-Elliott Engineered

Building on over 60 years of oil-free air expertise and a legacy rooted in API design principles, the new P650 DF expands the Polaris® product line with the innovative dual-inlet configuration.

Engineered to deliver ISO 8573-1 Class 0 oil-free air with superior energy efficiency and reliability, the P650 DF offers a cost-effective solution for large-flow, low-pressure applications—all within the same compact footprint as the current P650. In order to maximize performance, the dual air paths are configured in parallel while the combined discharge enables easy connection to any compressed air system. The integrated Regulus R2000 control panel ensures the same simplified, worry-free operation as on all Polaris products.

Typical Applications:

- Biofermentation
- Chemical Production
- Industrial Gases Main Air Compressor (MAC)
- Petrochemical & Refinery
- Pneumatic Conveying
- Water Treatment



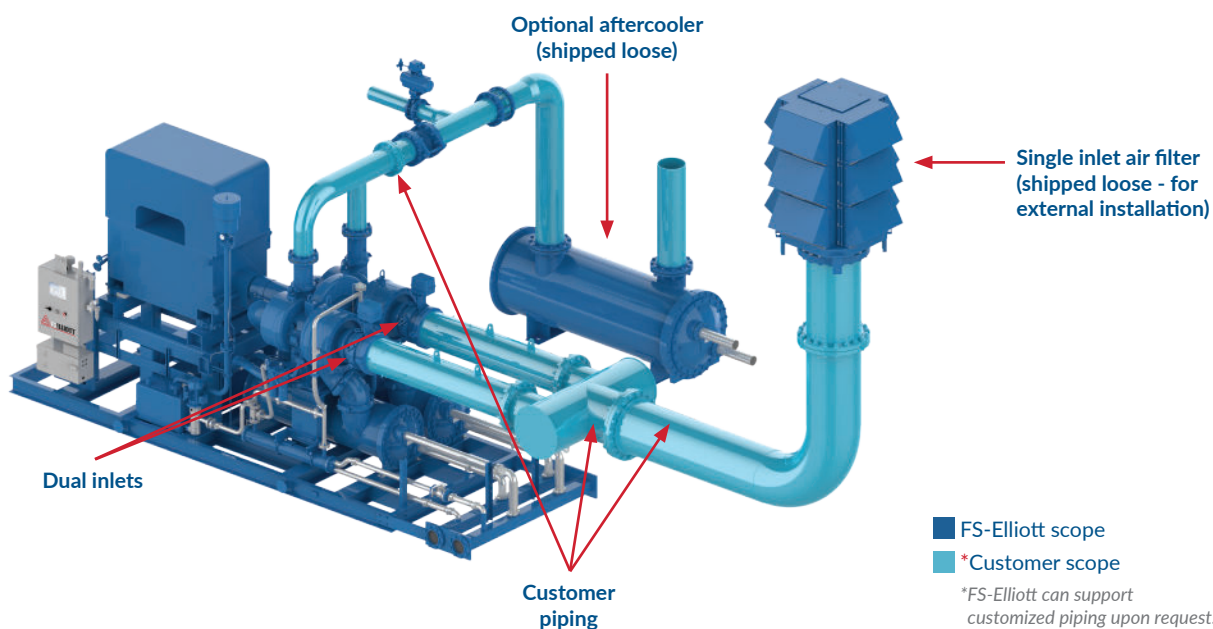
P650 DF

Built for Reliability, Designed for Easy Maintenance

- Split gear case design enables internal airend checks and maintenance without disassembling the air piping.
- Split bearing and seal design for quick maintenance without rotor removal.
- Compact footprint simplifies shipment in standard containers.
- Standard Polaris warranty includes 2-year bumper-to-bumper coverage and an optional SteadiAIR® extended warranty program.
- Plug-and-play design includes a large, touchscreen HMI for easy installation and operation.
- PLC-based control system with Siemens or Allen Bradley platform available with popular instrumentation and communication options.
- OEM-authorized commissioning and service support from factory-trained local channel partners offering priority response.

Product Range

Flow Range	10,000 – 20,000 cfm	280 – 560 m ³ /min
Power Range	1,500 – 2,850 HP	1,120 – 2,150 kW
Pressure Range	30 – 50 PSIG	2.1 – 3.5 BarG



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

