OIL FREE AIR BOOSTERS

When your plant air pressure isn't enough, call Hycomp.

Performance Under Pressure™

CAPABILITIES

Standard Models up to 1200
Limited models to 3000 psig available
Up to 100 HP
1, 2 and 3 stage units available
Flows to 500 scfm

BENEFITS

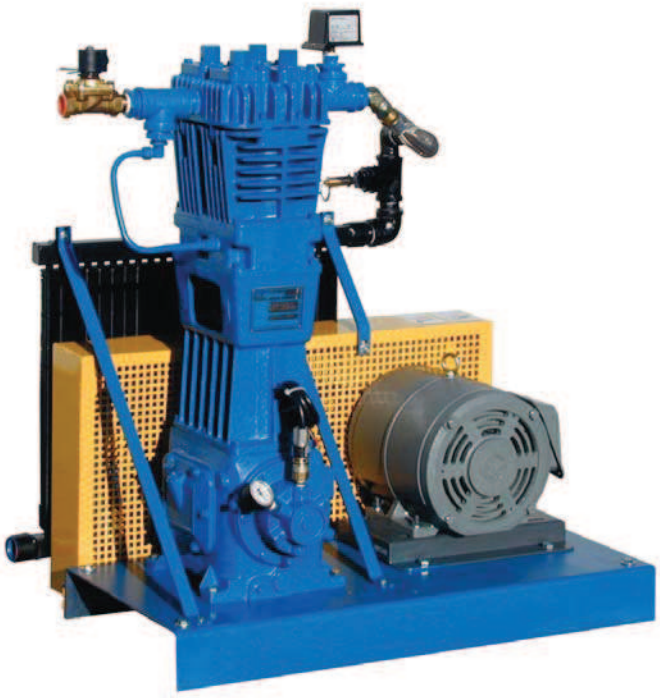
- **MODULAR DESIGN:** allows for interchangeability of bore sizes and strokes, giving a wide range of capabilities with limited expense
- No air loss through booster, all air into the booster comes out of the booster
- Air and water cooling available
- Pressure lubricated lower end for long bearing life, utilizing oversized bearings
- Oil Free upper end prevents the addition of oil vapor to the air stream and subsequent cleanup & removal
- Vertical crosshead design ensures oil free compression, and removes side thrust from piston rings for longer ring life
- Oversized intercoolers on multi-stage units ensure cool gas to the second and third stages
- Thick cast iron cylinders and heads decrease warpage and provide vibration dampening
- Large, low lift stainless steel valves give longer life and higher efficiencies, and are quickly accessible without removing the cylinder head
- Gas packings are full floating segmented type, for extra long life and positive sealing
- Piston rings are of extra thick, engineered polymers designed for specific applications
- Units are performance tested at the factory with minimum four hour test time, including simulation of customer specific conditions

Efficient
no air loss
REDUCED ENERGY COSTS

Trust... it's what we build.
Quality Compressors Since 1969.

60 West 3800 North, Hyde Park, UT 84318, USA **ph:** 435.563.3695 **fax:** 435.563.3762 www.hycompusa.com

MODEL AN26C-B201	**INLET PRESSURE** 95 psig
GAS Air, -40F PDP	**DISCHARGE PRESSURE** 150 psig
CAPACITY 109 scfm	**INSTALLATION LOCATION** New York, NY, USA



THE USER

A United States Postal Service mail sorting center.

THE APPLICATION

An expansion with new mail sorting equipment required higher-pressure air than the older sorting machines.

THE PROBLEM

Space was limited and as with all government installations, the units needed to be as efficient as possible. Oil contamination was not acceptable in mail sorting equipment.

THE SOLUTION

A pair of Hycomp Oil Free Air Boosters were chosen rather than multiple high pressure air compressors, as the Hycomp Boosters were physically smaller and required less horsepower. The sorting center already had plant air at 100 psig, and the Hycomp single stage air cooled Air Boosters required less horsepower and took up less than half the space required by an air compressor of equivalent capacity. Additionally, the sound output was below that of the equivalent air compressor, requiring no additional sound-proofing.

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