



## DS081 Odyssey Air and Nitrogen Booster

### Trust, It's What We Build

Trust Hycomp's Odyssey line of Oil-Free Air and Nitrogen boosters for your critical project needs. Designed to prevent contamination and losses of the gas stream, these units provide worry free operation and a 20+ year life expectancy.



**100% Oil-Free Gas Stream**

**ISO 8573-1 Compliance  
Eliminates Risk to Product  
and Equipment**

**Durable Cast Iron and  
Steel Construction**

**24 Hour Duty Cycle**

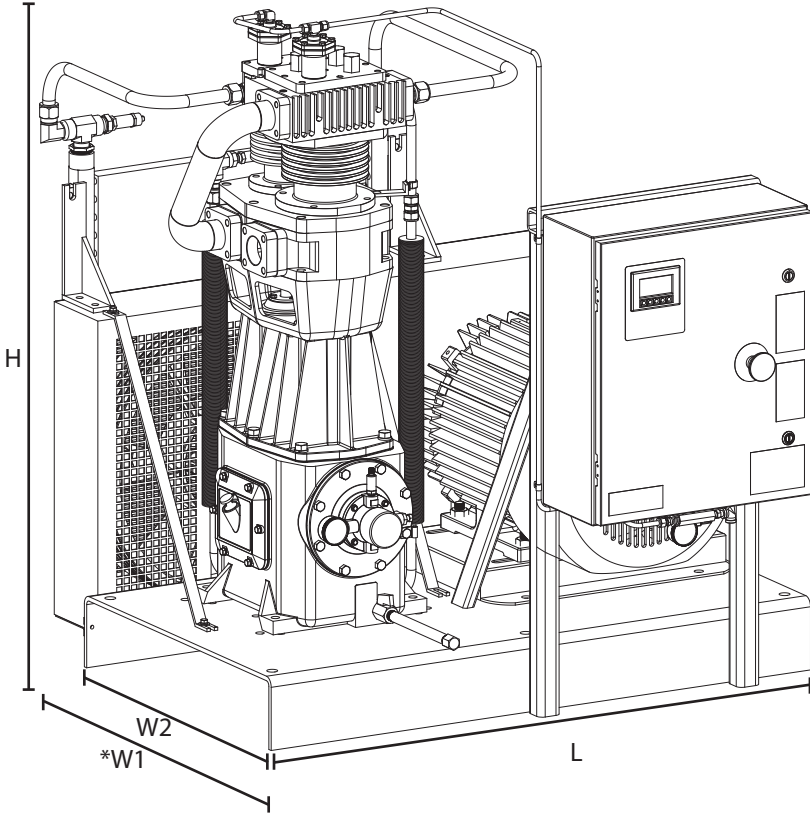
**Simple Annual  
Maintenance**

**24 Hour Live Tech  
Support**

**Made in the USA**

**The Compressor So Reliable, You'll Forget It's There**

# DS081 Odyssey Air and Gas Booster



\*Includes front control panel and rear belt guard assembly

## Capacity

Suction Pressure (PSIG)	Discharge Pressure (PSIG)	Minimum Flow (SCFH)	25 HP Maximum Flow (SCFH)	30 HP Maximum Flow (SCFH)	40 HP Maximum Flow (SCFH)
70	300	3,460	5,990	NA	NA
70	400	3,340	5,010	5,780	NA
70	450	3,280	4,680	5,300	5,680
70	500	3,230	4,350	5,220	5,590
70	600	3,130	3,970	4,690	5,410
80	300	3,920	6,330	6,790	NA
80	400	3,790	5,410	6,570	NA
80	450	3,740	5,030	6,040	6,470
80	500	3,680	4,680	5,520	6,370
80	550	3,630	4,470	5,170	6,280
90	400	4,260	5,890	6,870	7,360
90	450	4,200	5,320	6,300	7,260
90	500	4,140	5,090	5,890	7,170
90	550	4,080	4,710	5,650	7,060
100	400	4,710	6,340	7,610	8,160
100	450	4,650	5,730	6,980	8,050
100	500	4,590	5,310	6,360	7,950

Table based on 80F suction temperature at sea level. Cooling fan option may be required to reach maximum flow. Contact Hycomp for specific capacity at given conditions.

To ensure we are constantly improving, Hycomp reserves the right to make changes without prior notification.

## Dimensions

Length:	56"
Overall Width (*W1):	54"
Skid Width (W2):	30"
Height:	58"
Estimated Weight:	2000 lbs
Estimated Shipping Weight:	2450 lbs
Suction (FNPT):	2"
Discharge (FNPT):	3/4"
Instrument Ports (FNPT):	1/4"

## Technical Specifications

Bore:	4.50" x 2.75"
Stroke:	4.00"
No. of Stages:	2
No. of Cylinders:	2
Cooling:	Air
Controls:	PLC Touch Screen Interface
Compressor Model:	2AN22E

## Utility Requirements

Power (25 HP):	460/3/60	34.3 FLA
Power (30 HP):	460/3/60	41.3 FLA
Power (40 HP):	460/3/60	53.5 FLA

## Additional Options

- Auxiliary Cooling Fan
- Cold Weather Packaging
- Duplex Programming
- Multiple Voltages
- Modbus Gateway
- Moisture Separators
- DSi Install Kit Includes:
  - Filters
  - Regulator
  - Tanks
  - Flex Hoses