



## Odyssey Easy-Install

### Trust, It's What We Build

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



The Odyssey Easy-install Package is a simple add-on that provides the user with everything needed for a turnkey installation.

**Reduces Installation Costs**

**Reduces Maintenance Costs**

**Ensures Proper Installation**

**Extends Booster Life**

**Fewer Load / Unload Cycles**

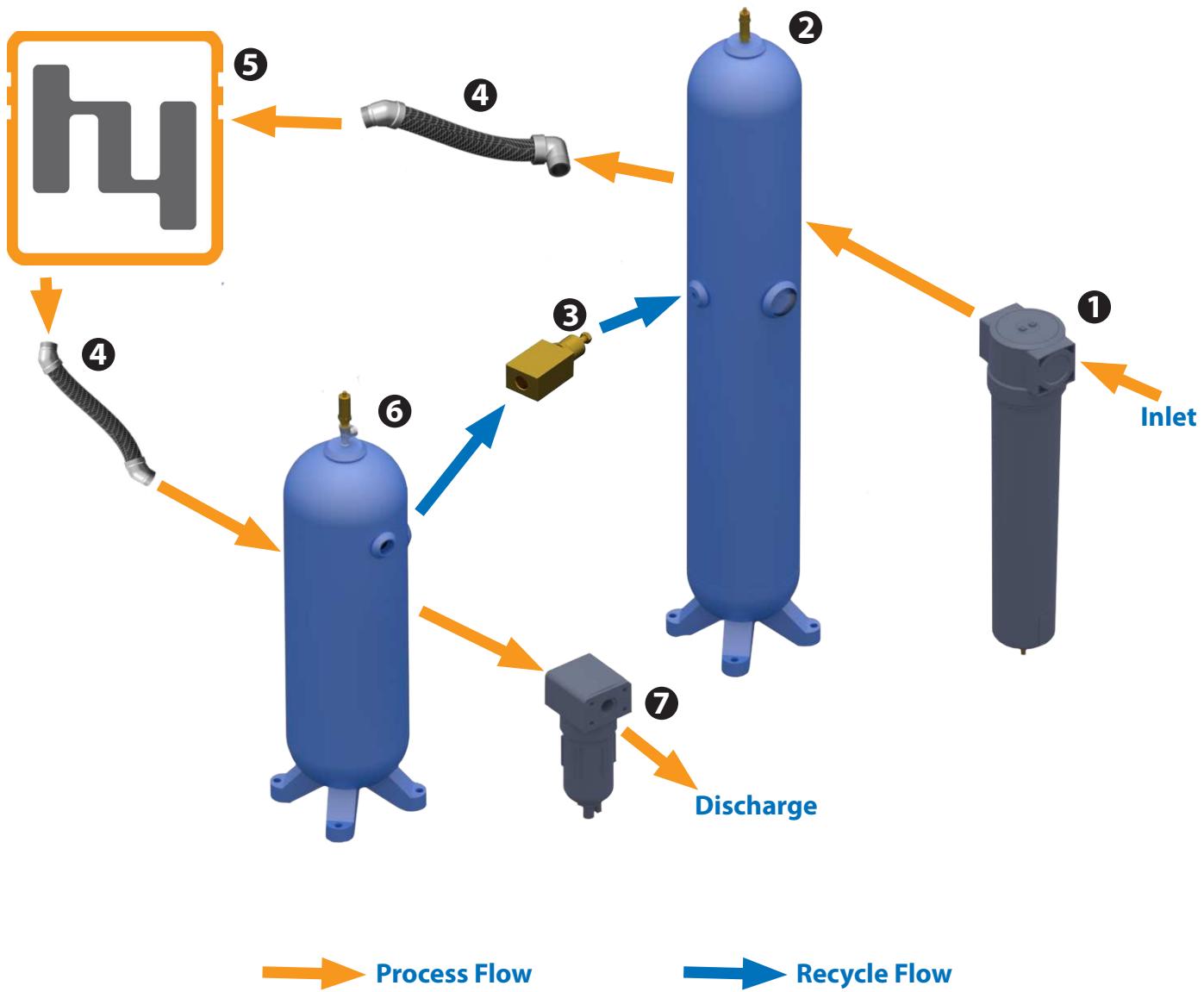
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**Made in the USA**

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

# Odyssey Easy-Install Process Flow Diagram



## 1 Inlet Filter

The inlet filter is properly selected for pulsating flow, and ensures the booster is provided with air/nitrogen free of debris for long ring and valve life.

## 2 Inlet Tank

The inlet receiver reduces pulsations upstream of the booster, ensuring safe, reliable operation of the booster and ensuring a long life of the inlet filter. All necessary instrumentation is pre-fitted, wired and plumbed to ease site installation

## 3 Adjustable Recycle Valve

The recycle valve eliminates the need for large and expensive storage vessels, and provides 0 - 100% flow capacity on demand by recirculating excess compressed gas back through the booster.

## 4 Flexhoses

The flexhoses allow for easy and safe connection between the Odyssey DSi and the Hycomp booster.

## 5 Hycomp Booster

Hycomp's continuous duty, oil-free booster is at the heart of our systems, providing a safe and reliable solution to delivering clean, oil-free air/nitrogen.

## 6 Discharge Tank

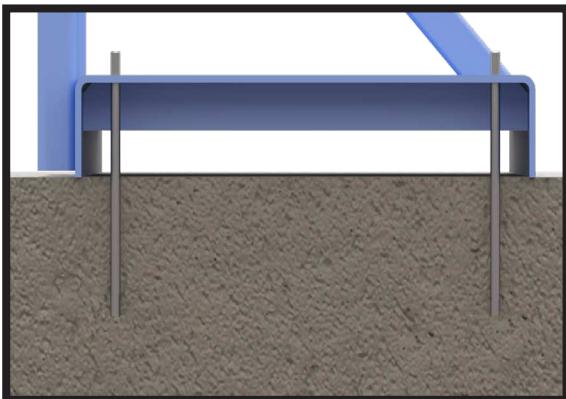
The discharge receiver reduces pulsations downstream of the booster, ensuring safe, reliable operation of all downstream components. All necessary instrumentation is pre-fitted, wired and plumbed to ease site installation.

## 7 Discharge Filter

Provides added protection to the user's downstream equipment. Properly sized to ensure adequate flow.

# Odyssey Easy-Install Installation

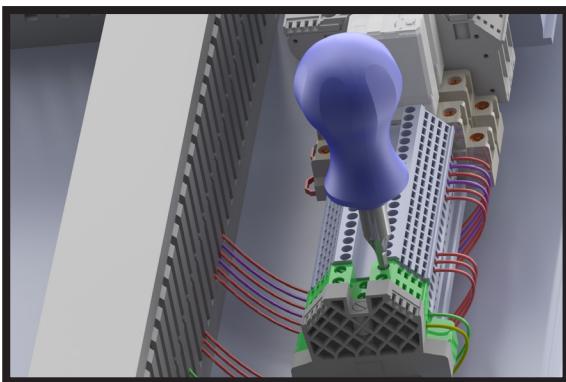
## Step 1: Mount the Skid on a Foundation



## Step 2: Connect Inlet / Discharge Flexhoses



## Step 3: Wire to the Control Panel



## Step 4: Enjoy the Benefits of the Odyssey DSi



# Odyssey Easy-Install Benefits

## Bulletproof Installation

The Odyssey DSi Easy-Install greatly reduces the potential for installation errors and incorrect component selection by providing the user with everything needed to ensure a successful turnkey installation. Provided is the plumbing and wiring to connect the suction and discharge to an existing Hycomp booster. Inclusion of Hycomp recommended components, pre-assembled at our facility, ensures a bulletproof installation solution at a lower cost.

## Reduced Maintenance Costs

The DSi Easy-Install provides protection of equipment with Hycomp specified filters. Inclusion of an inlet filter provides an extra barrier between supplied air/nitrogen and the Hycomp booster. Limiting the amount of debris entering the booster reduces wear and tear on internal components and results in lowered maintenance costs.

## Extended Booster Life

The innovative recycle line featured in the DSi Easy-Install is used to recirculate excess compressed air/nitrogen back through the booster. This results in fewer load/unload cycles, which extends the life of the booster.

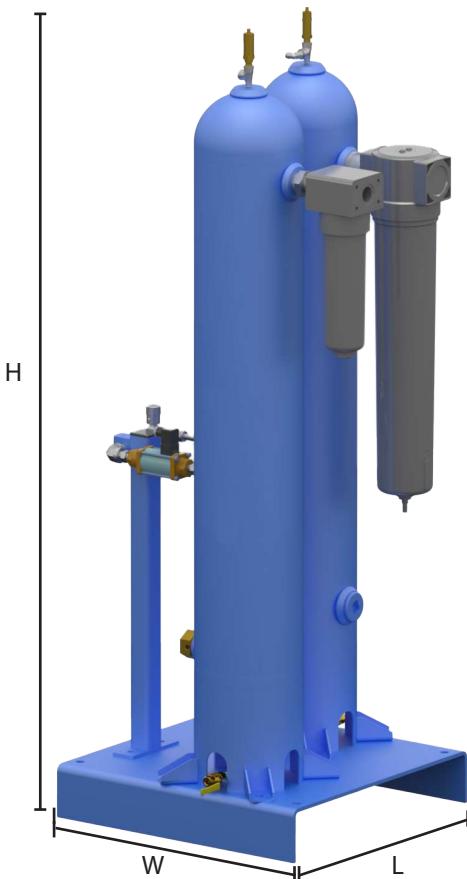
## Reduces Space Requirements

Recirculation of excess gas also eliminates the need for large and expensive storage vessels, giving the user a better value on the space used in their facility.

## Made in the USA

Every system we build is manufactured at our plant in Utah. Replacement parts are stocked on our shelves and available for next day delivery. Our US base means there are no costly delays waiting for parts or setups from overseas.

# Odyssey Easy-Install Option



## Technical Information

	DSi-1	DSi-2	DSi-3	DSi-4**	DSi-5	DSi-6
<b>Compatible Odyssey Models</b>	DS012, DS015, DS026, DS033	DS044	DS060, DS087	DS081	DS133	DS192, DS303
<b>Inlet Tank Volume (gallons)***</b>	10	10	10	10	30	30
<b>Discharge Tank Volume (gallons)***</b>	10	10	10	10	30	30
<b>Max Inlet Pressure</b>	150 MAWP	150 MAWP	150 MAWP	150 MAWP	135 MAWP	135 MAWP
<b>Max Discharge Pressure</b>	600 MAWP*	600 MAWP*	600 MAWP*	600 MAWP*	600 MAWP*	400 MAWP*
<b>Inlet Size (FNPT)</b>	1"	1"	2"	2"	2"	2"
<b>Discharge Size (FNPT)</b>	1/2"	3/4"	1"	1"	1-1/2"	2"
<b>Max Flow (SCFM)</b>	58	90	195	195	300	500
<b>Dimensions (L x W x H)</b>	23" x 31" x 60"	23" x 31" x 60"	23" x 31" x 60"	30" x 31" x 62"	50" x 30" x 62"	50" x 30" x 62"
<b>Estimated Weight (lbs)</b>	300	300	300	350	550	700
<b>Estimated Shipping Weight (lbs)</b>	500	500	500	600	850	1,000

\* Does NOT raise the MAWP of the associated compressor and / or booster.

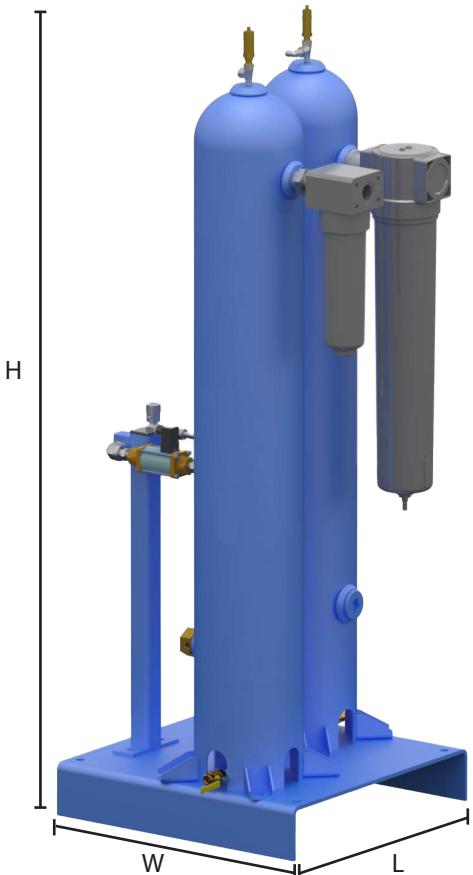
\*\*DSi-4HP option available to change max discharge pressure from 600 to 725 psig

\*\*\*Tank volume is greatly reduced from typical due to the readily available circulating loop between the booster inlet and outlet. The demand lag that typical storage tanks make up for is resolved with the Easy-Install circulating loop.

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

L271, Rev 2

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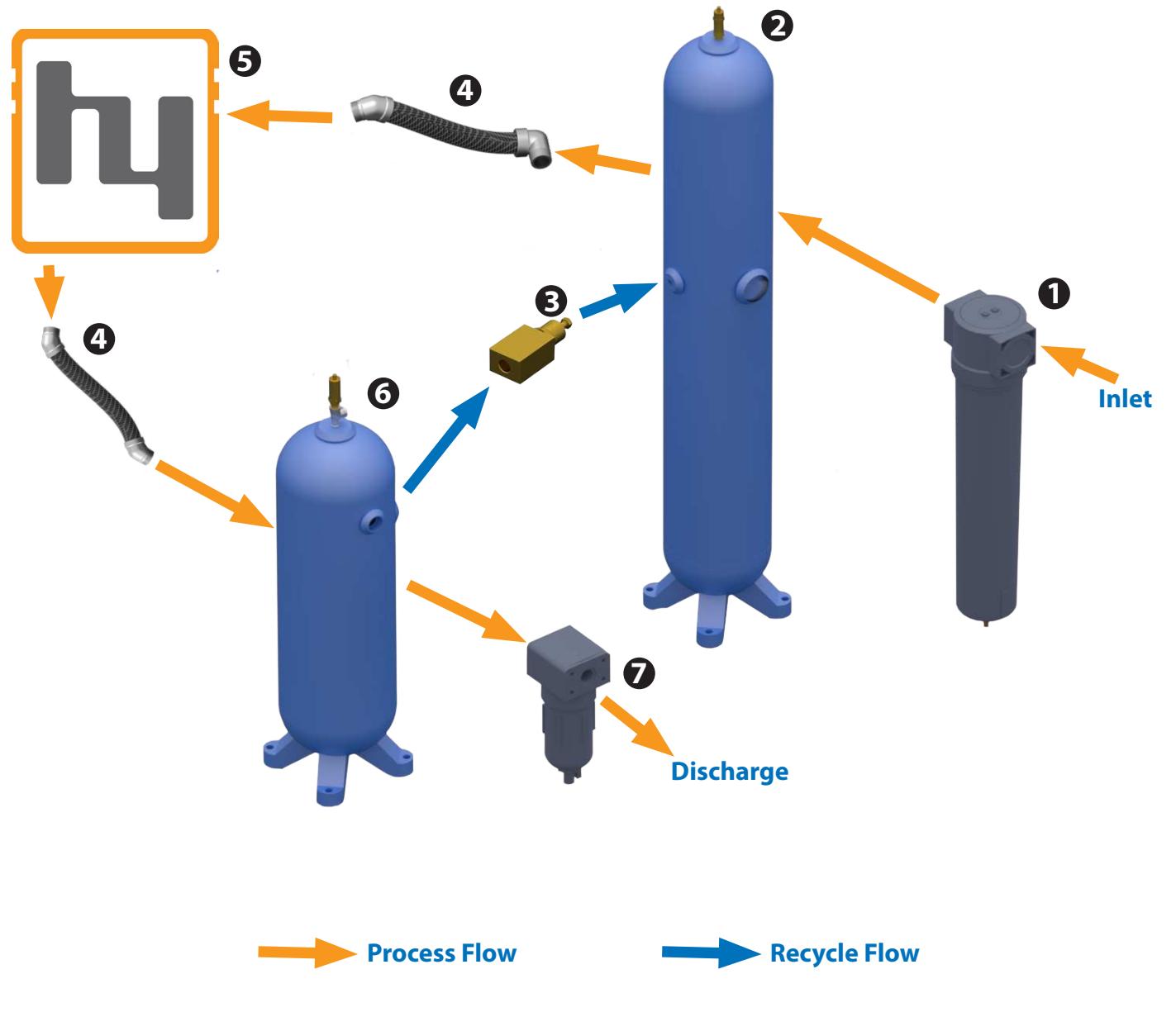
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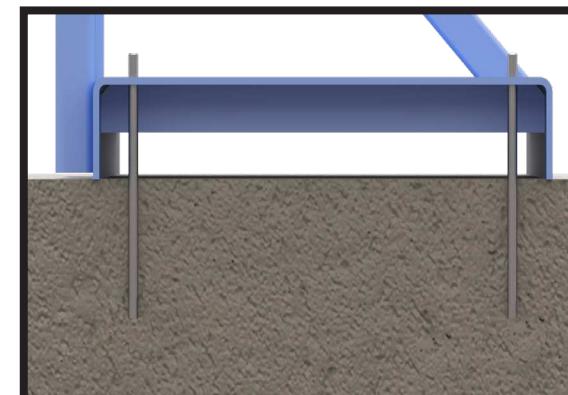
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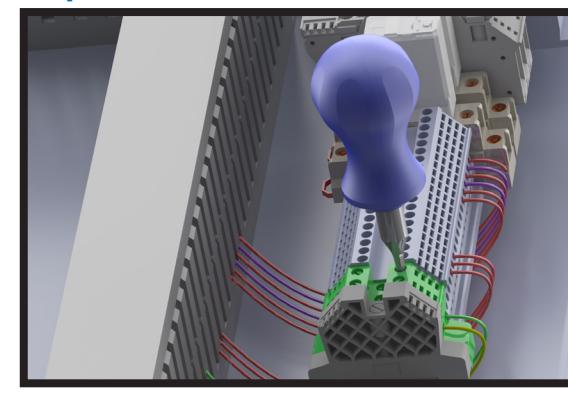
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