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Model Number: 45 URAI-J-DSL

Dresser Roots 45 URAI-J-DSL, Whispair Vacuum blower pump, Hydramaster Truck Mounts, CDS 4.2 Crossfire 4.2 Crossfire 4.4

Manufacturer: Howden Roots Blowers

Dresser Roots 45 URAI-J-DSL Whispair Vacuum Blower Pump

Part Number: 45 URAI-J-DSL

The Dresser Roots / Howden Roots 45 URAI-J-DSL Whispair blower is a heavy-duty positive displacement vacuum blower commonly used on select HydraMaster and CleanCo truckmount carpet cleaning machines. This single-shaft blower is built for high vacuum performance in professional carpet cleaning and restoration applications.

Common Truckmount Applications

- HydraMaster CDS 4.2
- HydraMaster Crossfire 4.2
- HydraMaster Crossfire 4.4
- HydraMaster Spitfire 4.0
- HydraMaster CDS 4.6 units manufactured before October 2001
- HydraMaster Maxx 450D units manufactured before October 2001
- CleanCo 45

Cross Reference Numbers

- HydraMaster 000-111-022
- HydraMaster PHY111-022
- Esteam CleanCo 358-112
- Roots BOM T30410020
- Compare to Gardner Denver GACMFSA0228
- Compare to GACMFSA0084

Performance Specifications

Maximum Flow
395 CFM

Maximum Pressure
10 PSI

Maximum Vacuum
15" Hg

Maximum Speed

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3600 RPM

Minimum RPM
848 RPM

Maximum Temperature Rise
225°F

Connection Size
2.5" FPT

Shaft Diameter
0.875"

Lubrication
Oil, both drive end and gear end

Weight
122 lbs / 55.4 kg

Shipping Box Size
17" L x 15.5" W x 12" H

Oil Capacity

Horizontal Gear End
22.8 oz

Horizontal Drive End
10.8 oz

Vertical Gear End
12.7 oz

Vertical Drive End
5.5 oz

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Important Installation Notes

- Default shaft orientation is left hand.
- Unit can be mounted top hand crank, bottom hand crank, left hand crank, or right hand crank.
 - Blower can be spun in either direction when properly configured.
 - Mounting feet and breather port location may need to be changed for your installation.
 - Oil must be checked and topped off before use.
 - Change blower oil after the first 50-hour break-in period.
 - Change blower oil every 200 hours after break-in.

Before Ordering

Please confirm your existing blower model, shaft location, mounting pattern, rotation, pulley alignment, inlet and outlet size, and OEM part number before ordering. Similar performing blowers may not be direct bolt-in replacements for every machine. Some OEM versions may have special coatings, extra drilled/tapped mounting holes, or unique mounting provisions.

This blower is sold for carpet cleaning truckmount applications. Use outside the carpet cleaning industry or on unsupported equipment cannot be guaranteed.

Shipping Information

This blower weighs approximately 122 lbs and ships by common carrier freight. A forklift, loading dock, or liftgate service may be required. Please select the correct delivery option at checkout to avoid delays or extra carrier fees.

Warranty and Fitment Disclaimer

Buyer is responsible for confirming fitment before purchase. Restocking fees are not waived because a crossover blower or similar replacement does not fit. Specifications, images, and OEM references are provided for identification assistance only and are subject to change without notice.
Dresser Roots 45 URAI-J-DSL Whispair Vacuum blower

Single Shaft Blower

QUESTION: If I purchase a cross over blower and it does not fit, will Steambrite or the factory waive the 25% restocking fee?

ANSWER: No. To purchase a similar performing blower is your decision as it states on every webpage, "All other warranties, express or implied, including but not limited to, the implied warranties of merchantability and fitness for a particular purpose, are hereby disclaimed"

THANKS FOR YOUR UNDERSTANDING.

Factory takes about 4 weeks to build this to order.

Max Flow: 395 CFM

Max Pressure: 10 psi

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Max Vacuum: 15Hg
Max Speed: 3600 RPM

MAX PRESSURE:

10 psi

MAX VACUUM:

15" Hg

MAX SPEED:

3600 RPM

MANUFACTURER:

Howden Roots

HydraMaster 000-111-022
PHY111-022
Roots T30410020
T3041002
Whispair blower
Crossfire 4.2 blower
Crossfire 4.4 blower
CDS 4.2 blower
CleanCo 45 blower
Truckmount vacuum blower
Positive displacement vacuum pump
395 CFM blower
45 URAI replacement

Min RPM: 848
Max ΔT: 225ËšF



Connection: 2.5" FPT
 Shaft Dia.: 0.875
 Drive End Lubrication: Oil
 Gear End Lubrication: Oil
 Required Oil Gear End Horizontal Unit: 22.8 ounces
 Required Oil Drive End Horizontal Unit: 10.8 ounces
 Required Oil Gear End Vertical Unit: 12.7 ounces
 Required Oil Drive End Vertical Unit: 5.5 ounces
 Unit Weight: 122 pounds (55.4 kg)
 Shipping Box Size (LxWxH): 17x15.5x12
 (432mmx394mmx305mm)
 Shipping Container: Cardboard Box with formed foam
 Common carrier is recommended

NOTE: Default shaft orientation is LEFT HAND -- Unit can be mounted with top hand crank, bottom hand crank, left hand crank or right hand crank. Can be spun in either direction. Simply change the mounting feet and relocate the breather port to the top.
 Roots Bill of Material (BOM) Number: T30410020

"These blower and vacuum pumps are for sale and use in the carpet cleaning industry only as some OEM configuration have special coatings, or even mounting holes drilled in them. Example These blowers won't work for Easy Air Package equipment as it is not drilled and tapped to mount a fan. All other applications for use outside the carpet cleaning industry cannot be guaranteed."

Compare to current or past OEM associations:

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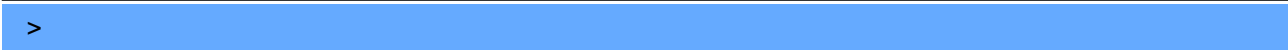
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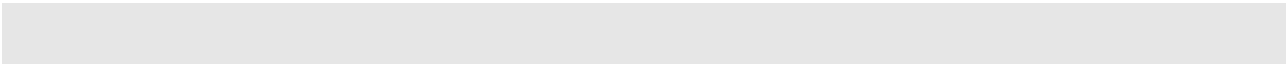
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Steambrite Supply



Steambrite Supply

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Gardner Denver GACMFSA0228 - SUTORBILT LEGEND 4MSQ-BHLD-S LS
GRS-SPL
GACMFSA0084

Important Option

Oil level must be topped off on new blowers
Oil level must be changed after 50 hour break in period.
Oil level must be changed every 200 hours after break in period.
Gardner Denver 28G46 Brand Blower Oil Aeon PD-XD Full Synthetic Formula
Extra Heavy Duty for High Heat Applications 28G47-QT

Positive displacement vacuum pump blower for

Used on:

Used on: Hydramaster Truck Mounts- CDS 4.2, Crossfire 4.2, Crossfire 4.4 & Spifire 4.0. Also used on CDS 4.6 & Maxx 450D units manufactured before October 2001.

CleanCo 45

compare to current or past OEM associations:

Hydramaster 000-111-022

Hydramaster PHY111-022

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Esteam CleanCo 358-112

Howden Terms

Compare Dresser Roots VS Tuthill VS Gardner Denver / Sutorbilt Blower - Crossover Charts

Availability: This product was added to our catalog on Sunday 02 September, 2012