

MINIMUM SPECIFICATIONS FOR INFINITY 45 AIR COMPRESSOR

- 45 CFM @ 150 PSI
- 10 GPM @ 2470 PSI (ACTUAL 10.19 GPM W/1.58 CIR)
- RECOMMENDED MINIMUM HYDRAULIC RESERVOIR SIZE 20 GALLONS
- INFINITY SYSTEM IS TO RUN CONTINUOUSLY AND WILL UNLOAD THE COMPRESSOR AIR SUMP PRESSURE.
- WHEN INFINITY IS INSTALLED WITH OTHER HYDRUALIC DRIVE EQUIPMENT IT WILL REQUIRE A DEDICATED FLOW LINE.
- IF OTHER HYDRAULICS ARE REQUIRED THE HYDRAULIC RESERVOIR SIZE SHOULD BE 20 GAL PLUS THE OTHER MANUFACTERS HYDRAULIC REQUIREMENTS.
- A DOWN STREAM ½” AUTO DRAIN MOISTURE TRAP IS REQUIRED TO CATCH MOISTURE AFTER THE AFTERCOOLER.
- A MINIMUM ½” 3000 PSI HIGH PRESSURE FEED HOSE TO THE VALVE BLOCK IS REQUIRED.
- A MINIMUM ¾” 1000 PSI MEDIUM PRESSURE RETURN HOSE TO THE HYDRAULIC SYSTEM IS REQUIRED.
- A MINIMUM 200 PSI ½” AIR FEED DOWN STREAM OF INFINITY AIR OUTLET IS REQUIRED.
- 12 VDC ELECTRICAL REQUIREMENTS:
 - SUPPLY BATTERY +12 VDC
 - SUPPLY BATTERY GROUND
 - SUPPLY BATTERY +12 VDC SWITCHED
 - 12 VDC OUTPUT DURING COMPRESSOR OPERATION
- MOUNTING SURFACE MUST BE CAPABLE OF 300 LB LOAD SPREAD OVER THE SIX MOUNTING HOLES. OVERALL PACKAGE DIMENSIONS 20.25” WIDE X 19.5” HIGH X 36.75” LONG. ALLOW ROOM FOR AIR AND HYDRAULIC CONNECTIONS.
- COOLING AIR INTAKE MUST NOT SEE AIR TEMPERATURES ABOVE AMBIENT.
- COOLING AIR DISCHARGE MUST HAVE 10” CLEARANCE FROM ANY OBSTRUCTIONS.
- AMBIENT RUNNING CONDITIONS: -20° TO 120° FARENHEIT.
- 10° MAXIMUM OPERATING SLOPE.



INSTALLATION OF AIR STORAGE TANKS

This rotary screw air compressor system is designed to provide continuous volume and constant pressure without the use of an air storage tank. Within a few seconds of engagement, the compressor will produce full volume and pressure needed to run corresponding air operated equipment without waiting for air tanks to fill.

Air storage tanks are not utilized as standard equipment on vehicle mounted rotary screw compressors. The installation of air storage tanks, if not done properly, will hinder the performance of the rotary screw compressor. Boss Industries Inc. strongly discourages the use of an air storage tank as standard equipment for vehicle mounted rotary screw air compressors.

In the rare event air usage is required without operating the vehicle, an air storage tank can be added to your system. When adding an air storage tank, be sure to follow all state and federal DOT regulations regarding air storage tank usage.

MINIMUM SPECIFICATIONS FOR INFINITY 60 AIR COMPRESSOR

- 60 CFM @ 150 PSI
- 13 GPM @ 2470 PSI (ACTUAL 13.3 GPM W/1.58 CIR)
- RECOMMENDED MINIMUM HYDRAULIC RESERVOIR SIZE 25 GALLONS
- INFINITY SYSTEM IS TO RUN CONTINUOUSLY AND WILL UNLOAD THE COMPRESSOR AIR SUMP PRESSURE.
- WHEN INFINITY IS INSTALLED WITH OTHER HYDRAULIC DRIVE EQUIPMENT IT WILL REQUIRE A DEDICATED FLOW LINE.
- IF OTHER HYDRAULICS ARE REQUIRED THE HYDRAULIC RESERVOIR SIZE SHOULD BE 25 GAL PLUS THE OTHER MANUFACTURERS HYDRAULIC REQUIREMENTS.
- A DOWN STREAM ½” AUTO DRAIN MOISTURE TRAP IS REQUIRED TO CATCH MOISTURE AFTER THE AFTERCOOLER.
- A MINIMUM ¾” 3000 PSI HIGH PRESSURE FEED HOSE TO THE VALVE BLOCK IS REQUIRED.
- A MINIMUM ¾” 1000 PSI MEDIUM PRESSURE RETURN HOSE TO THE HYDRAULIC SYSTEM IS REQUIRED.
- A MINIMUM 200 PSI ¾” AIR FEED DOWN STREAM OF INFINITY AIR OUTLET IS REQUIRED.
- 12 VDC ELECTRICAL REQUIREMENTS:
 - SUPPLY BATTERY +12 VDC
 - SUPPLY BATTERY GROUND
 - SUPPLY BATTERY +12 VDC SWITCHED
 - 12 VDC OUTPUT DURING COMPRESSOR OPERATION
- MOUNTING SURFACE MUST BE CAPABLE OF 300 LB LOAD SPREAD OVER THE SIX MOUNTING HOLES. OVERALL PACKAGE DIMENSIONS 20.25” WIDE X 19.5” HIGH X 36.75” LONG. ALLOW ROOM FOR AIR AND HYDRAULIC CONNECTIONS.
- COOLING AIR INTAKE MUST NOT SEE AIR TEMPERATURES ABOVE AMBIENT.
- COOLING AIR DISCHARGE MUST HAVE 10” CLEARANCE FROM ANY OBSTRUCTIONS.
- AMBIENT RUNNING CONDITIONS: -20° TO 120° FARENHEIT.
- 10° MAXIMUM OPERATING SLOPE.



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