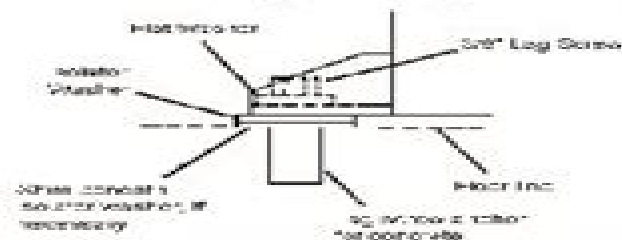


MOUNTING

△ WARNING Remove the unit from the skid before mounting.

ELECTRIC MOTOR UNITS. Bolt the unit to a firm, level foundation (such as a concrete floor). Do not bolt uneven feet tightly to the foundation, as this will cause excessive stress on the receiver tank. Use metal shims under the "short" feet if necessary.

Typical Permanent Mounting (Customer Supplied Hardware)



GASOLINE ENGINE UNITS. Bolt the unit to a firm, level foundation. Do not bolt uneven feet tightly to the foundation, as this will cause excessive stress on the receiver tank. Use metal shims under the "short" feet if necessary. Gasoline engine units mounted on truck beds must be fastened securely without applying excessive stress on the receiver tank. We recommend installing a vibration isolator kit with gasoline engine models.

INSTALLING REMOTE AIR INLET PIPING

△ CAUTION Do not operate the unit without air inlet filtration.

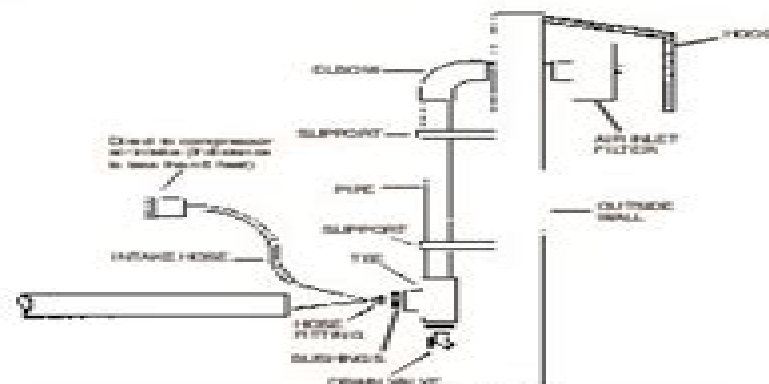
If the air around the unit is relatively free of dirt, install the air inlet filter at the inlet connection at the pump. If the air is dirty, pipe the filter to a source of clean air. Use PVC plastic tubes for remote inlet piping. Do not use black pipe or galvanized pipe, as these promote sweating and rust. Consider installing an in-line type filter for ease of cleaning and replacement. Make the line as short and direct as possible and as large, or larger, than the diameter of the inlet connection on the pump. Do not install piping with a diameter lower than that of the pump intake.

Increase the pipe diameter one size for every 10 feet (3 m) of length or every 90° bend. Make sure the piping is adequately braced.

If you pipe the filter outdoors, cover it with a hood to prevent the entrance of rain or snow.

Heavy duty filter elements and filtration equipment are available for fine airborne dust, such as cement and rock dust.

Typical Remote Air Inlet Piping.



INSTALLING DISCHARGE PIPING

△ WARNING Do not use plastic pipe, soldered copper fittings, rubber hose, or lead-in soldered joints anywhere in the compressed air system.

△ CAUTION! If you will be using synthetic compressor lubricant, all downstream piping material and system components must be compatible. Refer to the following material compatibility list. If there are incompatible materials present in your system, or if there are materials not included in the list, contact Ingersoll-Rand for recommendations.

SYNTHETIC COMPRESSOR LUBRICANT MATERIAL COMPATIBILITY LIST

SUITABLE

Viton®; Teflon®; Epoxy (Glass Filled); Oil Resistant Alkyd; Fluorocarbons; Fluorocarbon; Polysulfide; 2-Component Urethane; Nylon; Delrin®; Celcon®; High Nitrile Rubber (Buna N, NBR more than 30% Acrylonitrile); Polyurethane; Polyethylene; Epichlorohydrin; Polycarbonate; Melamine; Polypropylene; Baked Phenolics; Epoxy; Modified Alkyds.
(® indicates trademark of DuPont Corporation)

NOT RECOMMENDED

Neoprene; Natural Rubber; SBR Rubber; Acrylic Paint; Lacquer; Varnish; Polystyrene; PVC; ABS; Polycarbonate; Cellulose Acetate; Low Nitrile Rubber (Buna N, NBR less than 30% Acrylonitrile); EPDM; Ethylene Vinyl Acetate; Lurex; SBR; Acrylics; Phenoxyl; Polysulfones; Styrene Acrylonitrile (San); Butyl

NOTE

All compressed air systems generate condensate which accumulates in any drain point (e.g. tanks, filters, drip legs, aftercoolers, dryers). This condensate contains lubricating oil and/or substances which may be regulated and must be disposed of in accordance with local, state, and federal laws and regulations.

GENERAL REQUIREMENTS. The piping, fittings, air receiver tank, etc. must be certified safe for at least the maximum working pressure of the unit. Use hand-welded or threaded steel or copper pipes and cast iron fittings that are certified safe for the unit's discharge pressure and temperature. **DO NOT USE PVC PLASTIC IN THE COMPRESSED AIR DISCHARGE LINE.** Use pipe thread sealant on all threads, and make up joints tightly to prevent air leaks.

Ingersoll Rand Air Compressor 2545 Manual

M Carnoy



Ingersoll Rand Air Compressor 2545 Manual:

The book delves into Ingersoll Rand Air Compressor 2545 Manual. Ingersoll Rand Air Compressor 2545 Manual is a crucial topic that must be grasped by everyone, ranging from students and scholars to the general public. The book will furnish comprehensive and in-depth insights into Ingersoll Rand Air Compressor 2545 Manual, encompassing both the fundamentals and more intricate discussions.

1. This book is structured into several chapters, namely:
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 - Chapter 2: Essential Elements of Ingersoll Rand Air Compressor 2545 Manual
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 - Chapter 4: Ingersoll Rand Air Compressor 2545 Manual in Specific Contexts
 - Chapter 5: Conclusion
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 6. In chapter 5, the author will draw a conclusion about Ingersoll Rand Air Compressor 2545 Manual. This chapter will summarize the key points that have been discussed throughout the book.
- This book is crafted in an easy-to-understand language and is complemented by engaging illustrations. This book is highly recommended for anyone seeking to gain a comprehensive understanding of Ingersoll Rand Air Compressor 2545 Manual.

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