

INSTRUCTION SHEET

Suction-Line Accumulator Installation

INTRODUCTION

Suction line accumulators are designed to act as a temporary holding vessel between the outlet of the evaporator and the inlet of the compressor. During flood-back conditions, the accumulator traps the liquid charge and allows it to be evaporated and fed to the compressor at a controlled rate.

INSTALLATION

Proper piping practices must be followed in all installations. This instruction sheet is not intended to teach piping practices or be a substitute for these proven methods.

1. Install the accumulator vertically between the evaporator and compressor.
 - a. Connect the suction line leaving the evaporator to the inlet of the accumulator.
 - b. Pipe the outlet of the accumulator to the suction line of the compressor.

Some models provide a mounting stud and if used should be tightened to 15 ft-lbs.

If the oil separator has mounting legs, insure that legs are properly attached to the mounting surface by bolts or welds.

CAUTION: DO NOT SUPPORT THE ACCUMULATOR BY THE SUCTION LINE ONLY. THIS MAY CAUSE FAILURE IN THE BRAZE AND WELD JOINTS.

2. Silver braze the connections with a standard alloy used to join copper tubing to steel.

This is usually a 45% silver brazing alloy. Low-temperature tin-lead solders are not acceptable.

On accumulators where brazing may take place near a flanged gasket, care must be taken to prevent the gasket from temperatures over 300°F.

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