



Installation

Replacement of High Altitude and Sea Level Pressure Switches

Models: ADD AUD, CDB, CUB, FCA, FUA, TDD, TDE, TUD, and TUE



General Information

Literature change history

PART-SVN55C-EN (May 2005) The manual was updated to adjust model numbers and part numbers included.

Warnings and Cautions

NOTICE: Warnings and Cautions appear at appropriate sections throughout this literature. Read these carefully.

⚠ WARNING: Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

⚠ CAUTION: Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

CAUTION: Indicates a situation that may result in equipment or property-damage only accidents.

About this manual

These instructions deal with the following pressure switches, and the replacements used.

Table 1. Superseded parts

| Original Parts | New Part |
|--|----------|
| SWT01741, SWT01760, SWT02261, SWT02266, and SWT02293 | SWT02357 |
| SWT01830, SWT01915, SWT02262, SWT02267, and SWT02848 | CNT03814 |

⚠ WARNING **Hazardous Voltage!**

Disconnect all electric power, including remote disconnects before servicing. Follow proper lockout/tagout procedures to ensure the power can not be inadvertently energized. Failure to disconnect power before servicing could result in death or serious injury.

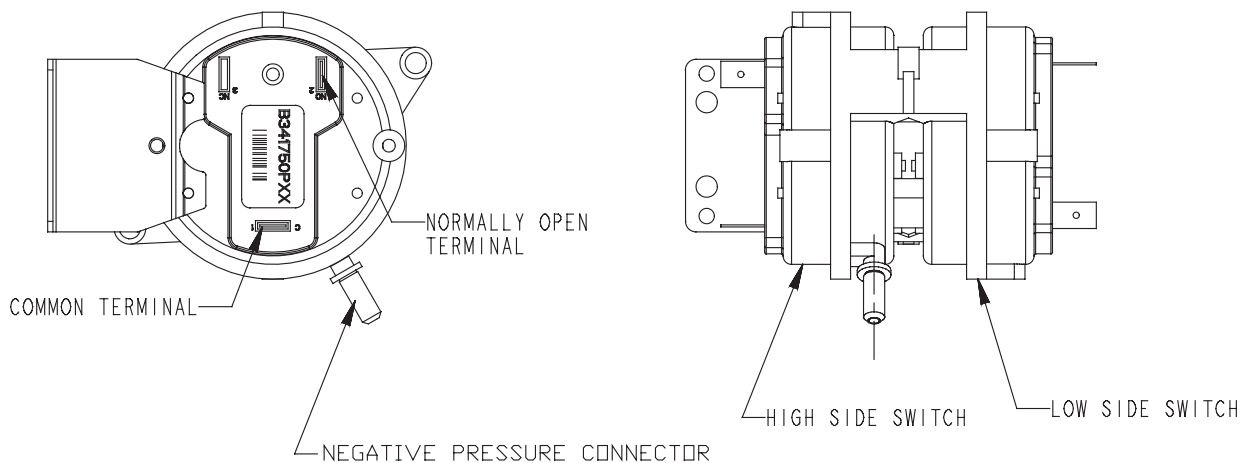
Installation

Installation details

The superceded switches are low pressure, single pole, normally open pressure control switches and are no longer available. Switch, SWT02357 and Control, CNT03814, are functional replacements, although there are some minor differences between the two. The replacement control is a high and low pressure unit. When used as replacements for single stage furnaces, terminate the wires on the normally open and common terminals on the HIGH-pressure side of the switch, see Figure 1.

When used to replace one or both of the switches on a two stage furnace, both original switches need to be removed and discarded. Connect the wiring for low fire to the LOW pressure side and connect the wiring for high fire to the HIGH pressure side. Discard the "T" for the pressure hose connections and connect the pressure switch hose to the negative pressure connector, see Figure 1.

Figure 1. SWT02357 and CNT03814



Installation

The following table details the supersede history of the obsolete switches. The table should be read from left to right with the original parts appearing first. Then the first replacement followed by the current parts

Table 2. Supersede history

| Original Part | | First Supersede | | Current Part | |
|----------------------------|------------------|-----------------|--------------------|--------------|-----------------------------|
| Sea level single-stage | | | | | |
| SWT01741 | Old style, metal | SWT02261 | New style, plastic | SWT02357 | New style, plastic, 2 stage |
| | | SWT02293 | New style, plastic | | |
| High altitude single-stage | | | | | |
| SWT01830 | Old style, metal | SWT02262 | New style, plastic | CNT03814 | New style, plastic, 2 stage |
| | | SWT02848 | New style, plastic | | |
| Sea level two-stage | | | | | |
| SWT01741* | Old style, metal | SWT02261 | New style, plastic | SWT02357 | New style, plastic, 2 stage |
| SWT01760** | Old style, metal | SWT02266 | New style, plastic | SWT02357 | New style, plastic, 2 stage |
| High altitude two-stage | | | | | |
| SWT01830* | Old style, metal | SWT02262 | New style, plastic | CNT03814 | New style, plastic, 2 stage |
| SWT01915** | Old style, metal | SWT02267 | New style, plastic | CNT03814 | New style, plastic, 2 stage |

* High fire applications

** Low fire applications



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|-------------------------|---------------------------|
| Literature Order Number | PART-SVN55C-EN |
| File Number | SV-SP-PART-SVN55C-EN-0505 |
| Supersedes | SV-SP-PART-SVN55B-EN-0904 |
| Stocking Location | Electronic only |

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