

# Installation

# **RTAC**

## Field Installed Sound Attenuator

Order No: **RTAC-SVN01D-EN**Date: June 2004

## Introduction

The purpose of this bulletin is to provide installations instruction for field installed sound attenuators.

"J0" Design Sequence

**NOTICE**: Warnings and Cautions appear at appropriate sections throughout this manual. 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.

### **⚠ 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.



## Instructions

# Suction Pipe Wrap (Reference drawings 5201-0522 - 5201-0524 and 5712-0305-5712-0010 and 5712-0377)

- 1. Install compressor 1A pipe wraps starting at service valve end.
- 2. Install compressor 1A stretch loops around each pipe wrap butt joint.
- 3. Repeat sequence for remaining suction lines.

#### Discharge Pipe Wrap (Reference drawings 5201-0522 - 5201-0532)

- 4. Install circuit 1 discharge wraps starting at compressor end, working toward oil separator.
- 5. Install circuit 1 stretch loops around each pipe wrap butt joint.
- 6. Repeat sequence for circuit 2.

### Compressor Attenuator Base Frame (Reference drawings 5201-0516 - 5201-0521)

- 7. Install all of compressor 1A short, end and middle rails. Leave mounting screws loose.
- 8. Install compressor 1A long, side rails. Leave mounting screws loose.
- 9. Tighten all screws.
- 10. Install sheet metal part 5709-4999.
- 11. Repeat sequence for remaining compressors.

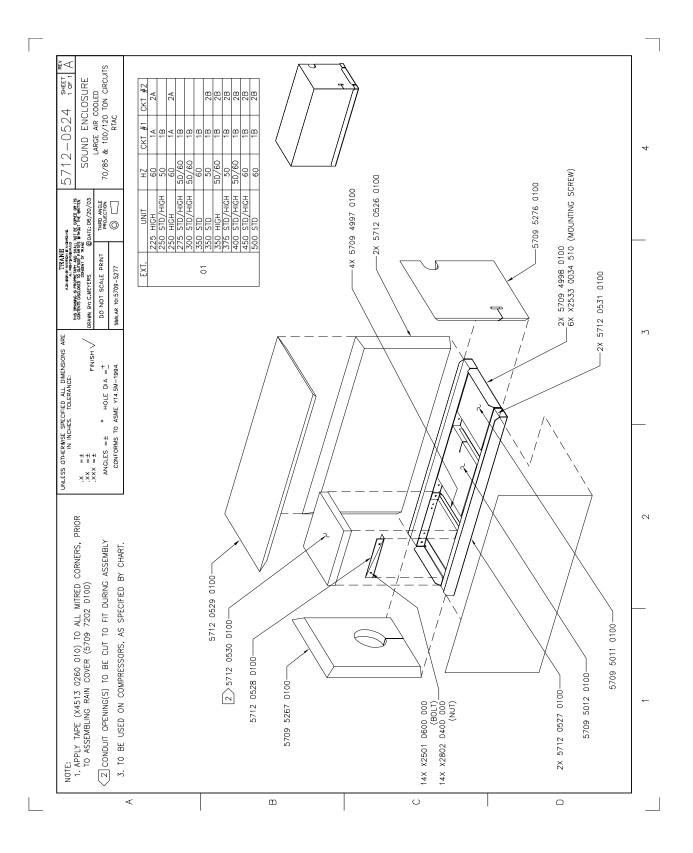
### Compressor Attenuator Pads (Reference drawings 5201-0516 - 5201-0522)

- 12. Install compressor 1A bottom (center and discharge side) pads.
- 13. Measure and cut out power wire conduit hole for bottom, suction side pad.
- 14. Install compressor 1A suction side bottom pad.
- 15. Install compressor 1A suction end pad.
- 16. Install compressor 1A discharge end pad.
- 17. Install compressor 1A inside (closest to evaporator), side pad.
- 18. Install compressor 1A outside, side pad.
- 19. Install aluminum tape along the length of the 4 side seams.
- 20. Install compressor 1A top (lid) pad.
- 21. Install aluminum tape along the length of the top pad seams.
- 22. Install compressor 1A raincoat.
- 23. Repeat sequence for remaining compressors

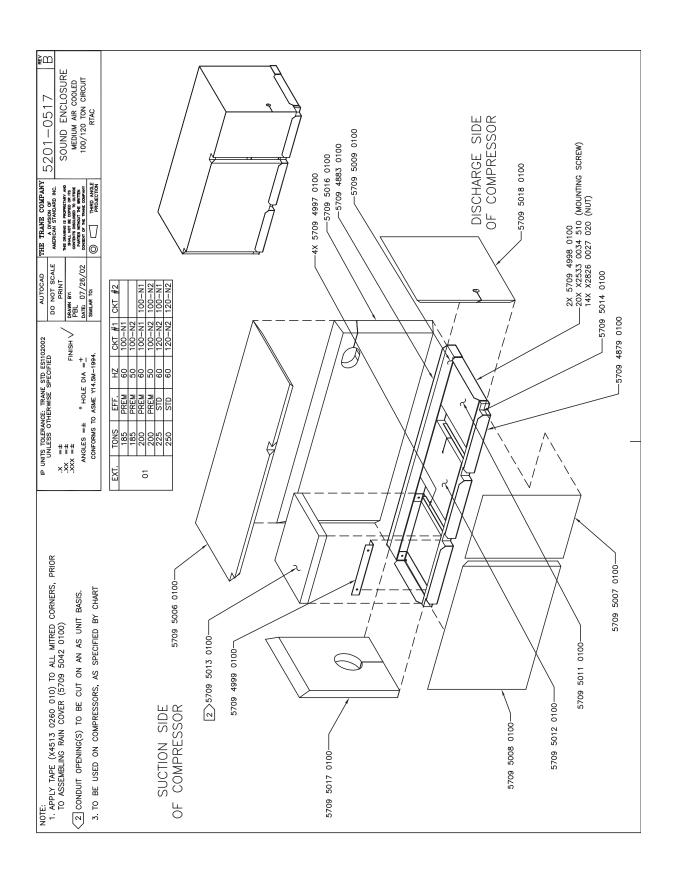


Part Number	Discription
ATT00206	140 Standard and High Efficiency - 50 and 60 Hz Units 155 Standard Efficiency - 50 and 60 Hz Units 170 Standard Efficiency - 50 and 60 Hz Units
ATT00207	155 High Efficiency - 50 and 60 Hz Units 170 High Efficiency - 50 and 60 Hz Units
ATT00208	185 Standard Efficiency - 50 and 60 Hz Units
ATT00209	185 High Efficiency - 50 and 60 Hz Units
ATT00210	200 Standard Efficiency - 50 and 60 Hz Units
ATT00211	200 High Efficiency - 50 and 60 Hz Units 225 Standard - 60 Hz Units 250 Standard - 60 Hz Units
ATT00215	225 High Efficiency - 60 Hz Units 250 High Efficiency - 60 Hz Units
ATT00216	250 Standard Efficiency - 50 Hz Units 275 High Efficiency - 50 and 60 Hz Units
ATT00217	300 Standard and High Efficiency - 50 and 60 Hz Units
ATT00218	350 High Efficiency - 50 and 60 Hz Units 350 Standard Efficiency - 50 Hz Units
ATT00219	350 Standard Efficiency - 60 Hz Units
ATT00220	375 Standard and High Efficiency - 50 Hz Units
ATT00221	400 Standard and High Efficiency - 50 and 60 Hz Units 450 Standard and High Efficiency - 50 and 60 Hz Units 500 Standard Efficiency - 60 Hz Units

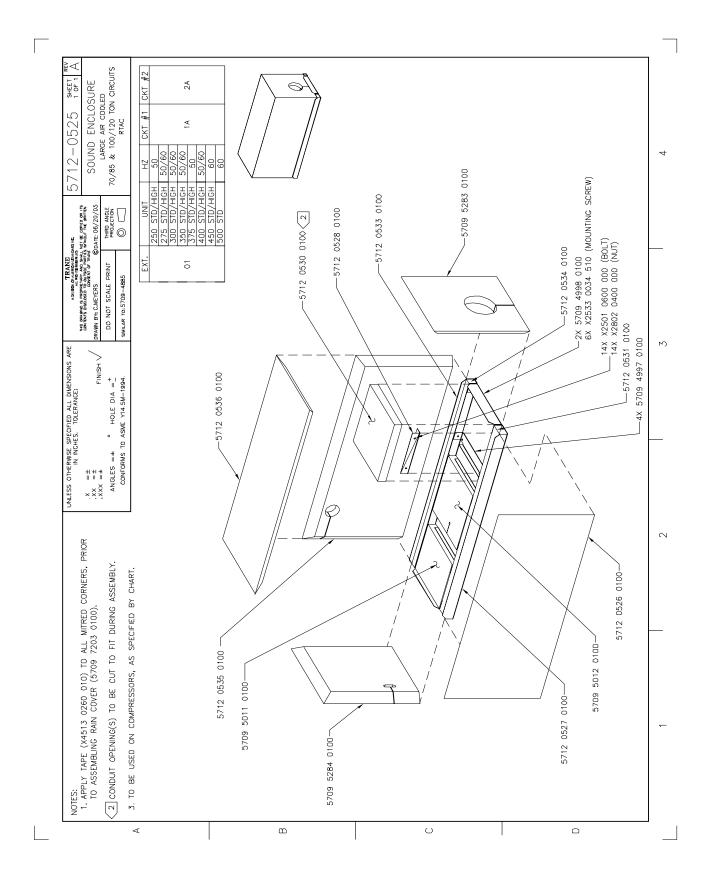




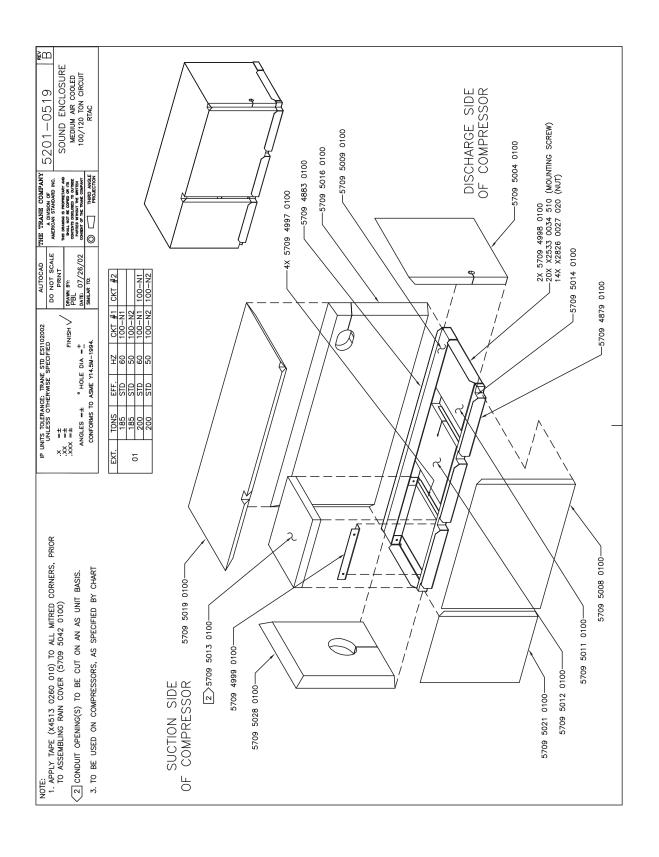




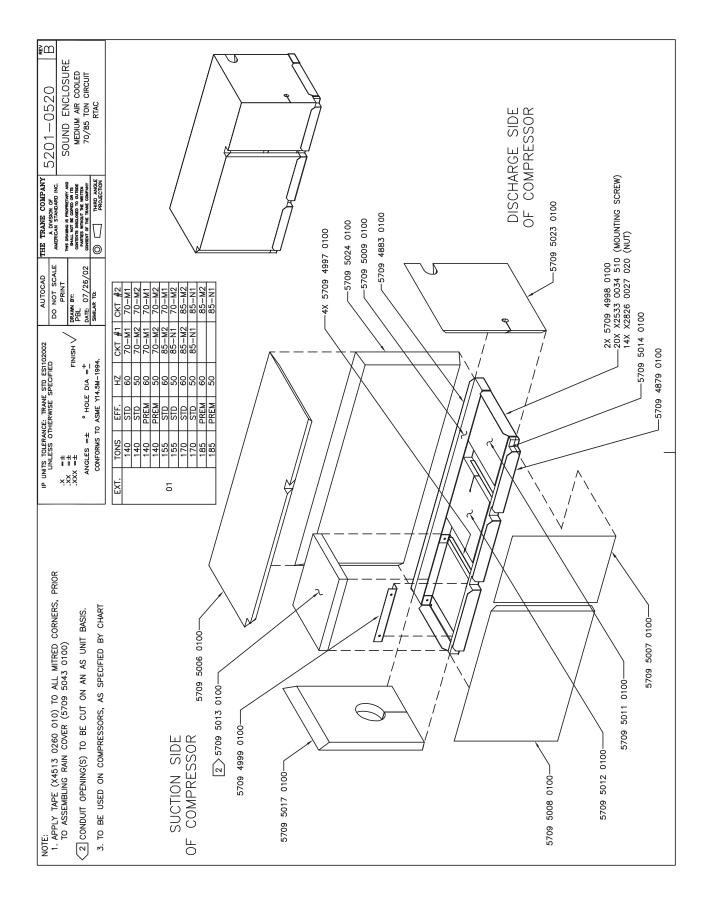




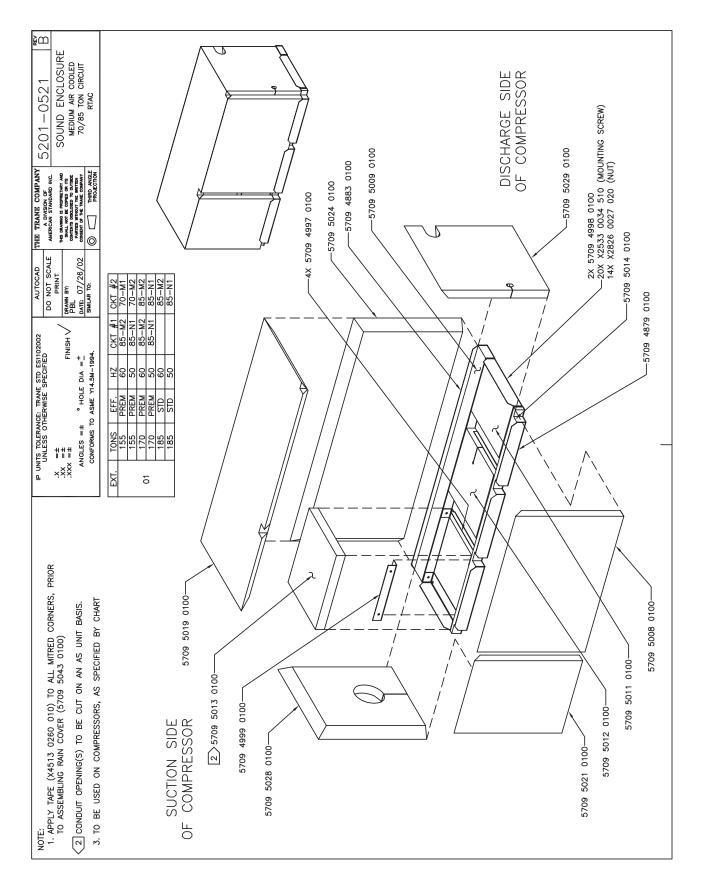




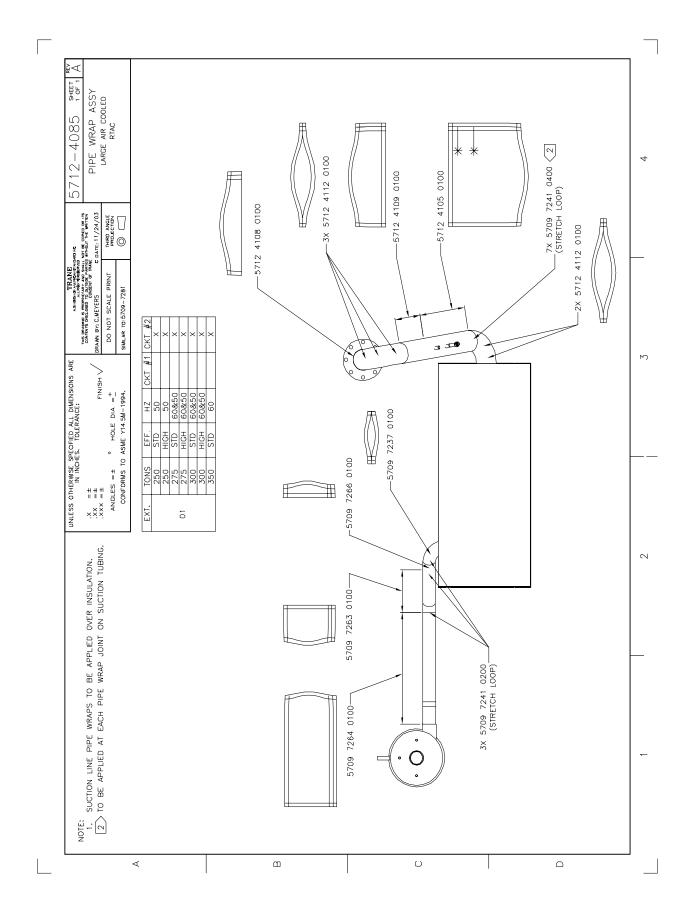




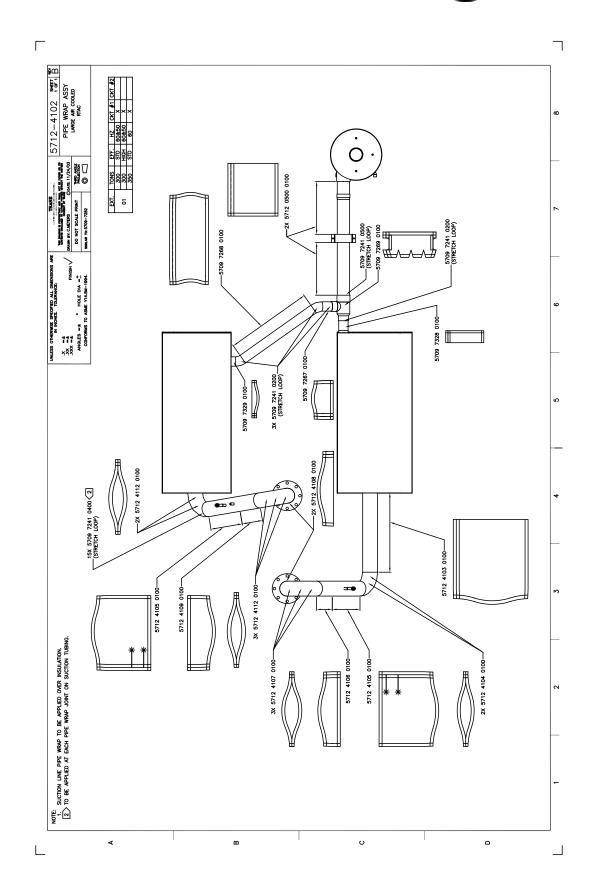




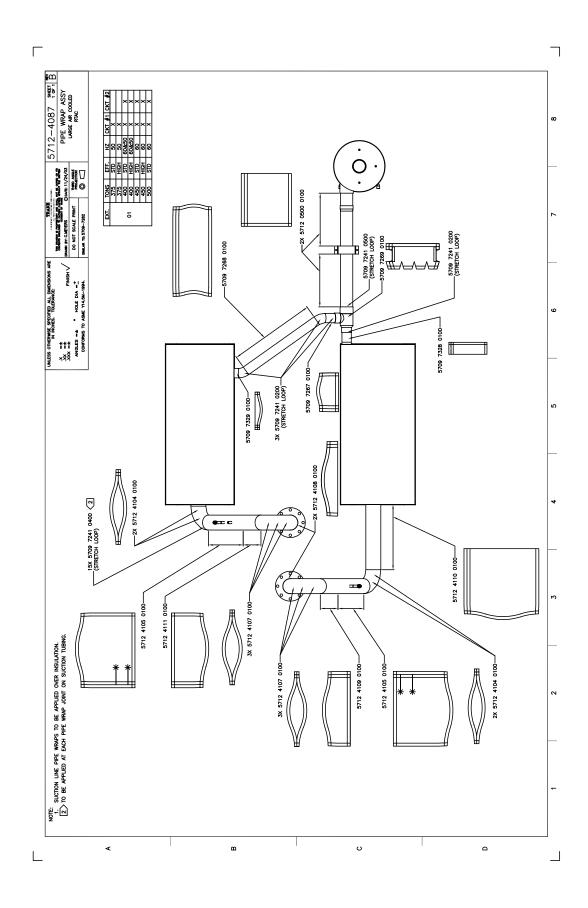




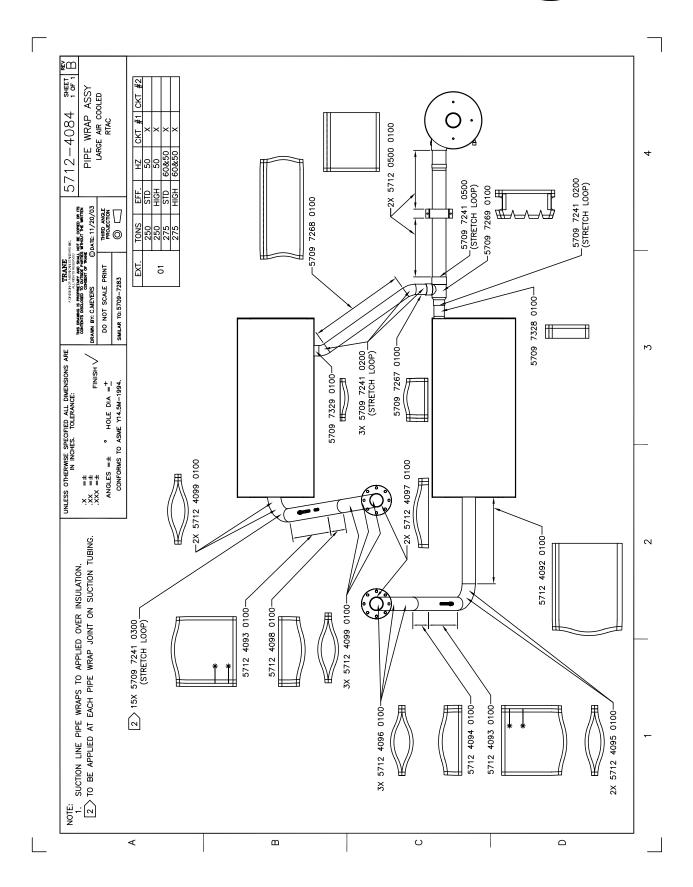




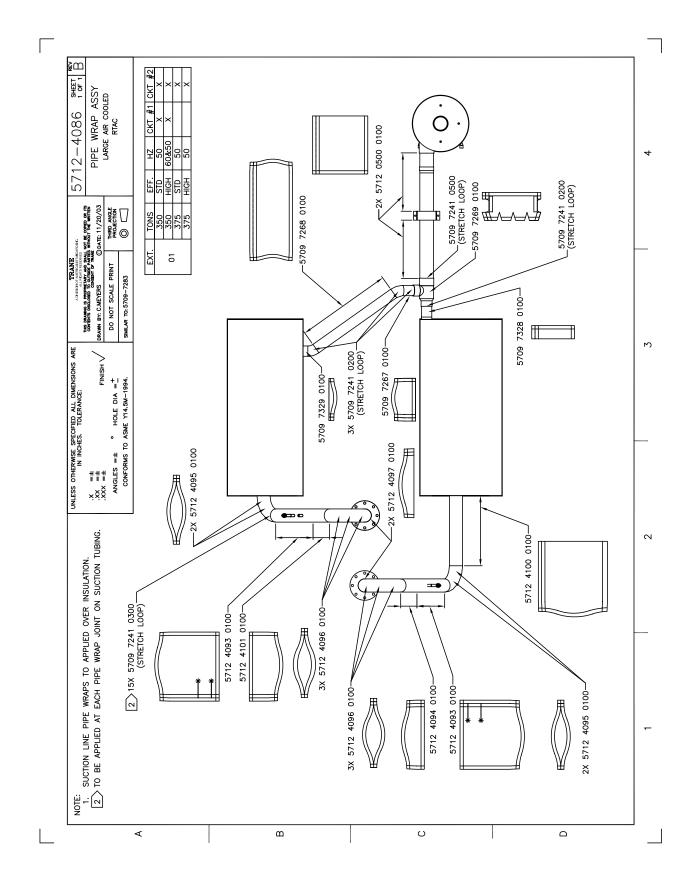




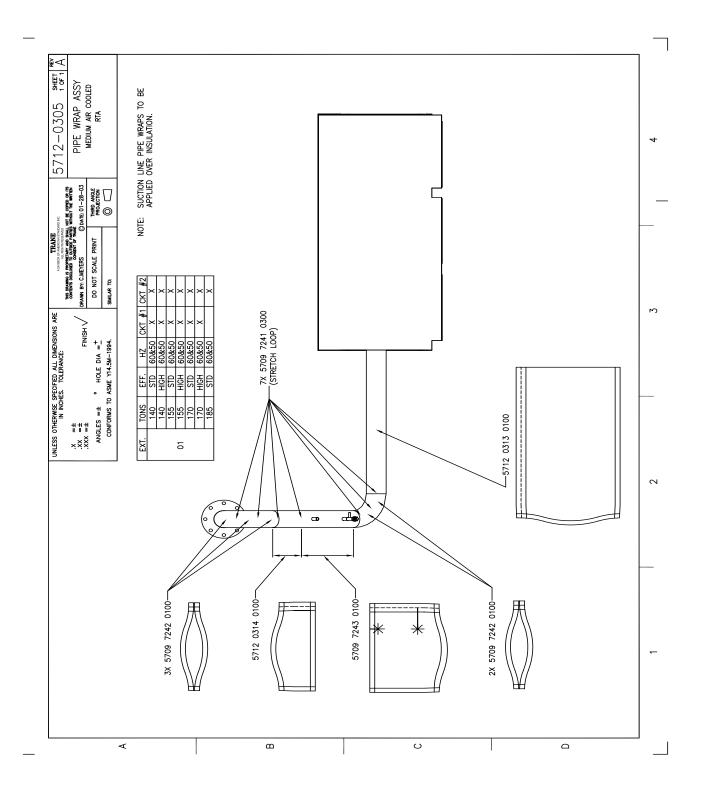




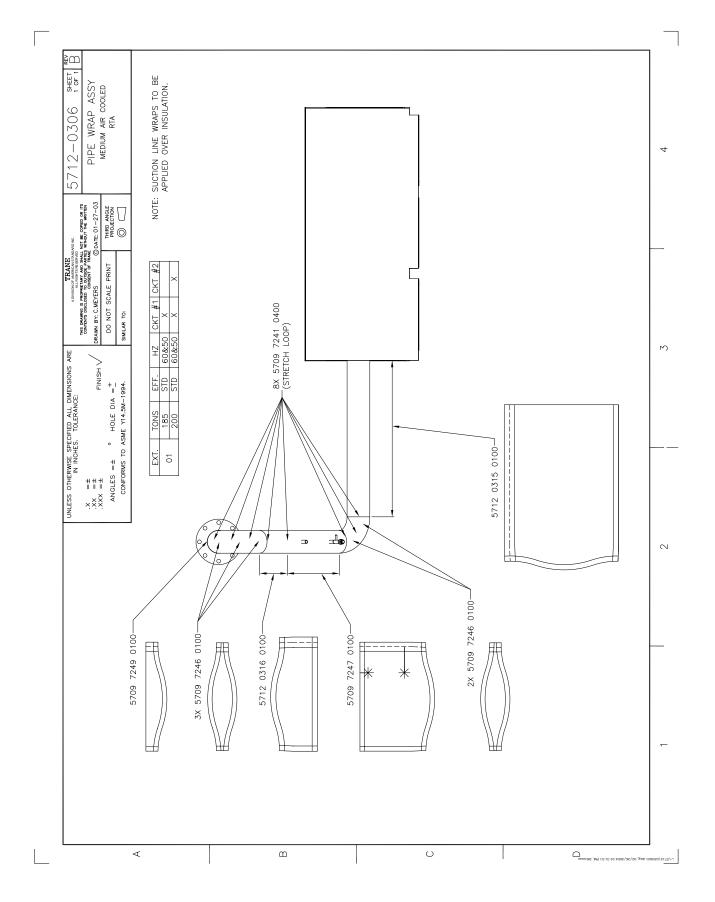




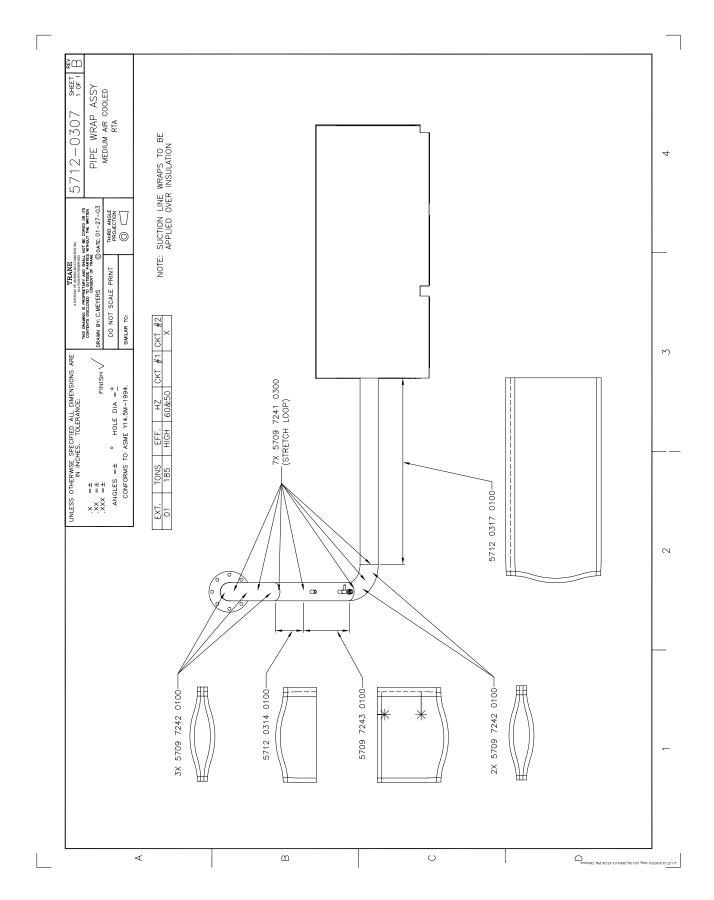




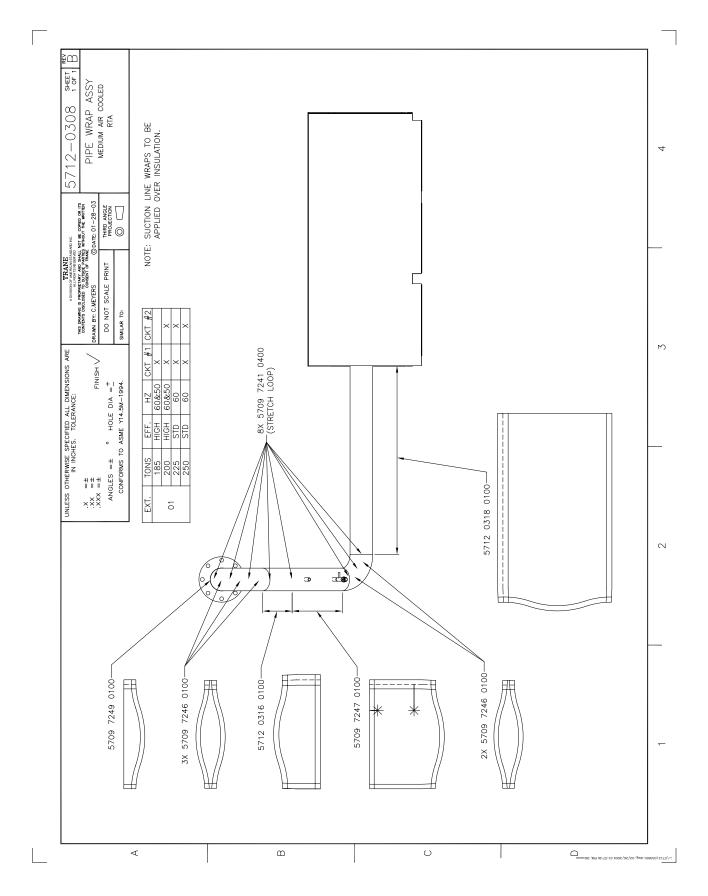




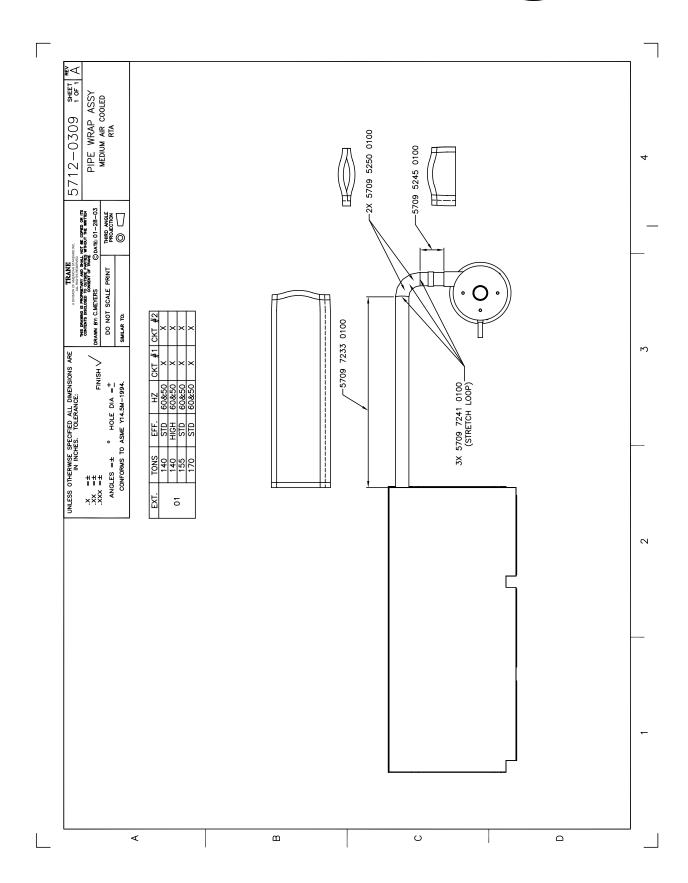




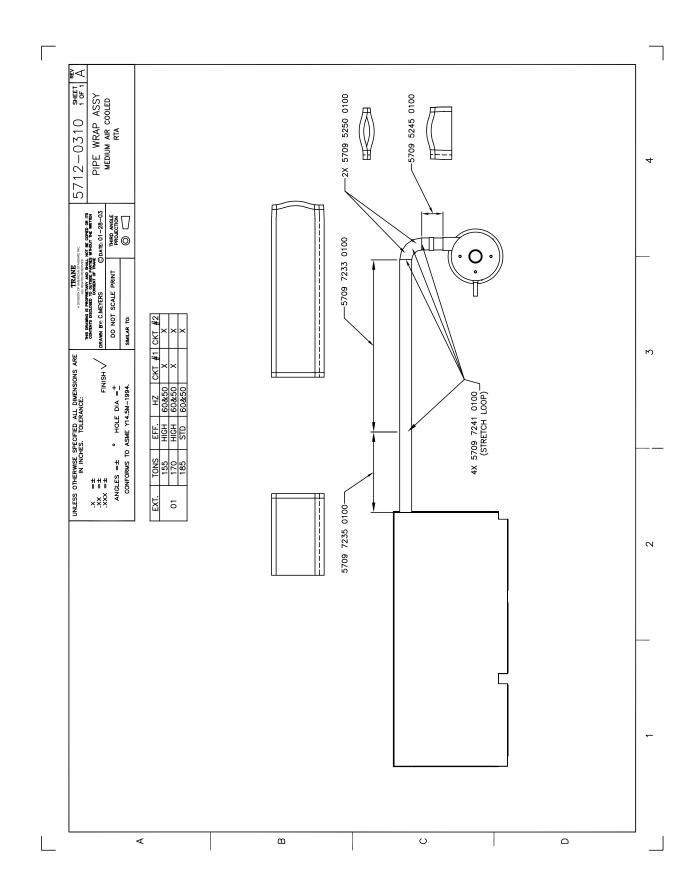




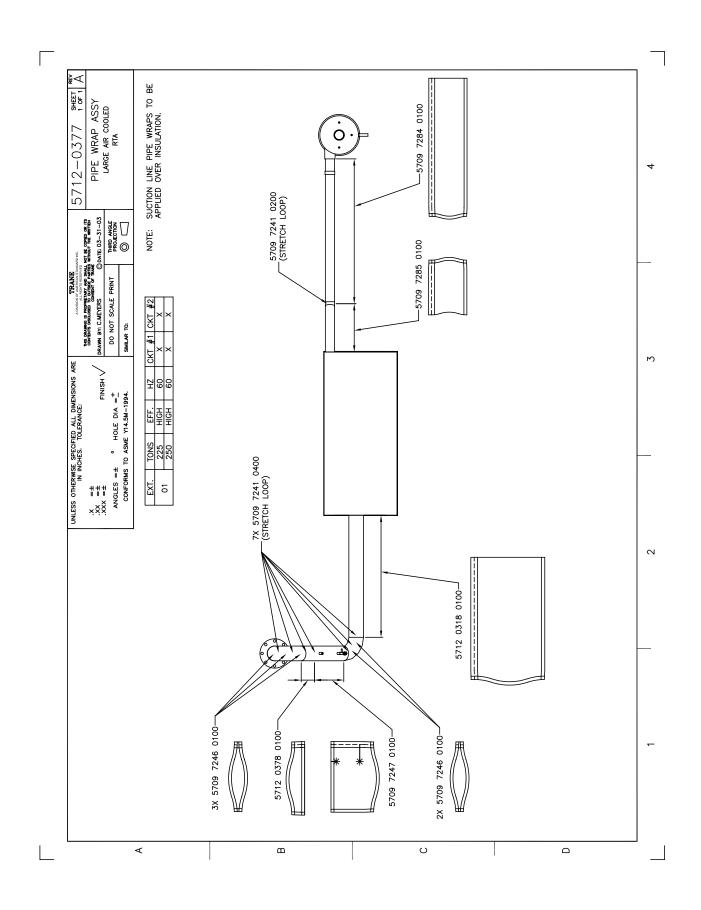




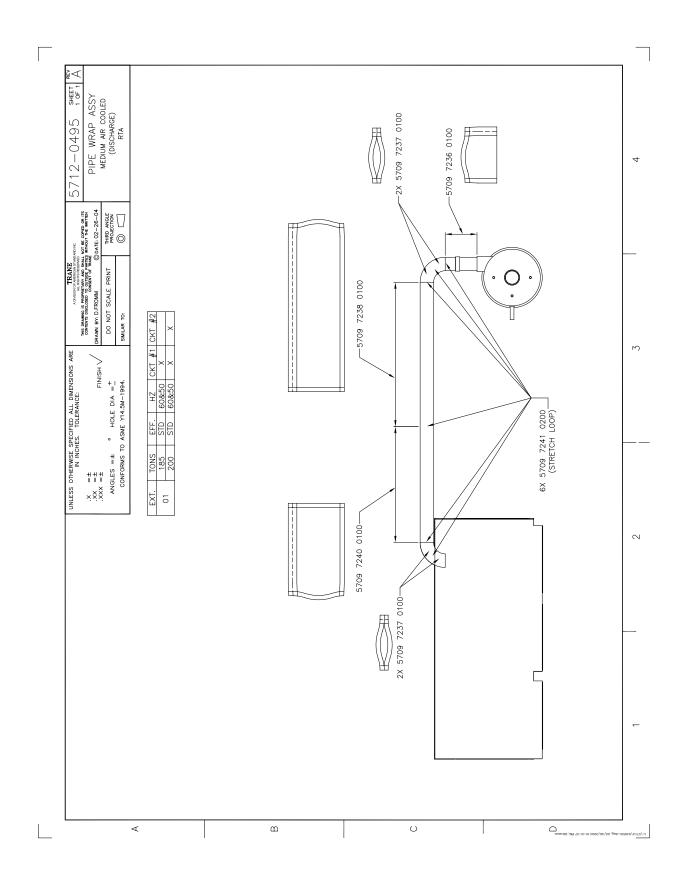




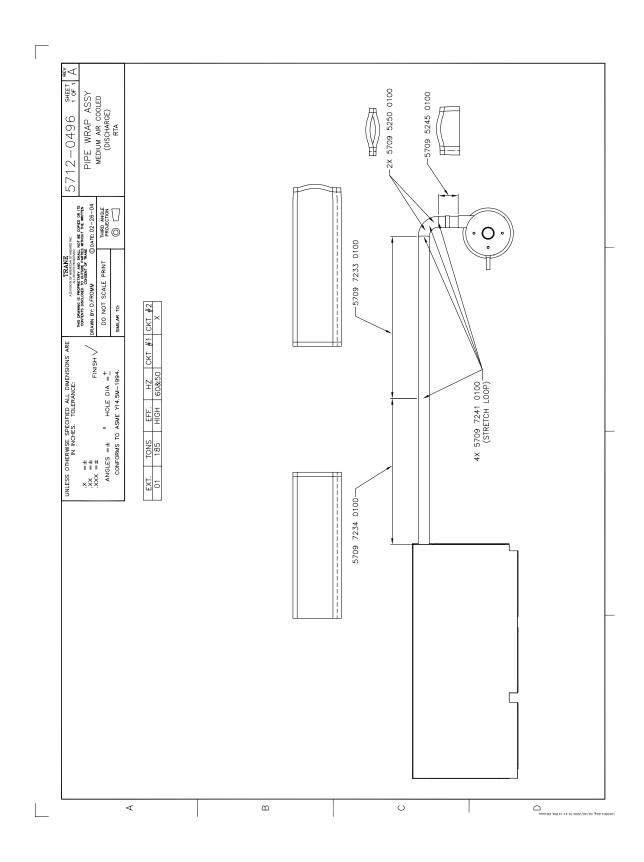




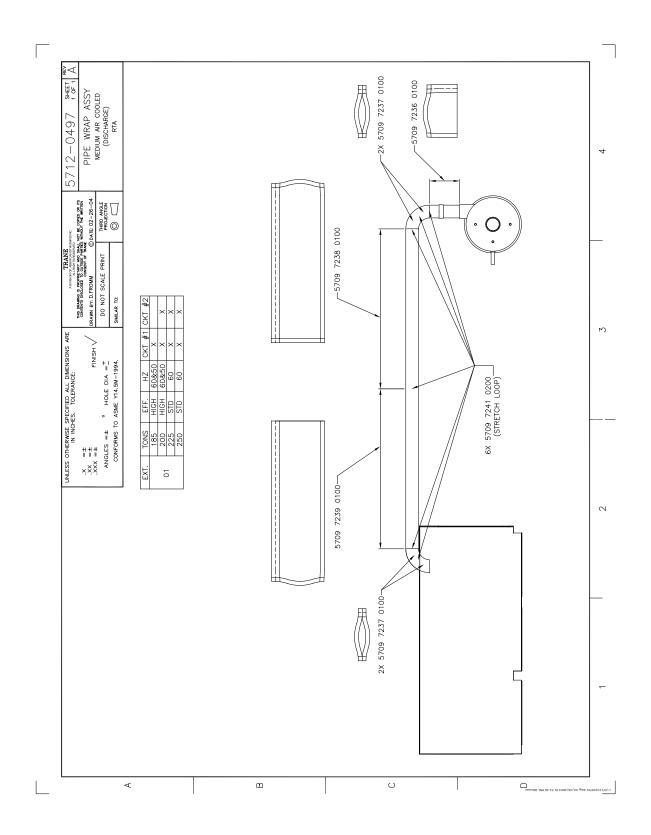
















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Literature Order Number	RTAC-SVN01 D-EN
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Stocking Location	Electronic Only

Trane has a policy of continuous product data and product improvement and reserves the right to change design and specifications without notice. Only qualified technicians should perform the installation and servicing of equipment referred to in this bulletin.