

TJERNLUND PRODUCTS

Specified Systems Technical Instruction Webinar

2012

Instructor: John Sterner

A. Description

This 45 minute webinar is designed to offer technical information and installation strategies on the Specified Systems line offered by Tjernlund Products. It will cover Specified Systems models, their sequence of operation, controls and accessories and installation basics. The instructor will answer the “how it works” question, give benefits of utilizing the equipment while providing the necessary technical information needed when applying mechanical ventilation.

B. Course Objective

1. To familiarize engineers, salesmen, contractors or any other learner with the technical aspects of the Specified Systems line.
2. To provide the learner with the opportunity to understand the Specified Systems line, how each component works, the CPC-3 Control and the typical applications where these systems would be used.
3. To provide the necessary information needed to when applying a mechanical ventilation system.

C. Course Topics

1. Introduction
 - a) About Tjernlund Products
2. Mechanical Room Challenges
 - a) Installation hurdles
 - b) High-tech heaters vs. Low-tech draft/combustion air
3. Modulation Ventilation Systems
 - a) Draft
 - b) Combustion Air
 - c) CPC-3 Controller
 - d) VSAD Inducers
 - e) VSUB Blowers
 - f) VSRI Round Inline Fans
 - g) VFDs, Transducers and Accessories
4. Summary
 - a) Mechanical draft and combustion air systems
 - b) Benefits