

INSTALLATION & SUBMITTAL DATA

single-stage robertshaw thermostat and sub-base wiring

gas-fired duct furnace/make-up air units

model series: "D", "H", "I", & "O"

! WARNING

1. Disconnect power supply before making wiring connections to prevent electrical shock and equipment damage.
2. All units must be wired strictly in accordance with wiring diagram furnished with the unit. Any wiring different from the wiring diagram could result in a hazard to persons and property.
3. All wiring must be done with a wiring material having a temperature rating of at least 105°C.

IMPORTANT

The use of this manual is specifically intended for a qualified installation and service agency. All installation and service of these units must be performed by a qualified installation and service agency. Modine manuals may contain excerpts from component supplier literature adapted for Modine products. Any accompanying component supplier literature is for general information.

Installation and Wiring

Installation of wiring must conform with local building codes, or in the absence of local codes, of the National Electric Code ANSI/NFPA 70 - Latest Edition. Unit must be electrically grounded in conformance to this code. In Canada, wiring must comply with CSA C22.1, Part 1, Electrical Code.

Wiring Diagram Selection

- For duct furnaces (non-factory supplied blower): refer to the following figures for wiring.
- For system units (factory supplied blower): refer to the job specific unit wiring diagram provided with the unit.
- For deviations to these wiring diagrams or the job specific wiring diagrams: consult the factory.

NOTE: Follow thermostat manufacturer's instructions for setting heat anticipator in thermostat.

Figure 1.1
Robertshaw CM260 Thermostat (Part #79187) with
SB-3A-1 Sub-Base (Part #78785).

Sub-Base Switching: Fan - auto/on, System - auto/off

