

MODCOM COMPONENT SELECTION GUIDE

ModCom is a DDC system for automating a single zoned unit, stand-alone HVAC units and mechanical devices. The *ModCom* controller is designed to control both Gas Electric and Heat Pump systems. This universal controller will also control fossil fuel applications with optional Balance Point control. *ModCom* has integrated capacity control: 2-stage heat and cool when configured for Gas/ Electric and 3-stage heat when configured for Heat Pump.

ModCom

ModCC – Command Center

Includes: Controller, software, configured modem, cables, and 3 HDLAS Sensors
Also includes: onboard staging and digital capacity control

CMod – Command Center

(Command Center only, no software or modem – adds 20 address points)

1 – **101MUX** Multiplexer

NUMBER OF THERMOSTATS

Up to 20

(zone thermostats or devices*)

Support 1 zoned unit with up to 20 dampers or any combination of stand-alone units or other devices

1 – **ModCom** command center from above

THERMOSTATS

MODULATING ZONED SYSTEMS

Modulating Zone Thermostat
ModStat

STAND-ALONE EQUIPMENT

Gas/Electric
DIGICOM**
(2H/2C)

Heat Pump
DIGIHP O or B
(3H/2C)

TWO-POSITION ZONED SYSTEMS

Two-Position Zone Thermostat
MODS2

ZONE DAMPERS

MODULATING ZONE DAMPERS

Round (**STMPD** size) 1.75" SP
Rectangular (**STMRTD** WxH) 1" SP 7.5 Ton Max Supply Only
Rectangular (**STCD** W x H) 1.75" SP
D-FUSER .1" SP
6 x (No. Dampers) = VA for 24V Damper Transformer

TWO-POSITION ZONE DAMPERS

(Use on systems 5 tons or under)
Round (**TR** size) up to .5" SP
Rectangular (**TREC** W x H) up to .5" SP
12 x (No. Dampers) = VA for 24V Damper Transformer

BYPASS DAMPERS

ELECTRONIC BYPASS DAMPER

Round (**STMPD** size) 1.75" SP
Rectangular (**STCD** W x H) 1.75" SP

BAROMETRIC BYPASS DAMPER

Round (**101ABBD** size)
Rectangular (**RBB** W x H)

BYPASS CONTROLLER

101ASPC – static pressure control
24V 40VA Transformer

COMMUNICATING ACCESSORIES (Optional)

SENDCOM

Stand-Alone Equipment
Duct Temperature Sensor
(1 per HVAC unit)

RLYCOM

Communicating
Relay Device

TCIP

TCP/IP
Network Device

*Devices include Part #: **ModStat**, **DIGICOM**, **DIGIHP**, **MODS2**, and **RLYCOM**

****DIGICOM** thermostats provide constant fan operation during the Occupied mode. If intermittent fan operation is required during the occupied period, order **DIGICOM "I."**