

client



Client Thermostat

Great Thermostat • Great Features • Great Price

Introducing the The Client universal thermostat.. The Client is a perfect mix of esthetics, intuitive operation and performance at an amazingly affordable price. The Client is compatible with most residential and commercial HVAC systems and is ideally suited for use with zoning systems.

CMS Mechanical Services, LLC
445 West Drive, Suite 101
Melbourne, FL 32904
(800)-382-3150

Features

- Manual or auto changeover
- Programmable or non-programmable
- 2 or 4 schedules per day
- Equipment compatibility
 - 1 Heat / 1 Cool
 - 2 Heat / 2 Cool
 - 2 Heat / 1 Cool Heat Pump
 - 3 Heat / 2 Cool Heat Pump
 - 2 Heat / 1 Cool Dual Fuel
 - 3 Heat / 2 Cool Dual Fuel
- Adjustable setpoint limits
- Keyboard locks
- Adaptive recovery (optimized start)
- Smart fan logic
- Outdoor air temperature display
- 24 volts with non-volatile memory
- Large backlit display
- Integrated Modbus option
- 5 year limited warranty

The Client Universal Thermostat



OPTIONS

Keyboard Lock	Multiple level selection
Heating Setpoint Range	41° F to 120° F
Cooling Setpoint Range	43° F to 122° F
LCD Display Units	C or F
Internal Sensor Calibration	+/- 9° F
Time Display	12 or 24 hour
After Hours Override Time	0.5 - 12 hours
Adjustable Heating Limit	41° F to 120° F
Adjustable Cooling Limit	43° F to 122° F
Advanced Fan Options	Manual Auto Intelligent Fan
Adjustable Purge Cycle	0 - 5 minutes
Mode	Manual Heat / Cool Cooling Only Heating Only Auto Changeover
TT Terminal Function	Outdoor temperature sensor Indoor remote sensor Temperature averaging
Adaptive Recovery	ON or OFF
Adjustable High Balance Point	32° F to 122° F or Off
Adjustable Low Balance Point	14° F to 77° F or Off
Modbus Address	01 - 99

DIP SWITCH FUNCTIONS

SWITCH NUMBER	OFF (default)	ON
1 Equipment Type	Heat / Cool	Heat Pump
2 Equipment Stages	Single Stage	Multi-stage
3 Heat Pump Type	Conventional	Fossil
4 Reversing Valve	O (cooling)	B (heating)
5 Fan	Gas	Electric
6 Thermostat Mode	Manual	Programmable
7 Schedules	4 per day	2 per day
8 Compressor Delay	4 minutes	Disabled

DIMENSIONS



Height: 4.0"
Width: 4.375"
Depth: 0.875"

TERMINAL DESIGNATIONS

W2	Second Stage Heating or Auxiliary Heat
Y2	Second Stage Compressor
W1 - O/B	First Stage Heating or Reversing Valve
Y1	First Stage Compressor
G	Fan Relay
R	24 Volt Hot (Jumpered to '24')
24	24 Volt Hot (Jumpered to 'R')
24C	24 Volt Common
B	Modbus Communications
A	Modbus Communications
T	Remote Sensor
T	Remote Sensor

SPECIFICATIONS

Input Voltage	24VAC 50/60 Hz +/- 15%
Relay Rating	24VAC @ 1 Amp maximum per relay
Operating Temperature	32° F to 122° F
Operating RH	0-95% (non-condensing)
Storage Temperature	32° F to 105° F
Display Size	2.75" W x 1.875" H
Accuracy	+/- 0.3° @ 77° F
Temperature Sensor(s)	10K NTC type 2
Short Cycle Protection	4 minutes or OFF
Display Resolution	1.0° F
Control Range	41° F to 122° F
Outdoor Temp Display Range	-10° F to 140° F
Backlight	Blue EL (Electro Luminescent)
Backlight Life	3,000 hours to half brightness
Optimized Start/Stop	Time vs. temp differential - updating
Communications Protocol	Modbus
Approvals	FCC Part 15 (pending) C-tick
Warranty	5 Years

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