ALARM.COM®

Smart Thermostat HD
Data Sheet

ADC-T40K-HD

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Specifications

Power: 24 VAC - C wire required

Dimensions (H x W x D): 4.7 x 4.7 x 1.07''
(12 x 12 x 2.72 cm)

Operating Temperature: 41°F to 95°F
(5°C to 35°C)

Communication: Z-Wave SmartStart
Z-Wave S2 Authenticated/Unauthenticated

Compatible Systems

Near Universal 24 V Compatibility: Yes

Humidifier: Yes

Dehumidifier: Yes

Forced Air: Yes

Heat Pump: Yes – Compatible with both
O and B systems

Heat: Up to 3 stages

Cool: Up to 2 stages

Dual Fuel: Yes

Ventilation Control: HRV, ERV, External
Air Baffle

DESIGNED BY
Building36®
AN ALARM.COM COMPANY

Overview

The Smart Thermostat HD offers a sleek, color touchscreen display for an engaging customer experience that delivers the next-level of comfort and control. With mechanical wire detection, an easy setup wizard, and local configuration, the Smart Thermostat HD makes installation a breeze. The Smart Thermostat HD can also monitor the health of the heating and cooling system, deliver monthly performance reports, and even alert you to potential HVAC issues right on its display.

In the Box

- ADC-T40 thermostat
- ADC-T40-HD touchscreen display
- Installation guide
- Drywall anchors and screws (x2)
- Trim plate

Features

- Touchscreen display
- Easy to use setup wizard
- Z-Wave SmartStart and S2 compatible
- Full integration with the Alarm.com platform – Scenes, energy-saving schedules, and geo-fences
- Optional local scheduling -- install in a vacant home prior to account creation.
- Humidity control
- Vent control

Terminal Guide

Terminal	Description
RC	Cooling Power
RH	Heating Power
W2	Heat/Aux Stage 2
W	Heat/Aux Stage 1
C	Common wire from transformer
Z1	Configurable: W3, Humidifier, Dehumidifier, Vent
Z2	Configurable: W3, Humidifier, Dehumidifier, Vent
Y	Cool/Pump Stage 1
Y2	Cool/Pump Stage 2
G	Fan
O	Heat Pump Reversing Valve (Energized in COOL mode)
B	Heat Pump Reversing Valve (Energized in HEAT mode)