



# Submittal Data Sheet

## DTST-CWBSA-NI-B Daikin ONE+ Smart Thermostat

Project Name:

Location:

Engineer:

Submitted to:

Submitted by:

Reference:

Approval:

Date:

Construction:

Unit #:

Drawing #:

### MODEL COMPATIBILITY:

R-32 Unitary Split Systems	Type	Compatible Family (Models starting with)
	Outdoor Unit	DC_VS, DC7TC, DH_VS, DH_TC
	Air Handling Unit	D_VE, A_VE
	Coil	CAPE, CHPE
	Modular Blower	MBVK
	Gas Furnace	DP__MC, DR_SC, DD_SC, DD__MC, DR__TC, DD_TC

Indoor Air Quality	Home Air Monitor	DSEN-HAQA (Only compatible with ducted units)
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Ductless Mini- & Multi-Split Systems	Type	Compatible Family (Models starting with)
	R-32 12RC Indoor Units	CMXV
	R-32 S21 Indoor Units <sup>1</sup>	FTXC, FTXM <sup>4</sup>
	R-32 P1/P2 Indoor Units <sup>1</sup>	FDMA
	R-410A S21 Indoor Units <sup>1</sup>	CDXS, CTXS <sup>2</sup> , FDXS, FTX <sup>2</sup> , FTXB <sup>2</sup> , FTXF <sup>2</sup> , FTXF <sup>2</sup> FTXG <sup>^</sup> FTX09_12N <sup>2</sup> , FTX15_18_24N <sup>3</sup> , FTRX, FTXS, FVXS <sup>3</sup>
	R-410A P1/2P Indoor Units <sup>1</sup>	CDMQ, FDMQ, FFQ

<sup>1</sup> Must purchase and install communication adaptor DAPT-ONE-VMS

<sup>2</sup> Must purchase S21 adapter KRP067A41E

<sup>3</sup> Must purchase S21 adapter KRP980B2E

<sup>4</sup> Must purchase S21 adapter KER087A41

<sup>^</sup> The Sarara drying function of the QUATERNITY units is not supported with Daikin ONE+ touch smart thermostat, but the dehumidification function Daikin ONE+of thecan be used with the QUATERNITY indoor units.

SkyAir and VRV Systems <sup>5</sup>	Type	Compatible Family (Models starting with)
	R-32 VRV Indoor Units	FXAA, FXFA, FXSA, FXMA, FXTA, FXZA
	R410A VRV Indoor Units	FXAQ, FXDQ, FXFQ, FXLQ, FXMQ, FXNQ, FXSQ, FXZQ
	R-32 SkyAir Indoor Units	FAA, FBA, FCA, FTA
	R-410A SkyAir Indoor Units	FAQ, FBQ, FCQ, FHQ, FTQ

<sup>5</sup> Must purchase and install communication adaptor DAPT-ONE-VMS

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[www.daikincomfort.com](http://www.daikincomfort.com) [www.daikincity.com](http://www.daikincity.com)

(Daikin's products are subject to continuous improvements. Daikin reserves the right to modify product design, specifications and information in this data sheet without notice and without incurring any obligations)

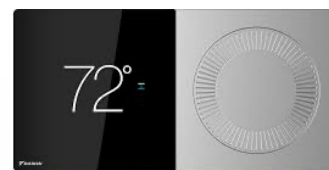
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## SPECIFICATIONS:

<b>Model</b>	DTST-CWBSA-NI-B
<b>Description</b>	Daikin ONE+ Smart Thermostat
<b>Maximum Connections</b>	1
<b>Max Wiring Length</b>	125 ft (Field-supplied, 18AWG, 4-core non-shielded stranded wire)
<b>Power Supply</b>	Obtained from the indoor unit/translation adaptor
<b>Dimensions</b>	6.75"L x 3.4"W x 4.4"H
<b>Weight</b>	10.5 oz
<b>Storage Temperature</b>	32°F to 120°F
<b>Ambient Operating Temperature</b>	32°F to 120°F
<b>Humidity</b>	20 to 95% RH (non-condensing)
<b>Compliance</b>	Compliant to California Title 24 (OCST listed), FCC Certified (FCC Part 15 subpart B), UL Listed

## PRODUCT IMAGE:

Thermostat:



## FEATURES:

- Simple, elegant industrial design
- Capacitive touchscreen user interface
- Wi-Fi-enabled smart thermostat with iOS and Android app control
- Voice control by Amazon Alexa and Google Assistant
- Multi-language support: English, Spanish, French
- 2 Auxiliary outputs configurable as humidifier, dehumidifier, primary or secondary heat source
- Over-the-air software update capable (requires wi-fi connection)
- Error and service notifications
- Programmable 7 event schedule with adjustable hold function
- Energy and comfort functions: Away mode, geo-fencing
- Outdoor environment monitoring: outdoor temperature, outdoor humidity, and weather forecast (requires wi-fi connection)
- Compatible with Daikin One Home Air Monitor for IAQ visualization (ducted systems only)
- Compatible with SkyportCare (requires wi-fi connection)
- Open API compatible for home control systems such as Control4 and Crestron
- Title 24 compliant



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## SYSTEM DIAGRAM:

Daikin Communicating AC or HP



Daikin Communicating Gas Furnace



Daikin ONE+



Daikin Communicating AC or HP



Daikin Communicating Air Handler

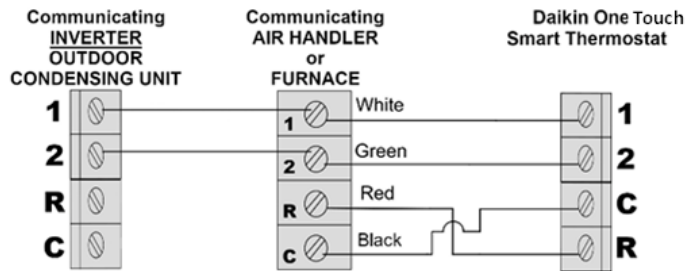


Daikin ONE+



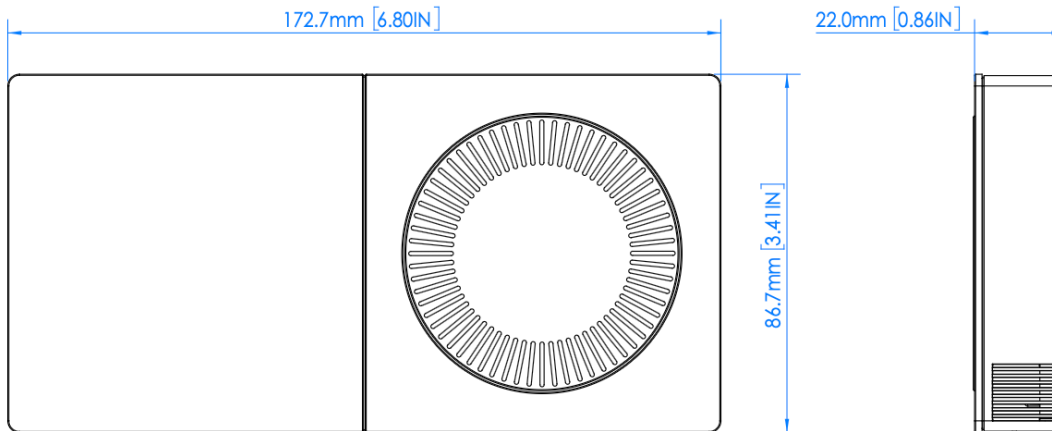
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## WIRING DIAGRAM:



## DIMENSIONS:

- Thermostat:



## DOCUMENTATION:

Documentation available on [www.daikincity.com](http://www.daikincity.com) and/or [www.daikincomfort.com](http://www.daikincomfort.com)

- Installation Manual
- Product Flyer