



1300 East 6th Street | Little Rock, AR 72202
 Phone: 501.372.2900
 Fax: 501.372.0482

Submittal Review Form

Job Title: Adranos-McHenry_MS

Job No: 2023-047

Submittal No: 237413, 237433, 238128 Package units, DOAS, Mini splits

By: JDG

Date: 11-28-2023

Reviewing is only for conformance with the design concepts of the Project and compliance with the information given in the contract documents. The Contractor is responsible for dimensions to confirmed or correlated at the site; for information that pertains solely to the fabrication process, or the means, methods, techniques, sequences, and procedures of construction; and for the coordination of the work of all other trades.

Item No.	Description	No Exception Taken	Make Corrections Noted	Revise and Resubmit	Not Accepted	Comments
1	VAV Boxes	X				Max NC of 25. Typ.
2	Condensing Units	X				
3	Packaged Units					
-	300-PAC-1	X				
-	600-PAC-1,2,3	X				
-	600-PAC-4	X				
-	400-PAC-1,2,3	X				
-	400-PAC-4,5	X				
4	DOAS Units					
-	300-DOAS-1	X				
-	600-DOAS-1	X				
-	400-DOAS-1 thru 6	X				
5	Mini Splits					

-	300-DSHP-1,2/DSS-1,2	X				<p>Approved per A/E Review Form. See my comments in submittal. Verify warranty. - Matthew McCarley, B&S</p>
-	400-DSHP-1,2,3/DSS-1,2,3	X				
-	600-DSHP-1/DSS-1	X				



Submittal

General Contractor's review is for general conformance with contractual documents. Markings or comments shall not be construed as relieving the Subcontractor/Supplier from compliance with project plans & specifications. The Supplier or Subcontractor remains responsible for confirming & coordinating all quantities and dimensions.

BALDWIN & SHELL CONSTRUCTION CO.

By M. McAuley Date 11/21/2023
Matthew McAuley

Prepared For:
Cromwell

Date:
November 13, 2023

Sold To:
Comfort Systems USA

Job Name:
Anduril Building 300

Harrison Energy Partners is pleased to provide the enclosed submittal for your review and approval.

Qty. Product Summary

1 Daikin 0.75-Ton Mini Split Heat Pump (300-DSHP/DSS-1)

DSHP-2 & DSS-2

Brynn Lea, New Systems Sales Engineer
m. 501.539.0515
harrisonenergy.com

The attached information describes the equipment we propose to furnish for this project and is submitted for your approval.



Submittal Data Sheet

0.75-Ton Wall Mounted Daikin OTERRA Heat Pump System - FTX09BXVJURX09BXVJU

Project: Anduril Building 300

Submitted by: Brynn Lea of HARRISON ENERGY PARTNERS on 11/7/2023

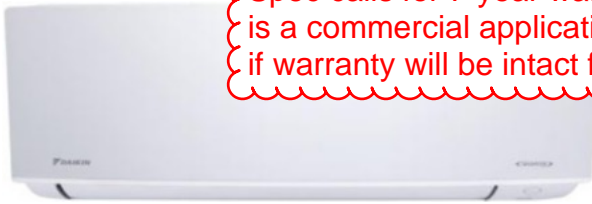
FEATURES

- Daikin Swing Compressor
- Indoor Quiet Operation
- Included Handheld Remote
- Titanium Apatite Air-Purifying Filter
- Anti-corrosion Treatment of Outdoor Heat Exchanger

BENEFITS

- Precharged Line set - 33 ft
- Cooling Operation Range - 50-115F
- Heating Operation Range - 5-65F
- 12 Year Parts and Compressor Registered Residential Warranty
- 5 year Parts and Compressor Commercial Warranty

INDOOR UNIT



OUTDOOR UNIT



Spec calls for 7-year warranty on compressor. This is a commercial application. Subcontractor to verify if warranty will be intact for this application.

Provide options on unit as shown on sheet B300-M-601.
REF "Notes" in chart.



Submittal Data Sheet

0.75-Ton Wall Mounted Daikin OTERRA Heat Pump System - FTX09BXVJURX09BXVJU

Project: Anduril Building 300

Submitted by: Brynn Lea of HARRISON ENERGY PARTNERS on 11/7/2023

SYSTEM PERFORMANCE

Indoor Unit Model No.	FTX09BXVJU	Indoor Unit Name:	0.75- Ton, Heat Pump, Wall Mounted IDU Daikin OTERRA
Outdoor Unit Model No.	RX09BXVJU	Outdoor Unit Name:	0.75 Ton, Heatpump, Ductless, ODU Daikin OTERRA
Rated Cooling Capacity (Btu/hr):	8,900	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):		Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	10,200 / 4,400	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):	2.610	Heating Input Power (kW):	2.93
SEER2 (Non-Ducted/Ducted):	20.00 /	HSPF2 (Non-Ducted/Ducted):	10.0 /
EER2 (Non-Ducted/Ducted):	12.50 /	Heating COP (Non-Ducted/Ducted):	4.1 /
Rated Heating Capacity (Btu/hr):	10,000	Rated Heating Conditions:	Indoor (°F DB/WB): 70 / 60 Ambient (°F DB/WB): 47 / 43
Max/Min Heating Capacity (Btu/hr):	13,000 / 4,400		

SYSTEM DETAILS

Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	50 - 115
Holding Refrigerant Charge (lbs):	1.54	Heating Operation Range (°F WB):	5 - 65
Additional Charge (lb/ft):	0.21	Max. Pipe Length (Vertical) (ft):	49
Pre-charge Piping (Length) (ft):	33	Cooling Range w/Baffle (°F DB):	-4 - 115
Max. Pipe Length (Total) (ft):	66		
Max Height Separation (Ind to Ind ft):	0		



Submittal Data Sheet

0.75-Ton Wall Mounted Daikin OTERRA Heat Pump System - FTX09BXVJURX09BXVJU

Project: Anduril Building 300

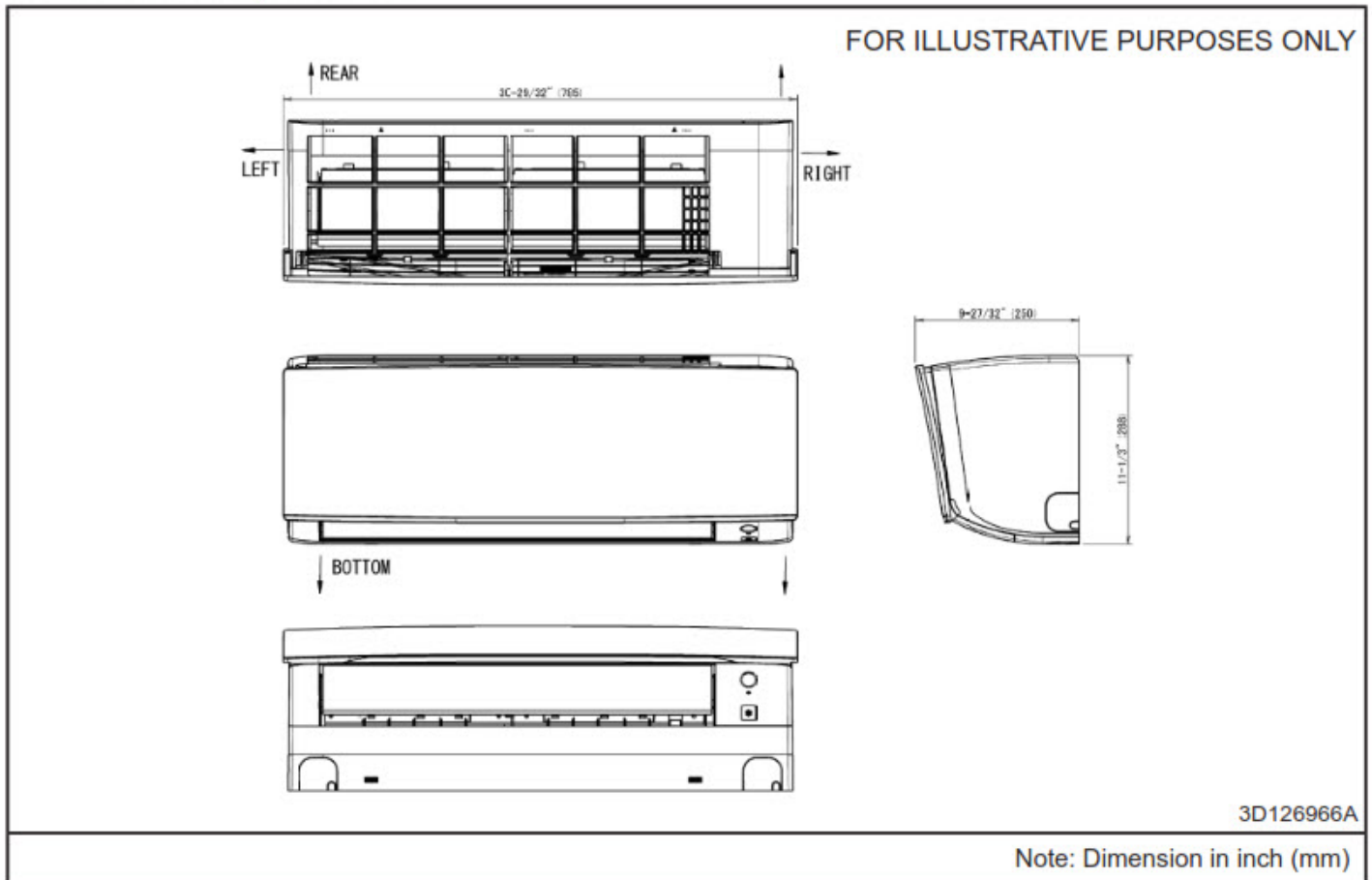
Submitted by: Brynn Lea of HARRISON ENERGY PARTNERS on 11/7/2023

INDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208/230 / 60 / 1	Airflow Rate (HH/H/M/L/SL) (CFM):	466/431/322/249/142
Power Supply Connections:	L1, L2, L3, Ground	Moisture Removal (Gal/hr):	0.1
Min. Circuit Amps MCA (A):	12.35	Gas Pipe Connection (inch):	3/8
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	1/4
Dimensions (HxWxD) (in):	11-1/3 x 30-29/32 x 9-27/32	Condensate Connection (inch):	5/8
Net Weight (lb):	20.3	Sound Pressure (H/M/L/SL) (dBA):	44/37/30/19
Ext. Static Pressure (Rated/Max) (inWg):	/	Sound Power Level (dBA):	

DIMENSIONAL DRAWING - INDOOR UNIT

Model : FTK09/12B, FTX09/12B



Submittal Data Sheet

0.75-Ton Wall Mounted Daikin OTERRA Heat Pump System - FTX09BXVJURX09BXVJU

Project: Anduril Building 300

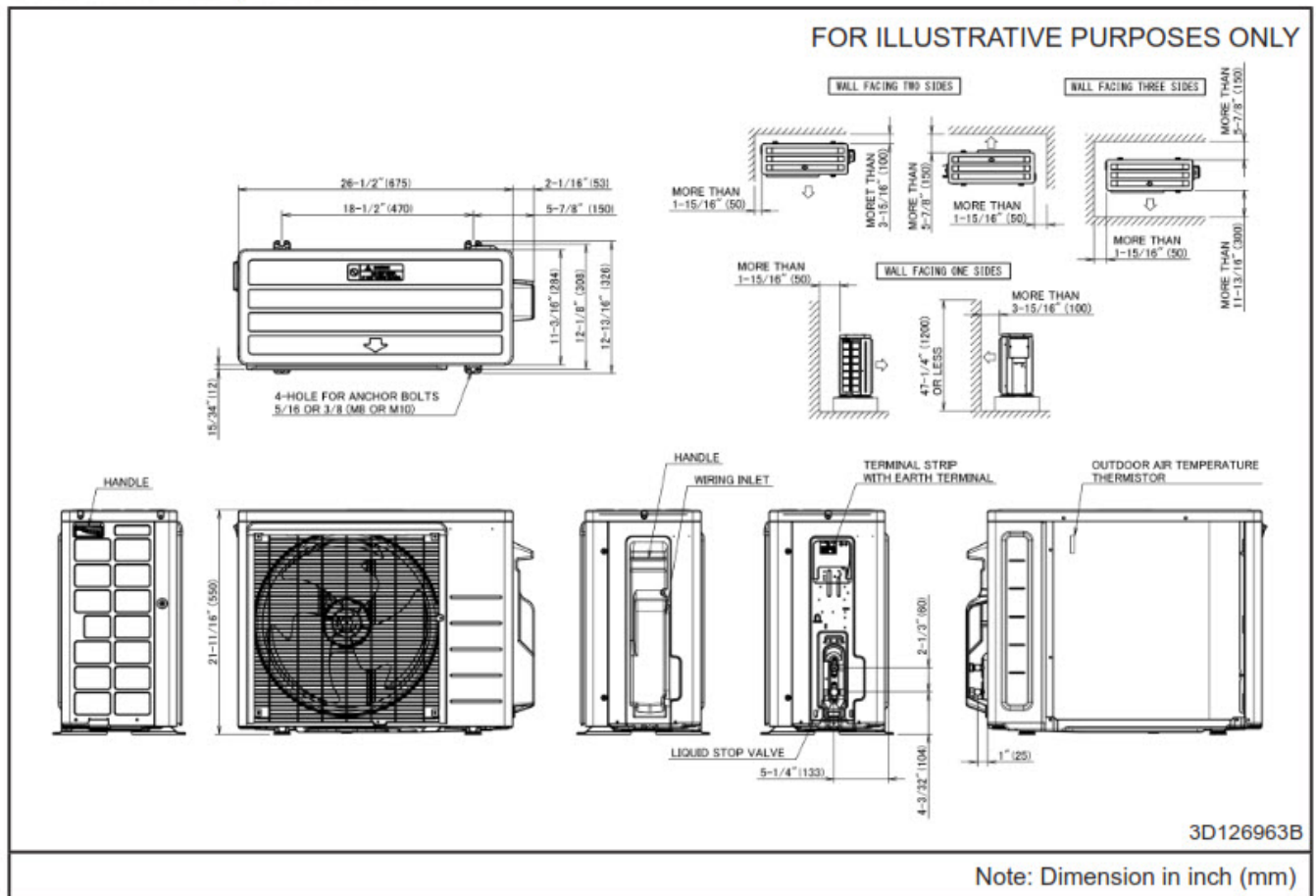
Submitted by: Brynn Lea of HARRISON ENERGY PARTNERS on 11/7/2023

OUTDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208/230 / 60 / 1	Compressor Stage:	Inverter
Power Supply Connections:	L1, L2, L3, Ground	Capacity Control Range (%):	-
Min. Circuit Amps MCA (A):	12.35	Airflow Rate (H) (CFM):	1083
Max Overcurrent Protection (MOP) (A):	15	Gas Pipe Connection (inch):	3/8
Max Starting Current MSC(A):		Liquid Pipe Connection (inch):	1/4
Rated Load Amps RLA(A):		Sound Pressure (H) (dBA):	44
Dimensions (HxWxD) (in):	21-11/16 x 26-1/2 x 11-3/16	Sound Power Level (dBA):	
Net Weight (lb):	55		

DIMENSIONAL DRAWING - OUTDOOR UNIT

Model : RK09/12B, RX09/12B





Submittal Data Sheet

0.75-Ton Wall Mounted Daikin OTERRA Heat Pump System - FTX09BXVJURX09BXVJU

Project: Anduril Building 300

Submitted by: Brynn Lea of HARRISON ENERGY PARTNERS on 11/7/2023

INDOOR ACCESSORIES

PART NUMBER	DESCRIPTION	INCLUDED
AZAI6WSCDKB	DKN Residential Cloud Wi-Fi Adaptor for Single- and Multi-Zone System (S21)	No
AZAI6WSPDKC	DKN Plus Interface	No
BRC51D61	Wired Remote Controller Kit	No
DACA-CP1-1	Mini Aqua Condensate Pump	No
DACA-CP4-1	MINI WHITE PUMP KIT 100-250V	No
DTST-LTE-LA-A	Daikin One Lite (with Translation Adaptor for S21 only)	No
DTST-ONE-ADA-A	Daikin One+ Smart Thermostat for VRV, SkyAir, Single- and Multi-Zone System	No

OUTDOOR ACCESSORIES

PART NUMBER	DESCRIPTION	INCLUDED
DACA-WB-1	Powder-Coated Wall-Mounted Bracket	No
KEH067A41E	Daikin BMS DrainPan Heater Small RX09,12 and RXN09,12	No
KKG067A41	Back protection wire net (09 & 12)	No
KPW937F4	Air direction adjustment grille (09 & 12)	No



Submittal Data Sheet

DTST-LTE-LA-A– Daikin One Lite Smart Thermostat for Mini-Split, and Multi-Split Units

Project Name:	Approval:
Location:	Date:
Engineer:	Construction:
Submitted to:	Unit #:
Submitted by:	Drawing #:
Reference:	

MODEL COMPATIBILITY:

Compatible with Single-Zone and Multi-Zone indoor unit models: CDXS(discontinued), CTXS*, FDXS(discontinued), FTK*, FTXB*, FTX, FTXR, FTXS, FVXS

*Not compatible with FTK_AXVJU, FTX_AXVJU, FTKB_AXVJU, FTXB_AXVJU, CTX_AXVJU

The following indoor units do not have the S21 connection and require an additional interface adaptor (ordered separately) to provide the S21 connect for the One Lite communication:

Indoor Unit Models	Required Interface Adaptor
FTX09NMVJU(A), FTX12NMVJU(A), FTX09WMVJU9, FTX12WMVJU9	KRP067A41E
FTX15NMVJU(A), FTX15WMVJU9	KRP980B2E

SPECIFICATIONS:

Model		DTST-LTE-LA-A
Description		Daikin One Lite Smart Thermostat for Mini-Split and Multi-Split Units
Maximum Connections		1 for S21 indoor units (cannot use together with another wireless remote controller or wired remote controller)
Max Wiring Length	Power Wire	5.5 ft (included)
	Thermostat Wire	125 ft (Field-supplied, 18AWG, 4-core non-shielded stranded wire)
	S21 Communication Wire	6 ft (included)
Power Supply	Thermostat	Obtained from the translation adaptor
	Translation Adaptor	230 VAC
Dimensions	Thermostat	3.3"W x 3.3"H x 1.04"D
	Translation Adaptor	7.33"W x 2.0"H x 1.99"D
Weight	Thermostat	4 oz
	Translation Adaptor	9 oz
Storage Temperature		32°F to 120°F
Ambient Operation Temperature	Thermostat	32°F to 120°F
	Translation Adaptor	32°F to 120°F
Humidity		20 to 95% RH (non-condensing)
Compliance		Compliant to California Title 24 (OCST listed), FCC Certified (FCC Part 15 subpart B), UL Listed

PRODUCT IMAGE:



Daikin North America LLC, 5151 San Felipe, Suite 500, Houston TX, 77056
www.daikinac.com 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)

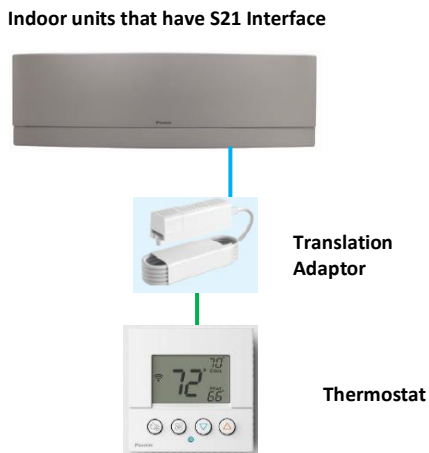
Project Name:	Approval:
Location:	Date:
Engineer:	Construction:
Submitted to:	Unit #:
Submitted by:	Drawing #:
Reference:	

FEATURES:

- Compact, non-intrusive design suitable for most interior environments
- Multifunction push buttons labeled for mode, fan, setpoint up, set point down
- Wifi-enabled smart thermostat with iOS and Android app control
- Voice control by Amazon Alexa and Google Assistant
- Installer wizard app available (recommended). Set up using buttons is possible, but not recommended
- Multi-language support: English, Spanish, French (Daikin One Home app only)
- Built-in temperature and humidity sensors
- 1 Auxiliary Heat output (dry contact), configurable as primary or secondary heat source
- Over-the-air software update capable (requires wi-fi connection)
- Indoor unit Control: Mode (Auto/Heat/Cool/Aux Heat/Emergency Heat), Setpoint (Dual/Single), Fan Speed, Louver, Fan On/Auto (with minimum run time)
- LED Mode indicator for heating and cooling
- Dehumidification function
- Error and maintenance notification
- Programmable schedule with adjustable hold function
- Energy and comfort functions: Vacation/Away/Night mode, and geo-fencing
- Outdoor environment monitoring: outdoor temperature, outdoor humidity, and weather forecast (on homeowner app only)
- Compatible Daikin One Cloud Services

SYSTEM DIAGRAM:

For S21 indoor units (CDXS(discontinued), CTXS*, FDXS (discontinued), FTK*, FTXB*, FTX, FTXG, FTXR, FTXS, FVXS) (*see exceptions on page 1):



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Submittal Data Sheet

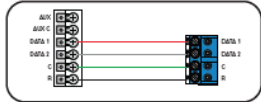
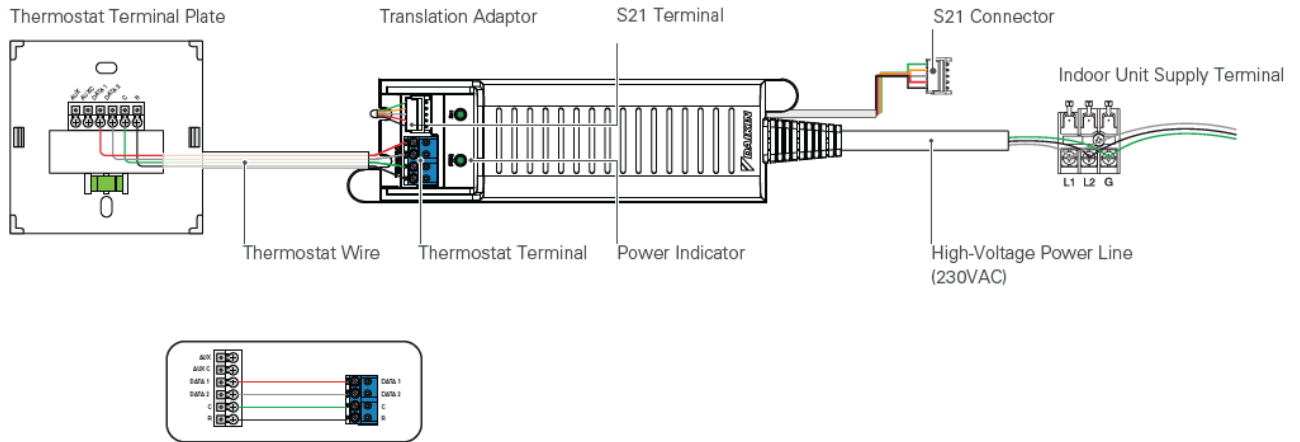
DTST-LTE-LA-A- Daikin One Lite Smart Thermostat for Mini-Split, and Multi-Split Units

Project Name: _____
 Location: _____
 Engineer: _____
 Submitted to: _____
 Submitted by: _____
 Reference: _____

Approval: _____
 Date: _____
 Construction: _____
 Unit #: _____
 Drawing #: _____

WIRING DIAGRAM:

For S21 indoor units (CDXS, CTXS, FDMQ, FDXS, FFQ, FTK, FTX, FTXG, FTXR, FTXS, FVXS)



Note:
 Wires should match up on thermostat terminal plate and thermostat terminal

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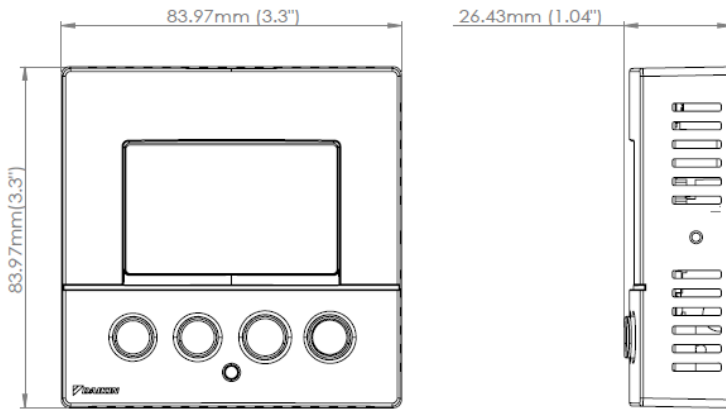
Submittal Data Sheet

DTST-LTE-LA-A- Daikin One Lite Smart Thermostat
for Mini-Split, and Multi-Split Units

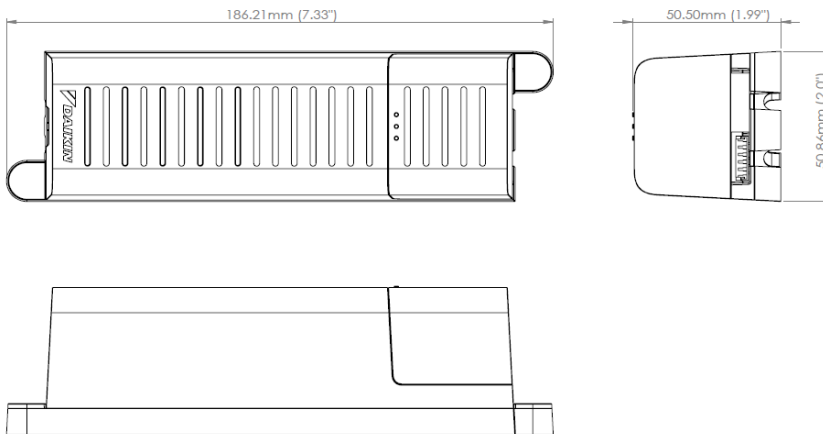
Project Name:		Approval:	
Location:		Date:	
Engineer:		Construction:	
Submitted to:		Unit #:	
Submitted by:		Drawing #:	
Reference:			

DIMENSIONS:

- Thermostat:



- Translation Adaptor:



DOCUMENTATION:

Documentation available on www.daikinone.com:

- Submittal
- Installation Manual
- Product Flyer

Daikin North America LLC, 5151 San Felipe, Suite 500, Houston TX, 77056

www.daikinac.com www.daikincity.com

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Submittal Data Sheet

Wind Baffle
KPW937F4

DESCRIPTION

Wind Baffle mounts over the standard air grille and allows adjustment in air blow-off direction.

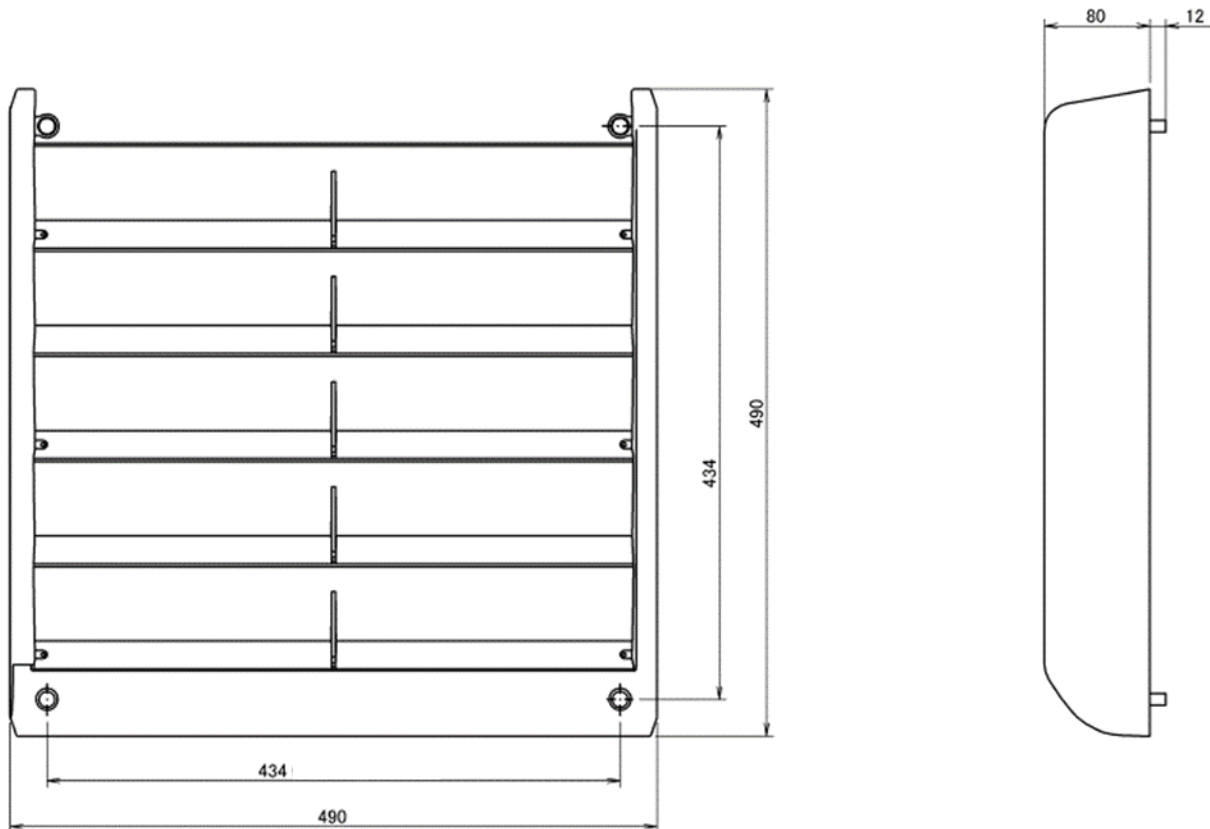


Image for REFERENCE ONLY

SPECIFICATIONS

Model No:	KPW937F4	
Unit Compatibility:	RK09NMVJU, RK12NMVJU, RX09NMVJU, RX12NMVJU, RX09RMVJU(9), RX12RMVJU(9), RXL09QMVJU, RXL12QMVJU(9), RXS09LVJU, RXS12LVJU, RXG09HVJU, RXG12HVJU, RXG15HVJU	Qty (1)
Unit Names:	Wind Baffle	
Dimensions (WxHxD):	19-5/16" x 19-5/16" x 3-5/8" (490mm x 490mm x 92mm)	
Shipping Unit Weight:	6.75 lb.	
Material:	Flame Retardant Grade UL94V-HB	

DIMENSIONAL DRAWING (mm)



Daikin North America LLC, 5151 San Felipe, Suite 500, Houston TX, 77056
www.daikinac.com www.daikincomfort.com

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Harrison
Energy Partners

Submittal

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BALDWIN & SHELL CONSTRUCTION CO.

By Matthew McCarley Date 11/21/2023
Matthew McCarley

Prepared For:
Cromwell

Date:
November 13, 2023

Sold To:
Comfort Systems USA

Job Name:
Anduril Building 400

Harrison Energy Partners is pleased to provide the enclosed submittal for your review and approval.

Qty. Product Summary

3 Daikin 0.75-Ton Mini Split Heat Pump (400-DSHP/DSS-1,2,3)

Brynn Lea, New Systems Sales Engineer
m. 501.539.0515
harrisonenergy.com

The attached information describes the equipment we propose to furnish for this project and is submitted for your approval.



Submittal Data Sheet

0.75-Ton Wall Mounted Daikin OTERRA Heat Pump System - FTX09BXVJURX09BXVJU

Project: Anduril Building 400

Submitted by: Brynn Lea of HARRISON ENERGY PARTNERS on 11/7/2023

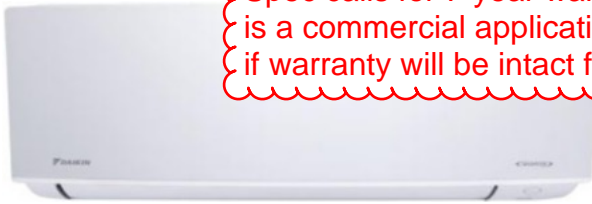
FEATURES

- Daikin Swing Compressor
- Indoor Quiet Operation
- Included Handheld Remote
- Titanium Apatite Air-Purifying Filter
- Anti-corrosion Treatment of Outdoor Heat Exchanger

BENEFITS

- Precharged Line set - 33 ft
- Cooling Operation Range - 50-115F
- Heating Operation Range - 5-65F
- 12 Year Parts and Compressor Registered Residential Warranty
- 5 year Parts and Compressor Commercial Warranty

INDOOR UNIT



OUTDOOR UNIT



Spec calls for 7-year warranty on compressor. This is a commercial application. Subcontractor to verify if warranty will be intact for this application.

Provide options on unit as shown on sheet B400-M-601.
REF "Notes" in chart.



Submittal Data Sheet

0.75-Ton Wall Mounted Daikin OTERRA Heat Pump System - FTX09BXVJURX09BXVJU

Project: Anduril Building 400

Submitted by: Brynn Lea of HARRISON ENERGY PARTNERS on 11/7/2023

SYSTEM PERFORMANCE

Indoor Unit Model No.	FTX09BXVJU	Indoor Unit Name:	0.75- Ton, Heat Pump, Wall Mounted IDU Daikin OTERRA
Outdoor Unit Model No.	RX09BXVJU	Outdoor Unit Name:	0.75 Ton, Heatpump, Ductless, ODU Daikin OTERRA
Rated Cooling Capacity (Btu/hr):	8,900	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):		Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	10,200 / 4,400	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):	2.610	Heating Input Power (kW):	2.93
SEER2 (Non-Ducted/Ducted):	20.00 /	HSPF2 (Non-Ducted/Ducted):	10.0 /
EER2 (Non-Ducted/Ducted):	12.50 /	Heating COP (Non-Ducted/Ducted):	4.1 /
Rated Heating Capacity (Btu/hr):	10,000	Rated Heating Conditions:	Indoor (°F DB/WB): 70 / 60 Ambient (°F DB/WB): 47 / 43
Max/Min Heating Capacity (Btu/hr):	13,000 / 4,400		

SYSTEM DETAILS

Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	50 - 115
Holding Refrigerant Charge (lbs):	1.54	Heating Operation Range (°F WB):	5 - 65
Additional Charge (lb/ft):	0.21	Max. Pipe Length (Vertical) (ft):	49
Pre-charge Piping (Length) (ft):	33	Cooling Range w/Baffle (°F DB):	-4 - 115
Max. Pipe Length (Total) (ft):	66		
Max Height Separation (Ind to Ind ft):	0		



Submittal Data Sheet

0.75-Ton Wall Mounted Daikin OTERRA Heat Pump System - FTX09BXVJURX09BXVJU

Project: Anduril Building 400

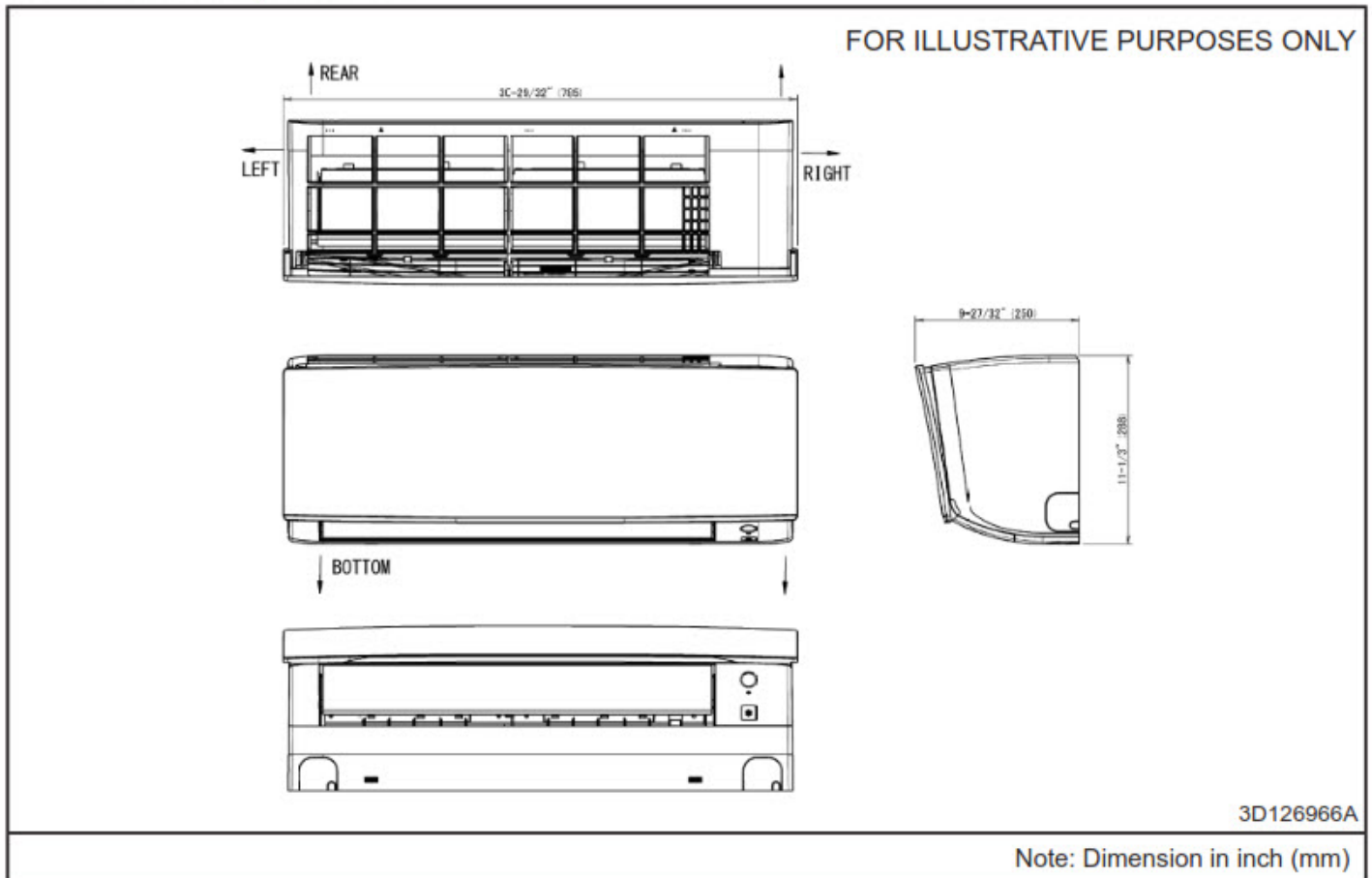
Submitted by: Brynn Lea of HARRISON ENERGY PARTNERS on 11/7/2023

INDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208/230 / 60 / 1	Airflow Rate (HH/H/M/L/SL) (CFM):	466/431/322/249/142
Power Supply Connections:	L1, L2, L3, Ground	Moisture Removal (Gal/hr):	0.1
Min. Circuit Amps MCA (A):	12.35	Gas Pipe Connection (inch):	3/8
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	1/4
Dimensions (HxWxD) (in):	11-1/3 x 30-29/32 x 9-27/32	Condensate Connection (inch):	5/8
Net Weight (lb):	20.3	Sound Pressure (H/M/L/SL) (dBA):	44/37/30/19
Ext. Static Pressure (Rated/Max) (inWg):	/	Sound Power Level (dBA):	

DIMENSIONAL DRAWING - INDOOR UNIT

Model : FTK09/12B, FTX09/12B



Submittal Data Sheet

0.75-Ton Wall Mounted Daikin OTERRA Heat Pump System - FTX09BXVJURX09BXVJU

Project: Anduril Building 400

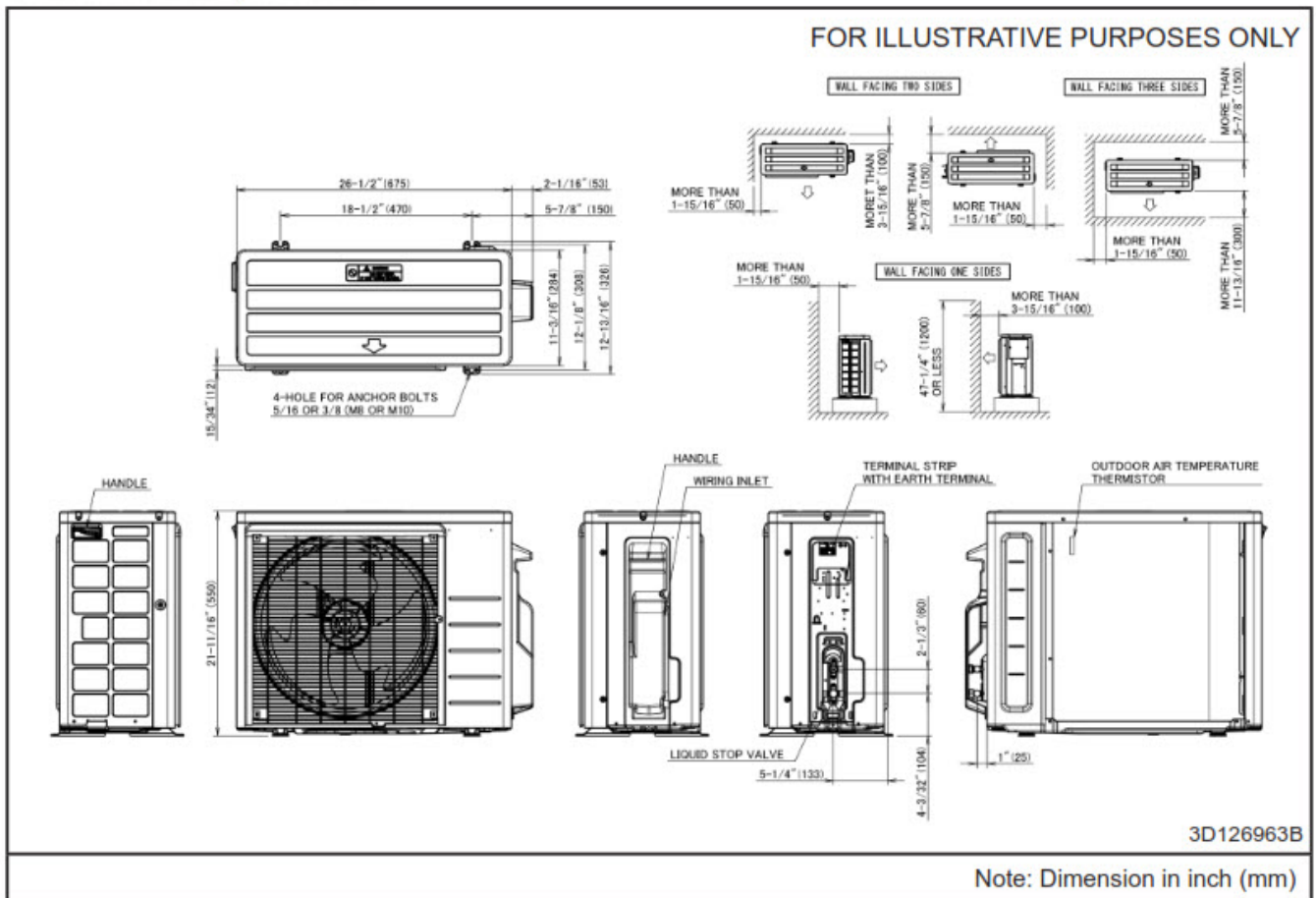
Submitted by: Brynn Lea of HARRISON ENERGY PARTNERS on 11/7/2023

OUTDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208/230 / 60 / 1	Compressor Stage:	Inverter
Power Supply Connections:	L1, L2, L3, Ground	Capacity Control Range (%):	-
Min. Circuit Amps MCA (A):	12.35	Airflow Rate (H) (CFM):	1083
Max Overcurrent Protection (MOP) (A):	15	Gas Pipe Connection (inch):	3/8
Max Starting Current MSC(A):		Liquid Pipe Connection (inch):	1/4
Rated Load Amps RLA(A):		Sound Pressure (H) (dBA):	44
Dimensions (HxWxD) (in):	21-11/16 x 26-1/2 x 11-3/16	Sound Power Level (dBA):	
Net Weight (lb):	55		

DIMENSIONAL DRAWING - OUTDOOR UNIT

Model : RK09/12B, RX09/12B





Submittal Data Sheet

0.75-Ton Wall Mounted Daikin OTERRA Heat Pump System - FTX09BXVJURX09BXVJU

Project: Anduril Building 400

Submitted by: Brynn Lea of HARRISON ENERGY PARTNERS on 11/7/2023

INDOOR ACCESSORIES

PART NUMBER	DESCRIPTION	INCLUDED
AZAI6WSCDKB	DKN Residential Cloud Wi-Fi Adaptor for Single- and Multi-Zone System (S21)	No
AZAI6WSPDKC	DKN Plus Interface	No
BRC51D61	Wired Remote Controller Kit	No
DACA-CP1-1	Mini Aqua Condensate Pump	No
DACA-CP4-1	MINI WHITE PUMP KIT 100-250V	No
DTST-LTE-LA-A	Daikin One Lite (with Translation Adaptor for S21 only)	No
DTST-ONE-ADA-A	Daikin One+ Smart Thermostat for VRV, SkyAir, Single- and Multi-Zone System	No

OUTDOOR ACCESSORIES

PART NUMBER	DESCRIPTION	INCLUDED
DACA-WB-1	Powder-Coated Wall-Mounted Bracket	No
KEH067A41E	Daikin BMS DrainPan Heater Small RX09,12 and RXN09,12	No
KKG067A41	Back protection wire net (09 & 12)	No
KPW937F4	Air direction adjustment grille (09 & 12)	No



Submittal Data Sheet

DTST-LTE-LA-A– Daikin One Lite Smart Thermostat for Mini-Split, and Multi-Split Units

Project Name:	Approval:
Location:	Date:
Engineer:	Construction:
Submitted to:	Unit #:
Submitted by:	Drawing #:
Reference:	

MODEL COMPATIBILITY:

Compatible with Single-Zone and Multi-Zone indoor unit models: CDXS(discontinued), CTXS*, FDXS(discontinued), FTK*, FTXB*, FTX, FTXR, FTXS, FVXS

*Not compatible with FTK_AXVJU, FTX_AXVJU, FTKB_AXVJU, FTXB_AXVJU, CTX_AXVJU

The following indoor units do not have the S21 connection and require an additional interface adaptor (ordered separately) to provide the S21 connect for the One Lite communication:

Indoor Unit Models	Required Interface Adaptor
FTX09NMVJU(A), FTX12NMVJU(A), FTX09WMVJU9, FTX12WMVJU9	KRP067A41E
FTX15NMVJU(A), FTX15WMVJU9	KRP980B2E

SPECIFICATIONS:

Model		DTST-LTE-LA-A
Description		Daikin One Lite Smart Thermostat for Mini-Split and Multi-Split Units
Maximum Connections		1 for S21 indoor units (cannot use together with another wireless remote controller or wired remote controller)
Max Wiring Length	Power Wire	5.5 ft (included)
	Thermostat Wire	125 ft (Field-supplied, 18AWG, 4-core non-shielded stranded wire)
	S21 Communication Wire	6 ft (included)
Power Supply	Thermostat	Obtained from the translation adaptor
	Translation Adaptor	230 VAC
Dimensions	Thermostat	3.3"W x 3.3"H x 1.04"D
	Translation Adaptor	7.33"W x 2.0"H x 1.99"D
Weight	Thermostat	4 oz
	Translation Adaptor	9 oz
Storage Temperature		32°F to 120°F
Ambient Operation Temperature	Thermostat	32°F to 120°F
	Translation Adaptor	32°F to 120°F
Humidity		20 to 95% RH (non-condensing)
Compliance		Compliant to California Title 24 (OCST listed), FCC Certified (FCC Part 15 subpart B), UL Listed

PRODUCT IMAGE:

Thermostat:



Translation Adaptor:



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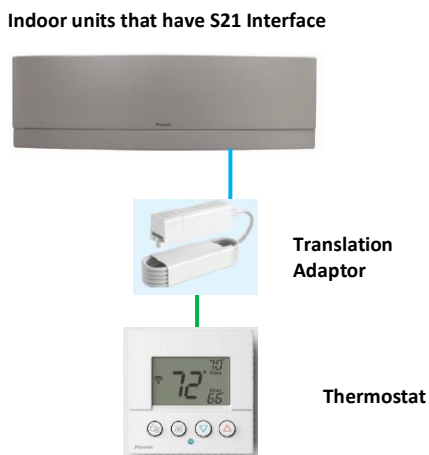
Project Name:	Approval:
Location:	Date:
Engineer:	Construction:
Submitted to:	Unit #:
Submitted by:	Drawing #:
Reference:	

FEATURES:

- Compact, non-intrusive design suitable for most interior environments
- Multifunction push buttons labeled for mode, fan, setpoint up, set point down
- Wifi-enabled smart thermostat with iOS and Android app control
- Voice control by Amazon Alexa and Google Assistant
- Installer wizard app available (recommended). Set up using buttons is possible, but not recommended
- Multi-language support: English, Spanish, French (Daikin One Home app only)
- Built-in temperature and humidity sensors
- 1 Auxiliary Heat output (dry contact), configurable as primary or secondary heat source
- Over-the-air software update capable (requires wi-fi connection)
- Indoor unit Control: Mode (Auto/Heat/Cool/Aux Heat/Emergency Heat), Setpoint (Dual/Single), Fan Speed, Louver, Fan On/Auto (with minimum run time)
- LED Mode indicator for heating and cooling
- Dehumidification function
- Error and maintenance notification
- Programmable schedule with adjustable hold function
- Energy and comfort functions: Vacation/Away/Night mode, and geo-fencing
- Outdoor environment monitoring: outdoor temperature, outdoor humidity, and weather forecast (on homeowner app only)
- Compatible Daikin One Cloud Services

SYSTEM DIAGRAM:

For S21 indoor units (CDXS(discontinued), CTXS*, FDXS (discontinued), FTK*, FTXB*, FTX, FTXG, FTXR, FTXS, FVXS) (*see exceptions on page 1):



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Submittal Data Sheet

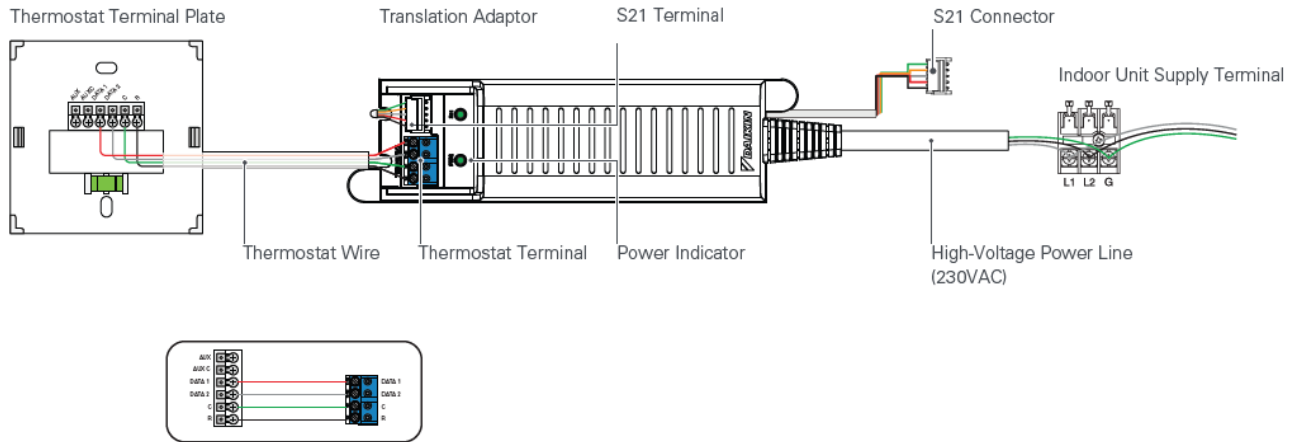
DTST-LTE-LA-A- Daikin One Lite Smart Thermostat
for Mini-Split, and Multi-Split Units

Project Name: _____
Location: _____
Engineer: _____
Submitted to: _____
Submitted by: _____
Reference: _____

Approval: _____
Date: _____
Construction: _____
Unit #: _____
Drawing #: _____

WIRING DIAGRAM:

For S21 indoor units (CDXS, CTXS, FDMQ, FDXS, FFQ, FTK, FTX, FTXG, FTXR, FTXS, FVXS)



Note:
Wires should match up on thermostat terminal plate and thermostat terminal

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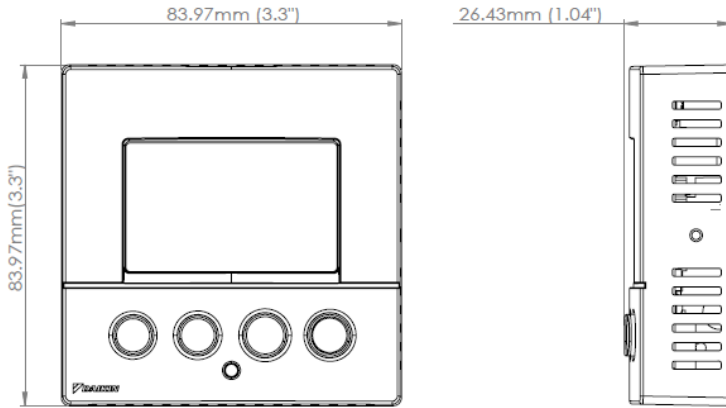
Submittal Data Sheet

DTST-LTE-LA-A- Daikin One Lite Smart Thermostat
for Mini-Split, and Multi-Split Units

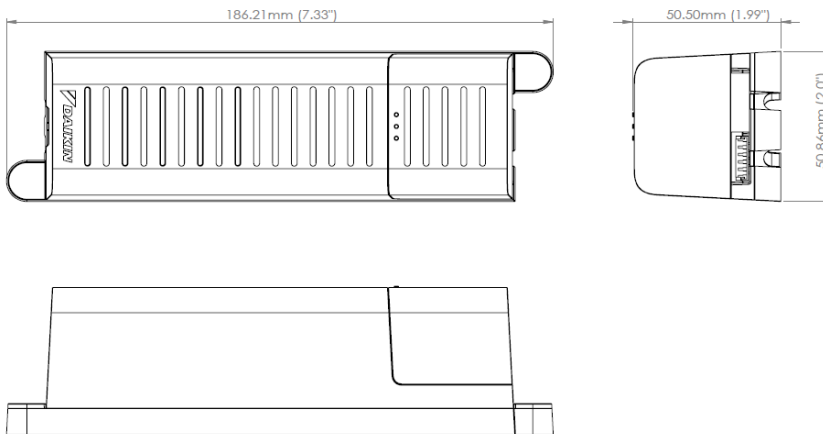
Project Name:		Approval:	
Location:		Date:	
Engineer:		Construction:	
Submitted to:		Unit #:	
Submitted by:		Drawing #:	
Reference:			

DIMENSIONS:

- Thermostat:



- Translation Adaptor:



DOCUMENTATION:

Documentation available on www.daikinone.com:

- Submittal
- Installation Manual
- Product Flyer

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Submittal Data Sheet

Wind Baffle
KPW937F4

DESCRIPTION

Wind Baffle mounts over the standard air grille and allows adjustment in air blow-off direction.

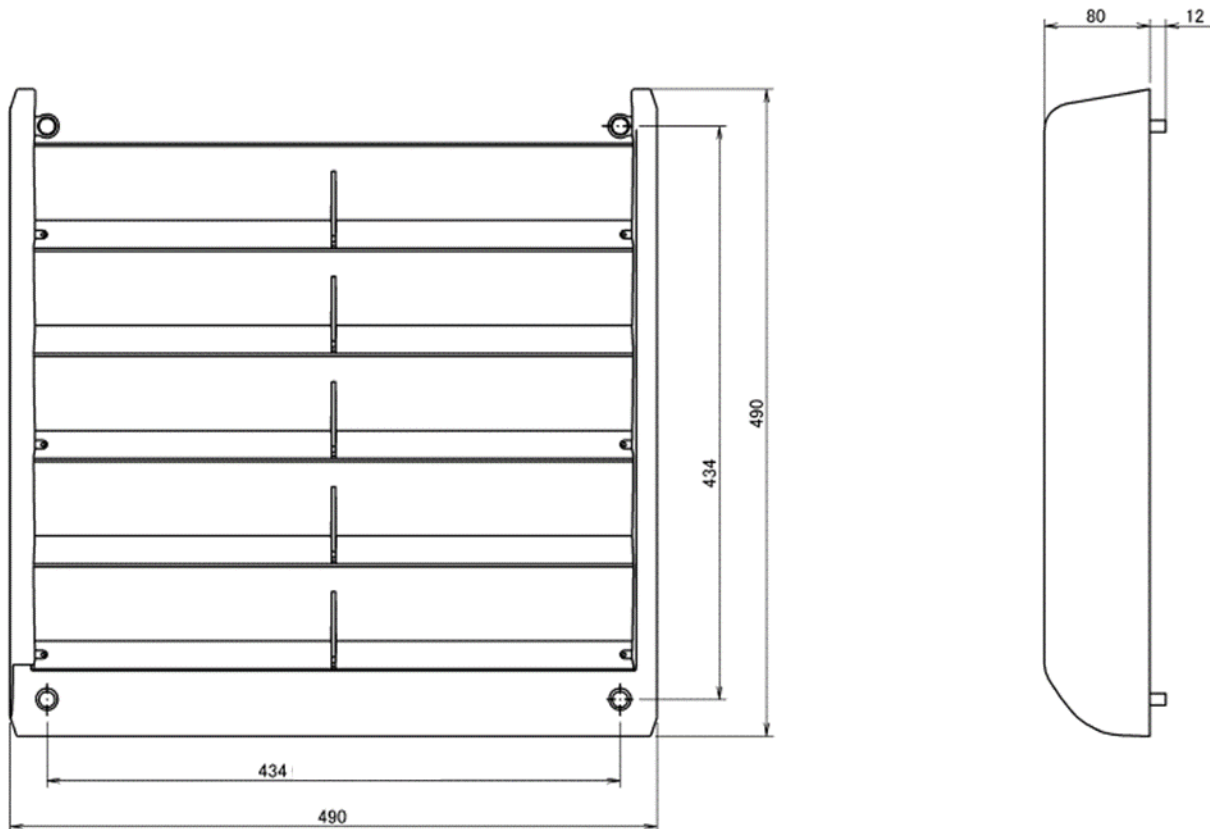


Image for REFERENCE ONLY

SPECIFICATIONS

Model No:	KPW937F4	
Unit Compatibility:	RK09NMVJU, RK12NMVJU, RX09NMVJU, RX12NMVJU, RX09RMVJU(9), RX12RMVJU(9), RXL09QMVJU, RXL12QMVJU(9), RXS09LVJU, RXS12LVJU, RXG09HVJU, RXG12HVJU, RXG15HVJU	Qty (1)
Unit Names:	Wind Baffle	
Dimensions (WxHxD):	19-5/16" x 19-5/16" x 3-5/8" (490mm x 490mm x 92mm)	
Shipping Unit Weight:	6.75 lb.	
Material:	Flame Retardant Grade UL94V-HB	

DIMENSIONAL DRAWING (mm)



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Harrison
Energy Partners

Submittal

General Contractor's review is for general conformance with contractual documents. Markings or comments shall not be construed as relieving the Subcontractor/Supplier from compliance with project plans & specifications. The Supplier or Subcontractor remains responsible for confirming & coordinating all quantities and dimensions.

BALDWIN & SHELL CONSTRUCTION CO.

By Matthew McCauley Date 11/21/2023
Matthew McCauley

Prepared For:
Cromwell

Date:
November 13, 2023

Sold To:
Comfort Systems USA

Job Name:
Anduril Building 600

Harrison Energy Partners is pleased to provide the enclosed submittal for your review and approval.

Qty. Product Summary

1 Daikin 0.75-Ton Mini Split Heat Pump (600-DSHP/DSS-1)

Brynn Lea, New Systems Sales Engineer
m. 501.539.0515
harrisonenergy.com

The attached information describes the equipment we propose to furnish for this project and is submitted for your approval.



Submittal Data Sheet

0.75-Ton Wall Mounted Daikin OTERRA Heat Pump System - FTX09BXVJURX09BXVJU

Project: Anduril Building 600

Submitted by: Brynn Lea of HARRISON ENERGY PARTNERS on 11/7/2023

FEATURES

- Daikin Swing Compressor
- Indoor Quiet Operation
- Included Handheld Remote
- Titanium Apatite Air-Purifying Filter
- Anti-corrosion Treatment of Outdoor Heat Exchanger

BENEFITS

- Precharged Line set - 33 ft
- Cooling Operation Range - 50-115F
- Heating Operation Range - 5-65F
- 12 Year Parts and Compressor Registered Residential Warranty
- 5 year Parts and Compressor Commercial Warranty

INDOOR UNIT



OUTDOOR UNIT



Spec calls for 7-year warranty on compressor. This is a commercial application. Subcontractor to verify if warranty will be intact for this application.

Provide options on unit as shown on sheet B600-M-601.
REF "Notes" in chart.



Submittal Data Sheet

0.75-Ton Wall Mounted Daikin OTERRA Heat Pump System - FTX09BXVJURX09BXVJU

Project: Anduril Building 600

Submitted by: Brynn Lea of HARRISON ENERGY PARTNERS on 11/7/2023

SYSTEM PERFORMANCE

Indoor Unit Model No.	FTX09BXVJU	Indoor Unit Name:	0.75- Ton, Heat Pump, Wall Mounted IDU Daikin OTERRA
Outdoor Unit Model No.	RX09BXVJU	Outdoor Unit Name:	0.75 Ton, Heatpump, Ductless, ODU Daikin OTERRA
Rated Cooling Capacity (Btu/hr):	8,900	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):		Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	10,200 / 4,400	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):	2.610	Heating Input Power (kW):	2.93
SEER2 (Non-Ducted/Ducted):	20.00 /	HSPF2 (Non-Ducted/Ducted):	10.0 /
EER2 (Non-Ducted/Ducted):	12.50 /	Heating COP (Non-Ducted/Ducted):	4.1 /
Rated Heating Capacity (Btu/hr):	10,000	Rated Heating Conditions:	Indoor (°F DB/WB): 70 / 60 Ambient (°F DB/WB): 47 / 43
Max/Min Heating Capacity (Btu/hr):	13,000 / 4,400		

SYSTEM DETAILS

Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	50 - 115
Holding Refrigerant Charge (lbs):	1.54	Heating Operation Range (°F WB):	5 - 65
Additional Charge (lb/ft):	0.21	Max. Pipe Length (Vertical) (ft):	49
Pre-charge Piping (Length) (ft):	33	Cooling Range w/Baffle (°F DB):	-4 - 115
Max. Pipe Length (Total) (ft):	66		
Max Height Separation (Ind to Ind ft):	0		



Submittal Data Sheet

0.75-Ton Wall Mounted Daikin OTERRA Heat Pump System - FTX09BXVJURX09BXVJU

Project: Anduril Building 600

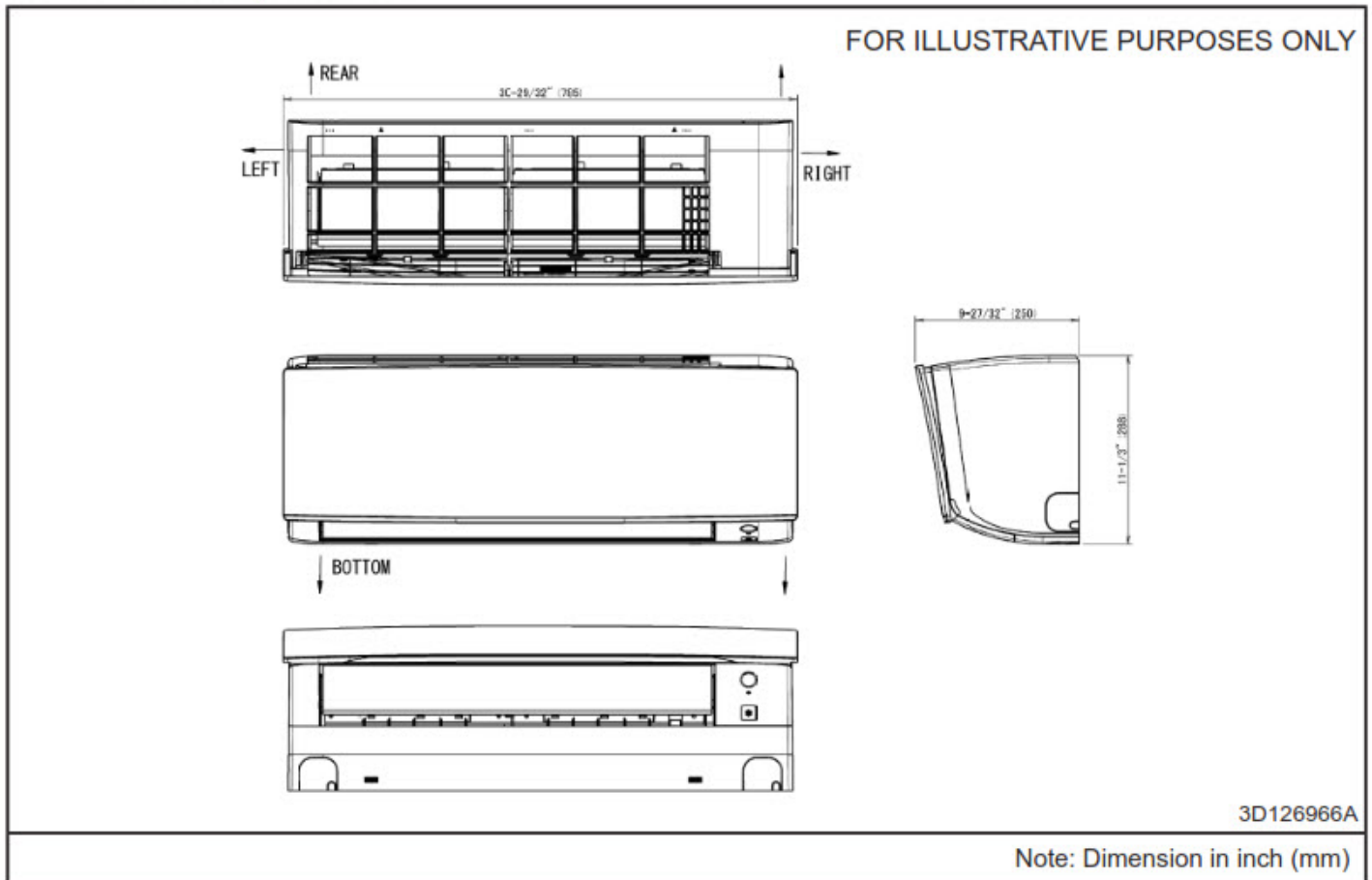
Submitted by: Brynn Lea of HARRISON ENERGY PARTNERS on 11/7/2023

INDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208/230 / 60 / 1	Airflow Rate (HH/H/M/L/SL) (CFM):	466/431/322/249/142
Power Supply Connections:	L1, L2, L3, Ground	Moisture Removal (Gal/hr):	0.1
Min. Circuit Amps MCA (A):	12.35	Gas Pipe Connection (inch):	3/8
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	1/4
Dimensions (HxWxD) (in):	11-1/3 x 30-29/32 x 9-27/32	Condensate Connection (inch):	5/8
Net Weight (lb):	20.3	Sound Pressure (H/M/L/SL) (dBA):	44/37/30/19
Ext. Static Pressure (Rated/Max) (inWg):	/	Sound Power Level (dBA):	

DIMENSIONAL DRAWING - INDOOR UNIT

Model : FTK09/12B, FTX09/12B



Submittal Data Sheet

0.75-Ton Wall Mounted Daikin OTERRA Heat Pump System - FTX09BXVJURX09BXVJU

Project: Anduril Building 600

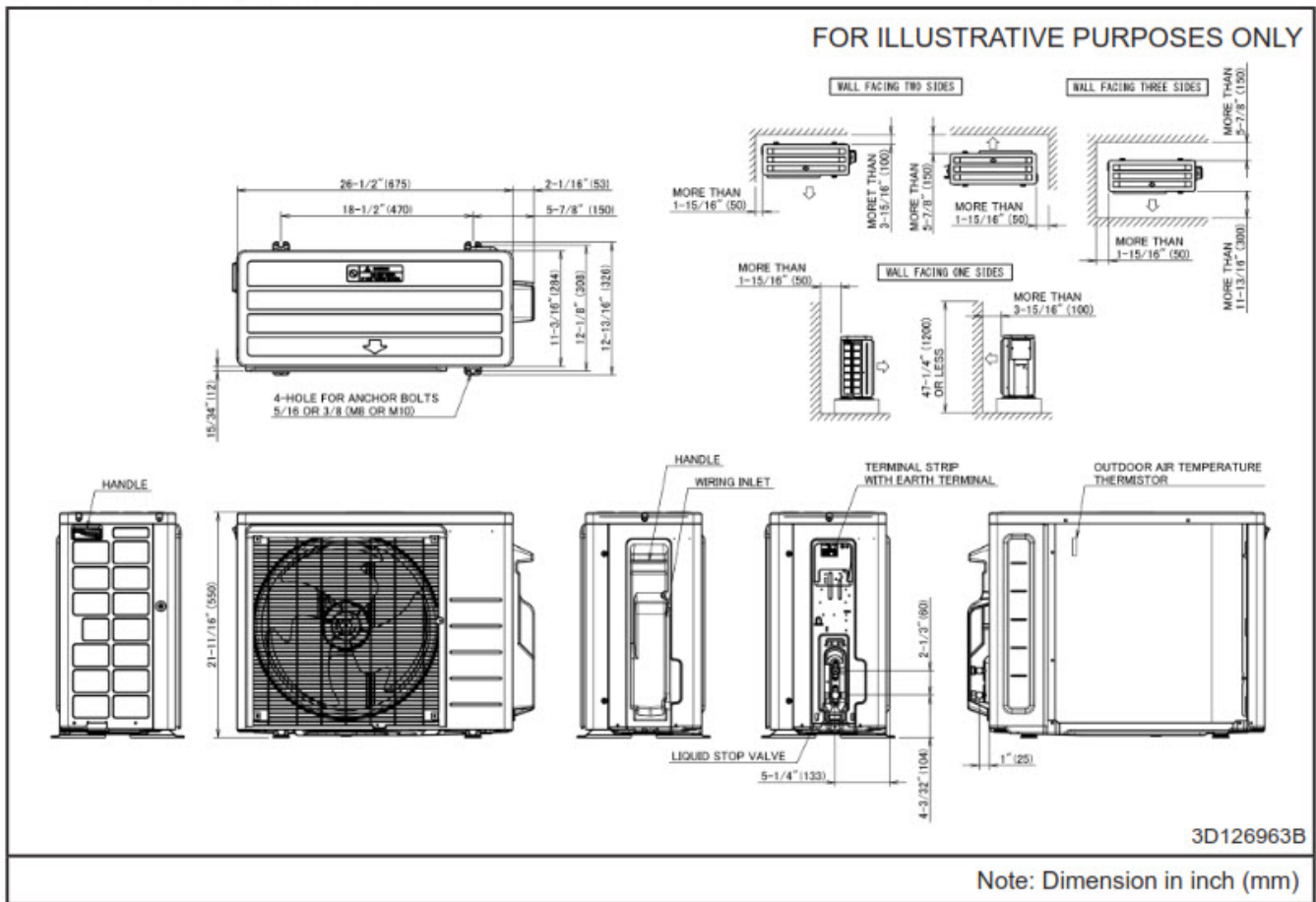
Submitted by: Brynn Lea of HARRISON ENERGY PARTNERS on 11/7/2023

OUTDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208/230 / 60 / 1	Compressor Stage:	Inverter
Power Supply Connections:	L1, L2, L3, Ground	Capacity Control Range (%):	-
Min. Circuit Amps MCA (A):	12.35	Airflow Rate (H) (CFM):	1083
Max Overcurrent Protection (MOP) (A):	15	Gas Pipe Connection (inch):	3/8
Max Starting Current MSC(A):		Liquid Pipe Connection (inch):	1/4
Rated Load Amps RLA(A):		Sound Pressure (H) (dBA):	44
Dimensions (HxWxD) (in):	21-11/16 x 26-1/2 x 11-3/16	Sound Power Level (dBA):	
Net Weight (lb):	55		

DIMENSIONAL DRAWING - OUTDOOR UNIT

Model : RK09/12B, RX09/12B





Submittal Data Sheet

0.75-Ton Wall Mounted Daikin OTERRA Heat Pump System - FTX09BXVJURX09BXVJU

Project: Anduril Building 600

Submitted by: Brynn Lea of HARRISON ENERGY PARTNERS on 11/7/2023

INDOOR ACCESSORIES

PART NUMBER	DESCRIPTION	INCLUDED
AZAI6WSCDKB	DKN Residential Cloud Wi-Fi Adaptor for Single- and Multi-Zone System (S21)	No
AZAI6WSPDKC	DKN Plus Interface	No
BRC51D61	Wired Remote Controller Kit	No
DACA-CP1-1	Mini Aqua Condensate Pump	No
DACA-CP4-1	MINI WHITE PUMP KIT 100-250V	No
DTST-LTE-LA-A	Daikin One Lite (with Translation Adaptor for S21 only)	No
DTST-ONE-ADA-A	Daikin One+ Smart Thermostat for VRV, SkyAir, Single- and Multi-Zone System	No

OUTDOOR ACCESSORIES

PART NUMBER	DESCRIPTION	INCLUDED
DACA-WB-1	Powder-Coated Wall-Mounted Bracket	No
KEH067A41E	Daikin BMS DrainPan Heater Small RX09,12 and RXN09,12	No
KKG067A41	Back protection wire net (09 & 12)	No
KPW937F4	Air direction adjustment grille (09 & 12)	No



Submittal Data Sheet

DTST-LTE-LA-A– Daikin One Lite Smart Thermostat for Mini-Split, and Multi-Split Units

Project Name:	Approval:
Location:	Date:
Engineer:	Construction:
Submitted to:	Unit #:
Submitted by:	Drawing #:
Reference:	

MODEL COMPATIBILITY:

Compatible with Single-Zone and Multi-Zone indoor unit models: CDXS(discontinued), CTXS*, FDXS(discontinued), FTK*, FTXB*, FTX, FTXR, FTXS, FVXS

*Not compatible with FTK_AXVJU, FTX_AXVJU, FTKB_AXVJU, FTXB_AXVJU, CTX_AXVJU

The following indoor units do not have the S21 connection and require an additional interface adaptor (ordered separately) to provide the S21 connect for the One Lite communication:

Indoor Unit Models	Required Interface Adaptor
FTX09NMVJU(A), FTX12NMVJU(A), FTX09WMVJU9, FTX12WMVJU9	KRP067A41E
FTX15NMVJU(A), FTX15WMVJU9	KRP980B2E

SPECIFICATIONS:

Model		DTST-LTE-LA-A
Description		Daikin One Lite Smart Thermostat for Mini-Split and Multi-Split Units
Maximum Connections		1 for S21 indoor units (cannot use together with another wireless remote controller or wired remote controller)
Max Wiring Length	Power Wire	5.5 ft (included)
	Thermostat Wire	125 ft (Field-supplied, 18AWG, 4-core non-shielded stranded wire)
	S21 Communication Wire	6 ft (included)
Power Supply	Thermostat	Obtained from the translation adaptor
	Translation Adaptor	230 VAC
Dimensions	Thermostat	3.3"W x 3.3"H x 1.04"D
	Translation Adaptor	7.33"W x 2.0"H x 1.99"D
Weight	Thermostat	4 oz
	Translation Adaptor	9 oz
Storage Temperature		32°F to 120°F
Ambient Operation Temperature	Thermostat	32°F to 120°F
	Translation Adaptor	32°F to 120°F
Humidity		20 to 95% RH (non-condensing)
Compliance		Compliant to California Title 24 (OCST listed), FCC Certified (FCC Part 15 subpart B), UL Listed

PRODUCT IMAGE:

Thermostat:



Translation Adaptor:



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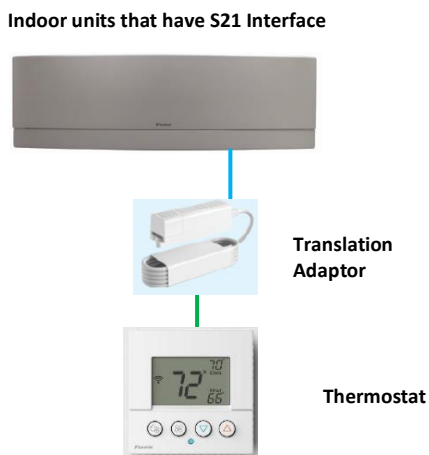
Project Name:	Approval:
Location:	Date:
Engineer:	Construction:
Submitted to:	Unit #:
Submitted by:	Drawing #:
Reference:	

FEATURES:

- Compact, non-intrusive design suitable for most interior environments
- Multifunction push buttons labeled for mode, fan, setpoint up, set point down
- Wifi-enabled smart thermostat with iOS and Android app control
- Voice control by Amazon Alexa and Google Assistant
- Installer wizard app available (recommended). Set up using buttons is possible, but not recommended
- Multi-language support: English, Spanish, French (Daikin One Home app only)
- Built-in temperature and humidity sensors
- 1 Auxiliary Heat output (dry contact), configurable as primary or secondary heat source
- Over-the-air software update capable (requires wi-fi connection)
- Indoor unit Control: Mode (Auto/Heat/Cool/Aux Heat/Emergency Heat), Setpoint (Dual/Single), Fan Speed, Louver, Fan On/Auto (with minimum run time)
- LED Mode indicator for heating and cooling
- Dehumidification function
- Error and maintenance notification
- Programmable schedule with adjustable hold function
- Energy and comfort functions: Vacation/Away/Night mode, and geo-fencing
- Outdoor environment monitoring: outdoor temperature, outdoor humidity, and weather forecast (on homeowner app only)
- Compatible Daikin One Cloud Services

SYSTEM DIAGRAM:

For S21 indoor units (CDXS(discontinued), CTXS*, FDXS (discontinued), FTK*, FTXB*, FTX, FTXG, FTXR, FTXS, FVXS) (*see exceptions on page 1):



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Submittal Data Sheet

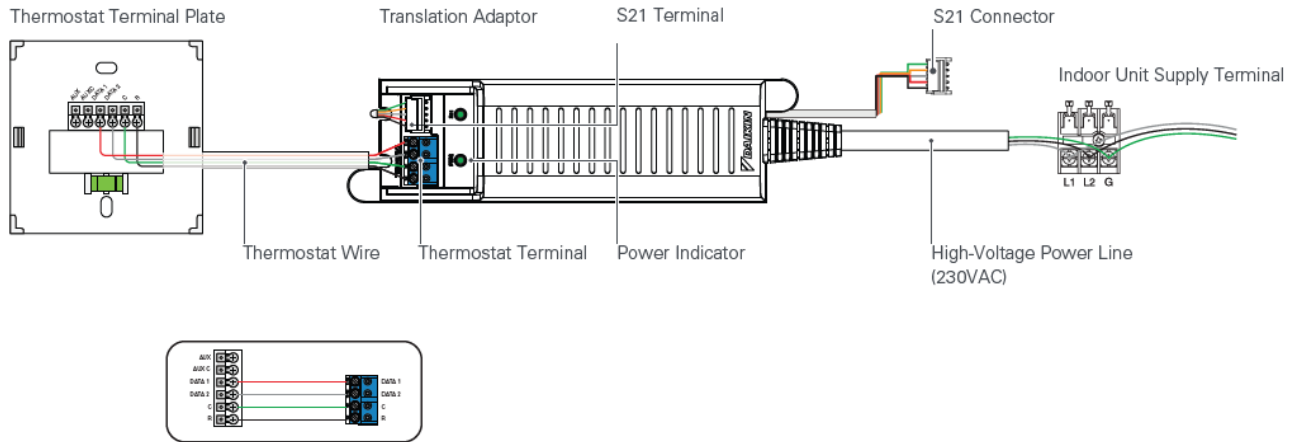
DTST-LTE-LA-A- Daikin One Lite Smart Thermostat
for Mini-Split, and Multi-Split Units

Project Name: _____
Location: _____
Engineer: _____
Submitted to: _____
Submitted by: _____
Reference: _____

Approval: _____
Date: _____
Construction: _____
Unit #: _____
Drawing #: _____

WIRING DIAGRAM:

For S21 indoor units (CDXS, CTXS, FDMQ, FDXS, FFQ, FTK, FTX, FTXG, FTXR, FTXS, FVXS)



Note:
Wires should match up on thermostat terminal plate and thermostat terminal

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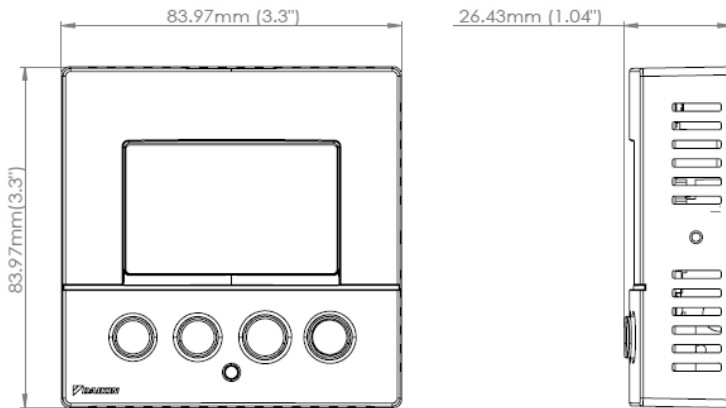
Submittal Data Sheet

DTST-LTE-LA-A- Daikin One Lite Smart Thermostat
for Mini-Split, and Multi-Split Units

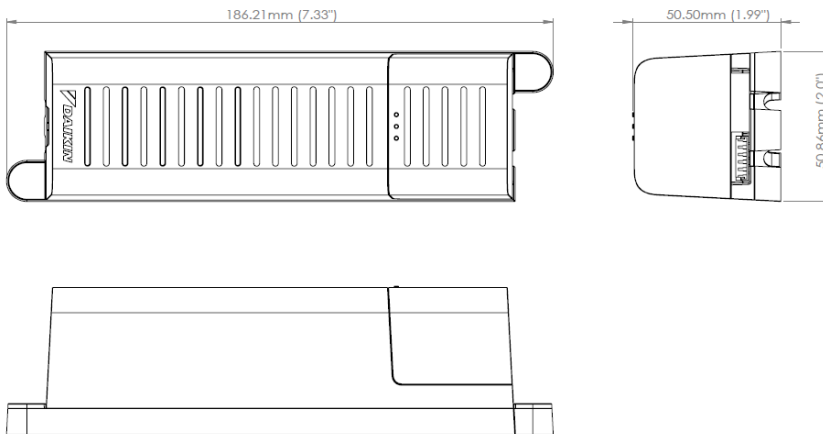
Project Name: _____	Approval: _____
Location: _____	Date: _____
Engineer: _____	Construction: _____
Submitted to: _____	Unit #: _____
Submitted by: _____	Drawing #: _____
Reference: _____	

DIMENSIONS:

- Thermostat:



- Translation Adaptor:



DOCUMENTATION:

Documentation available on www.daikinone.com:

- Submittal
- Installation Manual
- Product Flyer

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Submittal Data Sheet

Wind Baffle
KPW937F4

DESCRIPTION

Wind Baffle mounts over the standard air grille and allows adjustment in air blow-off direction.

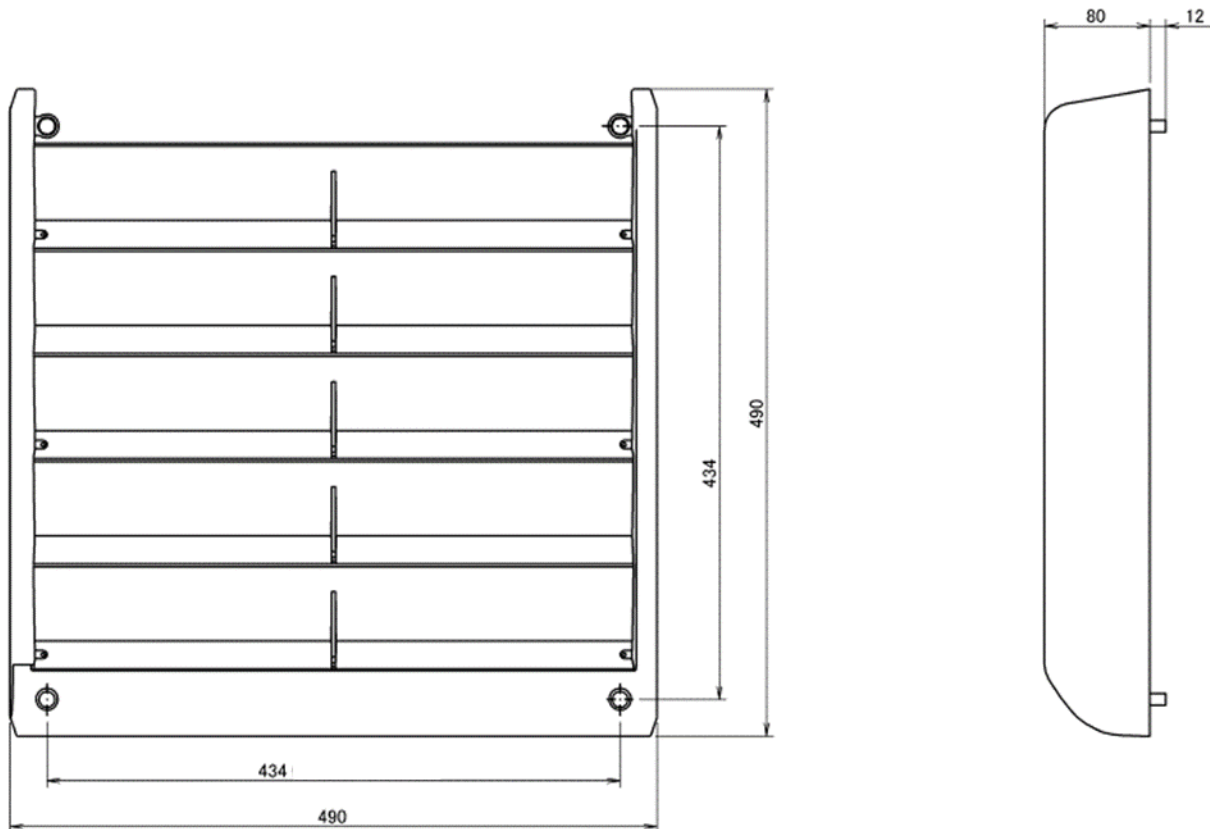


Image for REFERENCE ONLY

SPECIFICATIONS

Model No:	KPW937F4	
Unit Compatibility:	RK09NMVJU, RK12NMVJU, RX09NMVJU, RX12NMVJU, RX09RMVJU(9), RX12RMVJU(9), RXL09QMVJU, RXL12QMVJU(9), RXS09LVJU, RXS12LVJU, RXG09HVJU, RXG12HVJU, RXG15HVJU	Qty (1)
Unit Names:	Wind Baffle	
Dimensions (WxHxD):	19-5/16" x 19-5/16" x 3-5/8" (490mm x 490mm x 92mm)	
Shipping Unit Weight:	6.75 lb.	
Material:	Flame Retardant Grade UL94V-HB	

DIMENSIONAL DRAWING (mm)



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