

AIRTEMP INC.
MECHANICAL CONTRACTORS
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A COMFORT SYSTEMS USA COMPANY
QUALITY PEOPLE – BUILDING SOLUTIONS

SUBMITTAL

JOB: INFINITY FEDERAL CREDIT UNION
DATE: 1/17/17
LOCATION: 29 BAXTER BOULEVARD, PORTLAND ME
MECHANICAL CONTRACTOR: AIRTEMP INC.
ENGINEER: BENNETT ENGINEERING
AIRTEMP JOB NUMBER: 598

AIRTEMP IS PLEASED TO SUBMIT THE FOLLOWING ITEM(S) FOR APPROVAL:

230000/2.8- SPLIT SYSTEM AIR CONDITIONING UNIT

PLEASE RETURN .PDF OF REVIEWED SUBMITTAL TO US

SUBMITTAL DATA

Project: Infinity Credit Union

Mechanical Engineer: Bennett Engineering

Mechanical Contractor: Airtemp

Date: January 11, 2017

Product: Split System

Specification Section: 230000

Revision: 0

Tag	Qty	Model / Description	Manufacturer
SAC-1	1	FTXS12LVJU/ 1 Ton Wall Unit	Daikin
SCU-1	1	RXS12LVJU / 1 Ton Cooling Only	Daikin

Includes:
 Low Ambient Wind Baffles (Field Installed)
 Wireless Unit Controller

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TAG: SAC-1
SCU-1

FTXS12LVJU
RXS12LVJU

Submittal Data Sheet

1.0-Ton Wall Mounted Unit

FTXS12LVJURXS12LVJU

FEATURES

- IR controller included
- Titanium apatite photo catalytic air purification filter
- Hot start technology
- Auto-restart (after power failure)
- Intelligent eye occupancy sensor

BENEFITS

- Quiet operation
- Low ambient cooling operation down to 0° F with field setting and wind baffle (KPW937A4)
- Operating Range - Cooling (14° - 114.8°)
- Operating Range - Heating (5° - 64.4°)
- 12 year limited parts and compressor warranty with online registration
- 5 Year limited parts warranty for commercial applications

INDOOR UNIT



OUTDOOR UNIT



Included Accessories:
Low Ambient Wind Baffles (Field Installed)
Wireless Controller



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1.0-Ton Wall Mounted Unit

FTXS12LVJURXS12LVJU

SYSTEM PERFORMANCE

Indoor Unit Model No.	FTXS12LVJU	Indoor Unit Name:	FTXS12LVJU
Outdoor Unit Model No.	RXS12LVJU	Outdoor Unit Name:	RXS12LVJU
Rated Cooling Capacity (Btu/hr):	12,000	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):	9,250	Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	12,000 / 4,800	Rated Height Difference (ft):	49.20
Cooling Input Power (kW):	0.940	Rated Heating Conditions:	Indoor (°F DB/WB): 70 / 60 Ambient (°F DB/WB): 47 / 43
SEER (Non-Ducted/Ducted):	23.00 /	HSPF (Non-Ducted/Ducted):	12.5 /
EER (Non-Ducted/Ducted):	12.80 /	Heating COP (Non-Ducted/Ducted):	4.4 /
Rated Heating Capacity (Btu/hr):	14,400		
Max/Min Heating Capacity (Btu/hr):	14,400 / 4,800		
Heating Input Power (kW):	0.97		

SYSTEM DETAILS

Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	14 - 115
Holding Refrigerant Charge (lbs):	2.7	Heating Operation Range (°F WB):	5 - 64
Additional Charge (lb/ft):	0.01	Max. Pipe Length (Vertical) (ft):	49
Pre-charge Piping (Length) (ft):	33	Cooling Range w/Baffle (°F DB):	0 - 115
Max. Pipe Length (Total) (ft):	66	Heating Range w/Baffle (°F WB):	0 - 77
Max Height Separation (Ind to Ind ft):	49		

Submittal Data Sheet

1.0-Ton Wall Mounted Unit

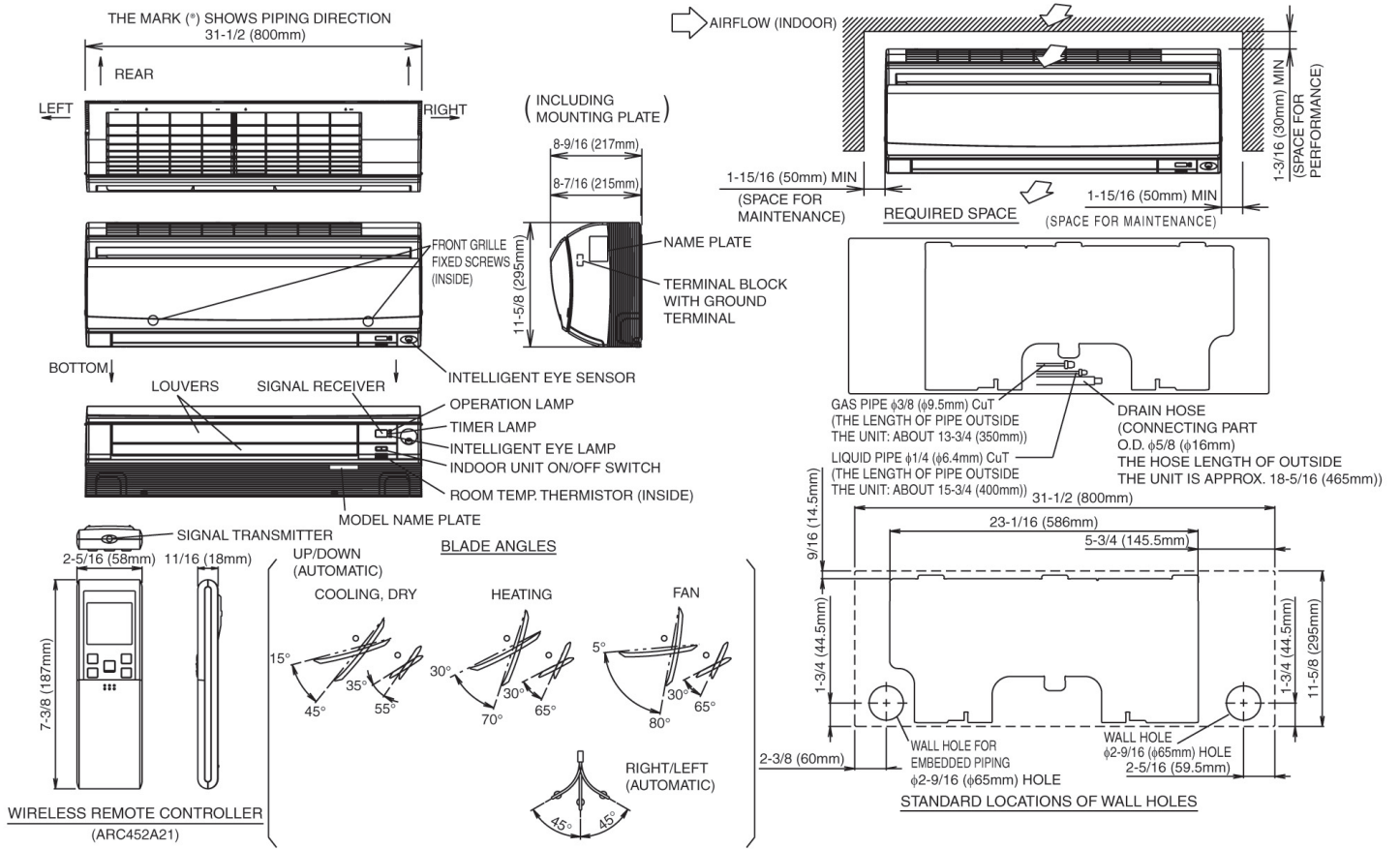
FTXS12LVJURXS12LVJU

INDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/M/L/SL) (CFM):	403/307/205/155
Power Supply Connections:	See Outdoor Unit for Electrical Specs	Moisture Removal (Gal/hr):	4.0
Min. Circuit Amps MCA (A):		Gas Pipe Connection (inch):	3/8
Max Overcurrent Protection (MOP) (A):		Liquid Pipe Connection (inch):	1/4
Dimensions (HxWxD) (in):	11-5/8 x 31-1/2 x 8-7/16	Condensate Connection (inch):	5/8
Panel (HxWxD) (in):		Sound Pressure (H/M/L/SL) (dBA):	45/37/29/23
Net Weight (lb):	22	Sound Power Level (dBA):	57
Panel Weight (lb):		Ext. Static Pressure (Rated/Max) (inWg):	0.00 / 0.00

DIMENSIONAL DRAWING - INDOOR UNIT

FTXS09,12LVJU





Submittal Data Sheet

1.0-Ton Wall Mounted Unit

FTXS12LVJURXS12LVJU

OUTDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Type:	Inverter
Power Supply Connections:	L1, L2, Ground	Capacity Control Range (%):	-
Min. Circuit Amps MCA (A):	8.80	Airflow Rate (H) (CFM):	1,183
Max Overcurrent Protection (MOP) (A):	15.00	Gas Pipe Connection (inch):	3/8
Max Starting Current MSC(A):		Liquid Pipe Connection (inch):	1/4
Rated Load Amps RLA(A):	5.3	Sound Pressure () (dBA):	
Dimensions (HxWxD) (in):	21-5/8 x 30-1/8 x 11-1/4	Sound Power Level (dBA):	61
Net Weight (lb):	75		

DIMENSIONAL DRAWING - OUTDOOR UNIT

RXS09/12D(A)VJU
Unit (in.)

