

EXHIBIT 3 - YORK RTU EQUIPMENT SELECTIONS



Series 10 SSE

Single Package R-410A AC with Reheat

Project Name: FDOT Admin Bldg-TYEC

Unit Model #: J12ZRE36V4BZZ7

Quantity: 1 Tag #: RTU-1 HGRH

System: J12ZRE36V4BZZ7

Cooling Performance

Total capacity	177.5 MBH
Sensible capacity	123.3 MBH
Refrigerant type	R-410A
Efficiency (at ARI)	11.20 EER
Integrated eff. (at ARI)	11.00 IEER
Ambient DB temp.	90.6 °F
Entering DB temp.	79.5 °F
Entering WB temp.	66.8 °F
Leaving DB temp.	57.6 °F
Leaving WB temp.	55.9 °F
Power input (w/o blower)	11.38 kW
Sound power	84 dB(A)

Reheat Performance

Total capacity	78.6 MBH
Sensible capacity	10 MBH
Ambient DB temp.	85 °F
Entering DB temp.	79.5 °F
Entering WB temp.	66.8 °F
Leaving DB temp.	77.7 °F
Leaving WB temp.	62.3 °F
Power input (w/o blower)	10.45 kW
Gallons of water per hour	7.83 gal/hr

Heating Performance

Entering DB temp.	61 °F
Heating output capacity (Max)	115.9 MBH
Nominal electric heat	36 kW
Applied electric heat	34.0 kW
Installed	Factory
Supply air	5220 CFM
Leaving DB temp.	81.6 °F
Air temp. rise	20.6 °F
Stages	2

Supply Air Blower Performance

Supply air	5220 CFM
Ext. static pressure	0.6 IWG
Unit static resistance	0.87 IWG
Blower speed	1604 RPM
Max BHP of Motor (including service factor)	5.75 HP
Duct location	Bottom
Motor rating	5.00 HP
Actual required BHP	5.26 HP
Power input	4.91 kW
Elevation	30 ft.
Drive type	BELT
Requires field-supplied drive	true

Electrical Data

Power supply	460-3-60
Unit min circuit ampacity	59.4 Amps
Unit max over-current protection	60 Amps

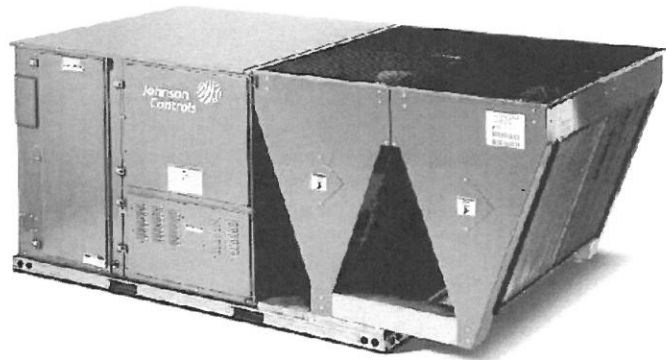
Dimensions & Weight

Hgt	51 in.	Len	120 in.	Wth	59 in.
Weight with factory installed options	1600 lbs.				

Clearances

Right	12 in.	Front	36 in.	Back	36 in.
Top	72 in.	Bottom	0 in.	Left	36 in.

Note: Please refer to the tech guide for listed maximum static pressures



12.5 Ton

- JCI Series 10 units are manufactured at an ISO 9001 registered facility and each rooftop is completely computer-run tested prior to shipment.

Unit Features

- Unit Cabinet Constructed of Powder Painted Steel, Certified At 1000 Hours Salt Spray Test (ASTM B-117 Standards)
- Through-the-Curb and Through-the-Base Utility Connections
- Full perimeter base rails with built in rigging capabilities
- Hinged Access Panels
- Slide-Out Condensate Drain Pan
- Scroll Compressors
- Scroll Compressors
- Two Stage Cooling
- Solid Core Liquid Line Filter Driers
- Electrofin Copper Tube/Aluminum Fin Condenser Coil
- 36 kW Two Stage Factory Installed Electric Heat
- Slide-Out Blower/5 HP Belt Drive Motor Assembly
- Unit Ships with 2" Throwaway Filters with a Standard Filter Rack that will Accept up to 4" Filters
- Replacement Filters: 4 - (24" x 20"). Unit accepts 2" or 4" wide filters.
- Single Point Power Connection
- HACR Circuit Breaker/Disconnect
- Phase Monitor
- Dry Bulb Low Leak Economizer w/Barometric Relief and Hoods (Bottom or Horizontal End Return Only)
- Short Circuit Current: 5kA RMS Symmetrical

Standard Unit Controller: Simplicity Control Board

- Safety Monitoring - Monitors the high and low-pressure switches, the freestats, the gas valve, if applicable, and the temperature limit switch on gas and electric heat units. The unit control board will alarm on ignition failures, safety lockouts and repeated limit switch trips.

BAS Controller

- IntelliSpeed control of the VFD and Manual Bypass based on stages of cooling. Provides Single Zone VAV Fan Operation as defined by ASHRAE 90.1 section 6.4.3.10.
- Simplicity SE Controller with Gateway to BACnet MS/TP (Programmable to Modbus or N2) Protocol with Discharge Air Sensor, Return Air, and Outside Air Sensor

Warranty

- One (1) Year Limited Warranty on the Complete Unit
- Five (5) Year Warranty - Compressors and Electric Heater Elements
- Three (3) Year Warranty - ElectroFin Condenser Coil



Series 10 SSE
Single Package R-410A AC with Reheat

Project Name: **FDOT Admin Bldg-TYEC**

Unit Model #: **J12ZRE36V4BZZ7**

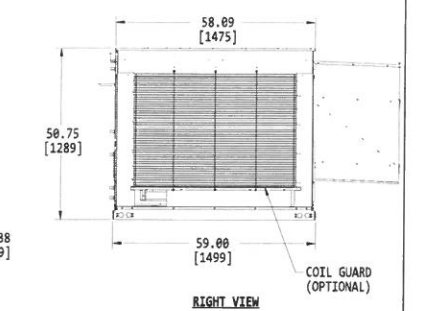
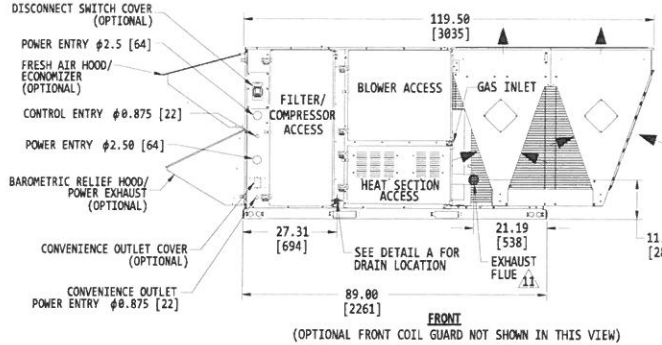
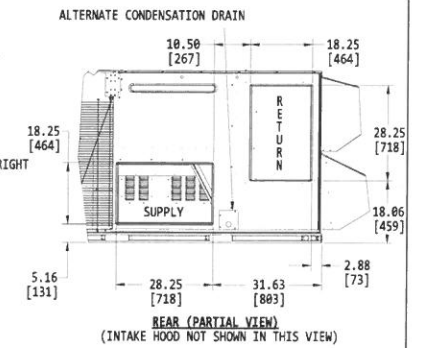
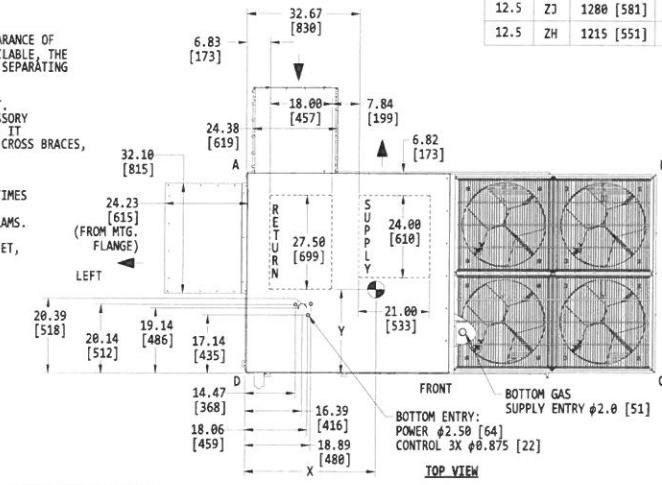
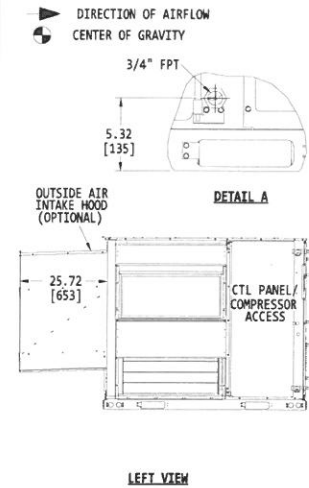
Quantity: **1** Tag #: **RTU-1 HGRH**

System: **J12ZRE36V4BZZ7**

- NOTES:**
- FOR OUTDOOR USE ONLY.
 - WEIGHTS SHOWN ARE FOR COOLING ONLY UNITS.
 - MIN. CLEARANCES TO BE:
RIGHT SIDE: 12 [385]
LEFT SIDE: 36 [915]
FRONT: 36 [915]
REAR: 36 [915]
TOP: 72 [1830]
BOTTOM: 0 [0]
 - TO REMOVE THE SLIDE-OUT DRAIN PAN, A REAR CLEARANCE OF 60 in (1525 mm) IS REQUIRED. IF SPACE IS UNAVAILABLE, THE DRAIN PAN CAN BE REMOVED THROUGH THE FRONT BY SEPARATING THE CORNER WALL.
 - FOR SMALLER SERVICE AND OPERATIONAL CLEARANCES CONTACT YOUR APPLICATION ENGINEERING DEPARTMENT.
 - DOWNFLOW DUCTS DESIGNED TO BE ATTACHED TO ACCESSORY ROOF CURB ONLY. IF UNIT IS MOUNTED SIDE SUPPLY, IT IS RECOMMENDED THAT THE DUCTS ARE SUPPORTED BY CROSS BRACES, AS DONE ON ACCESSORY ROOF CURBS.
 - SIDE DUCT FLANGES ARE 0.75" HIGH.
 - BOTTOM DUCTS DO NOT HAVE FLANGES.
 - MINIMUM CONDENSATION TRAP HEIGHT SHALL BE 1.5 TIMES THE LOWEST NEGATIVE STATIC.
 - DIMENSIONS IN [] ARE IN MILLIMETERS OR KILOGRAMS.
 - OPTIONAL COIL GUARDS, POWER EXHAUST, GAS HEAT ECONOMIZER, DISCONNECT SWITCH, CONVENIENCE OUTLET, AND BAROMETRIC RELIEF & FRESH AIR HOODS SHOWN.
 - EXCEPT XP (HEAT PUMP) UNITS.

Consolidated Drawing

TONNAGE	UNIT	OPERATING WEIGHT (LBS) (BASE UNIT)	CENTER OF GRAVITY LOCATION (BASE UNIT)		4 POINT CORNER LOADS (LBS) (BASE UNIT)			
			X	Y	A	B	C	D
12.5	XP	1403 [636]	51 [1295]	25.5 [648]	259 [118]	347 [157]	456 [207]	340 [154]
12.5	ZR	1465 [665]	51 [1295]	25.5 [648]	270 [123]	363 [165]	477 [216]	355 [161]
12.5	ZJ	1280 [581]	48 [1219]	24 [610]	240 [109]	281 [128]	410 [186]	350 [159]
12.5	ZH	1215 [551]	46 [1168]	26 [660]	259 [118]	277 [126]	351 [159]	328 [149]





Series 10 SSE

Single Package R-410A Air Conditioner

Project Name: **FDOT Admin Bldg-TYEC**

Unit Model #: **J12ZHE18V4BZZ7**

Quantity: **1** Tag #: **RTU-2**

System: **J12ZHE18V4BZZ7**

Cooling Performance

Total capacity	163.2 MBH
Sensible capacity	115.3 MBH
Refrigerant type	R-410A
Efficiency (at ARI)	11.50 EER
Integrated eff. (at ARI)	12.60 IEER
Ambient DB temp.	89.6 °F
Entering DB temp.	79.8 °F
Entering WB temp.	66.3 °F
Leaving DB temp.	56.3 °F
Leaving WB temp.	54.6 °F
Power input (w/o blower)	10.85 kW
Sound power	84 dB(A)

Heating Performance

Entering DB temp.	63.7 °F
Heating output capacity (Max)	61.4 MBH
Nominal electric heat	18 kW
Applied electric heat	18.0 kW
Installed	Factory
Supply air	4550 CFM
Leaving DB temp.	76.2 °F
Air temp. rise	12.5 °F
Stages	2

Supply Air Blower Performance

Supply air	4550 CFM
Ext. static pressure	0.75 IWG
Unit static resistance	0.67 IWG
Blower speed	1353 RPM
Max BHP of Motor (including service factor)	5.75 HP
Duct location	Bottom
Motor rating	5.00 HP
Actual required BHP	3.94 HP
Power input	3.67 kW
Elevation	30 ft.
Drive type	BELT
Requires field-supplied drive	true

Electrical Data

Power supply	460-3-60
Unit min circuit ampacity	39.1 Amps
Unit max over-current protection	50 Amps

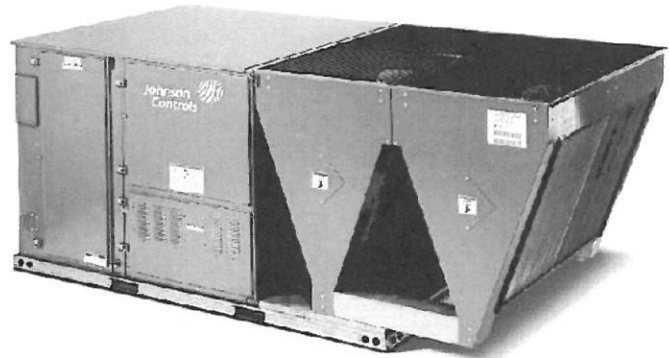
Dimensions & Weight

Hgt	51 in.	Len	120 in.	Wth	59 in.
Weight with factory installed options	1342 lbs.				

Clearances

Right	12 in.	Front	36 in.	Back	36 in.
Top	72 in.	Bottom	0 in.	Left	36 in.

Note: Please refer to the tech guide for listed maximum static pressures



12.5 Ton

- JCI Series 10 units are manufactured at an ISO 9001 registered facility and each rooftop is completely computer-run tested prior to shipment.

Unit Features

- Unit Cabinet Constructed of Powder Painted Steel, Certified At 1000 Hours Salt Spray Test (ASTM B-117 Standards)
- Through-the-Curb and Through-the-Base Utility Connections
- Full perimeter base rails with built in rigging capabilities
- Hinged Access Panels
- Slide-Out Condensate Drain Pan
- Scroll Compressors
- Two Stage Cooling
- Solid Core Liquid Line Filter Driers
- Electrofin Microchannel Condenser Coil
- Hot Gas Bypass
- 18 kW Two Stage Factory Installed Electric Heat
- Slide-Out Blower/5 HP Belt Drive Motor Assembly
- Unit Ships with 2" Throwaway Filters with a Standard Filter Rack that will Accept up to 4" Filters
- Replacement Filters: 4 - (24" x 20"). Unit accepts 2" or 4" wide filters.
- Single Point Power Connection
- HACR Circuit Breaker/Disconnect
- Phase Monitor
- Dry Bulb Low Leak Economizer w/Barometric Relief and Hoods (Bottom or Horizontal End Return Only)
- Short Circuit Current: 5kA RMS Symmetrical

Standard Unit Controller: Simplicity Control Board

- Safety Monitoring - Monitors the high and low-pressure switches, the freezestats, the gas valve, if applicable, and the temperature limit switch on gas and electric heat units. The unit control board will alarm on ignition failures, safety lockouts and repeated limit switch trips.

BAS Controller

- Simplicity SE Controller with Gateway to BACnet MS/TP (Programmable to Modbus or N2) Protocol with Discharge Air Sensor, Return Air, and Outside Air Sensor
- VAV Controller with VFD & Manual Bypass (Modbus RTU Protocol)

Warranty

- One (1) Year Limited Warranty on the Complete Unit
- Five (5) Year Warranty - Compressors and Electric Heater Elements
- Three (3) Year Warranty - ElectroFin Condenser Coil



Series 10 SSE
Single Package R-410A Air Conditioner

Project Name: **FDOT Admin Bldg-TYEC**

Unit Model #: **J12ZHE18V4BZZ7**

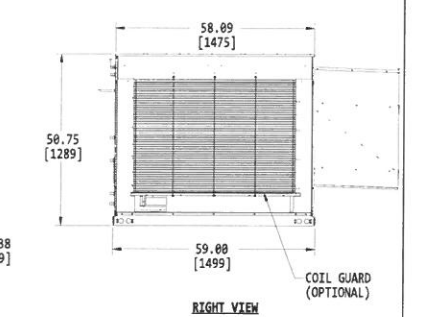
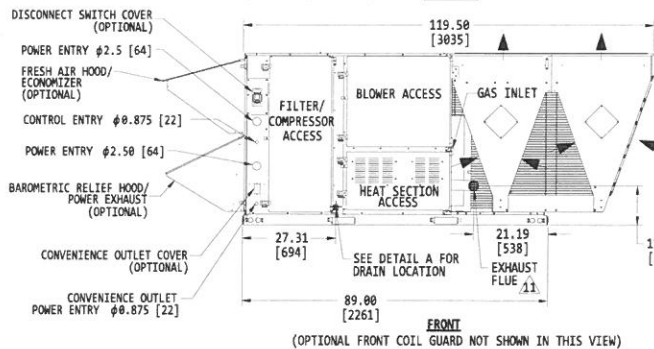
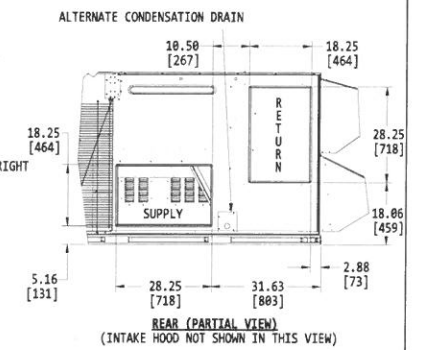
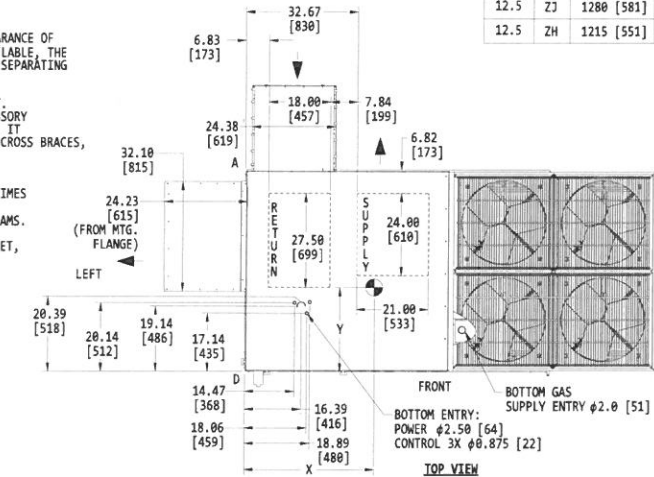
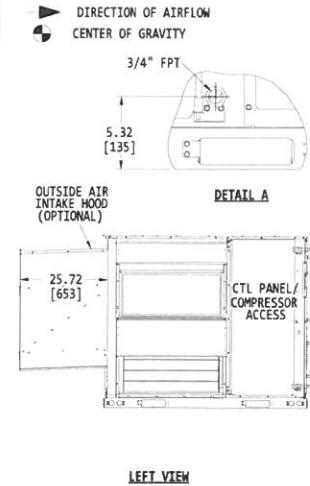
Quantity: **1 Tag #: RTU-2**

System: **J12ZHE18V4BZZ7**

- NOTES:**
- FOR OUTDOOR USE ONLY.
 - WEIGHTS SHOWN ARE FOR COOLING ONLY UNITS.
 - MIN. CLEARANCES TO BE:
RIGHT SIDE: 12 [365]
LEFT SIDE: 36 [915]
FRONT: 36 [915]
REAR: 36 [915]
TOP: 72 [1830]
BOTTOM: 0 [0]
 - TO REMOVE THE SLIDE-OUT DRAIN PAN, A REAR CLEARANCE OF 60 in (1525 mm) IS REQUIRED. IF SPACE IS UNAVAILABLE, THE DRAIN PAN CAN BE REMOVED THROUGH THE FRONT BY SEPARATING THE CORNER WALL.
 - FOR SMALLER SERVICE AND OPERATIONAL CLEARANCES CONTACT YOUR APPLICATION ENGINEERING DEPARTMENT.
 - DOWNFLOW DUCTS DESIGNED TO BE ATTACHED TO ACCESSORY ROOF CURB ONLY. IF UNIT IS MOUNTED SIDE SUPPLY, IT IS RECOMMENDED THAT THE DUCTS ARE SUPPORTED BY CROSS BRACES, AS DONE ON ACCESSORY ROOF CURBS.
 - SIDE DUCT FLANGES ARE 0.75" HIGH. BOTTOM DUCTS DO NOT HAVE FLANGES.
 - MINIMUM CONDENSATION TRAP HEIGHT SHALL BE 1.5 TIMES THE LOWEST NEGATIVE STATIC.
 - DIMENSIONS IN () ARE IN MILLIMETERS OR KILOGRAMS.
 - OPTIONAL COIL GUARDS, POWER EXHAUST, GAS HEAT, ECONOMIZER, DISCONNECT SWITCH, CONVENIENCE OUTLET, AND BAROMETRIC RELIEF & FRESH AIR HOODS SHOWN.
 - EXCEPT XP (HEAT PUMP) UNITS.

Consolidated Drawing

TONNAGE	UNIT	OPERATING WEIGHT (LBS) (BASE UNIT)	CENTER OF GRAVITY LOCATION (BASE UNIT)		4 POINT CORNER LOADS (LBS) (BASE UNIT)			
			X	Y	A	B	C	D
12.5	XP	1403 [636]	51 [1295]	25.5 [648]	259 [118]	347 [157]	456 [207]	340 [154]
12.5	ZR	1465 [665]	51 [1295]	25.5 [648]	270 [123]	363 [165]	477 [216]	355 [161]
12.5	ZJ	1280 [581]	48 [1219]	24 [610]	240 [109]	281 [128]	410 [186]	350 [159]
12.5	ZH	1215 [551]	46 [1168]	26 [660]	259 [118]	277 [126]	351 [159]	328 [149]





Series 10 SSE

Single Package R-410A Air Conditioner

Project Name: **FDOT Admin Bldg-TYEC**

Unit Model #: **J08ZHE18V4BZZ7**

Quantity: **1** Tag #: **RTU-3**

System: **J08ZHE18V4BZZ7**

Cooling Performance

Total capacity	111.5 MBH
Sensible capacity	86.5 MBH
Refrigerant type	R-410A
Efficiency (at ARI)	11.50 EER
Integrated eff. (at ARI)	12.60 IEER
Ambient DB temp.	90.6 °F
Entering DB temp.	78.7 °F
Entering WB temp.	65.4 °F
Leaving DB temp.	57.2 °F
Leaving WB temp.	55.6 °F
Part load efficiency	13.5 IPLV
Power input (w/o blower)	7.39 kW
Sound power	90 dB(A)

Heating Performance

Entering DB temp.	65.2 °F
Heating output capacity (Max)	61.4 MBH
Nominal electric heat	18 kW
Applied electric heat	18.0 kW
Installed	Factory
Supply air	3725 CFM
Leaving DB temp.	80.5 °F
Air temp. rise	15.3 °F
Stages	2

Supply Air Blower Performance

Supply air	3725 CFM
Ext. static pressure	0.7 IWG
Unit static resistance	0.48 IWG
Blower speed	1047 RPM
Max BHP of Motor (including service factor)	3.45 HP
Duct location	Bottom
Motor rating	3.00 HP
Actual required BHP	2.52 HP
Power input	2.35 kW
Elevation	30 ft.
Drive type	BELT

Electrical Data

Power supply	460-3-60
Unit min circuit ampacity	32.9 Amps
Unit max over-current protection	35 Amps

Dimensions & Weight

Hgt	51 in.	Len	89 in.	Wth	59 in.
Weight with factory installed options	1174 lbs.				

Clearances

Right	12 in.	Front	36 in.	Back	36 in.
Top	72 in.	Bottom	0 in.	Left	36 in.

Note: Please refer to the tech guide for listed maximum static pressures



8.5 Ton

- JCI Series 10 units are manufactured at an ISO 9001 registered facility and each rooftop is completely computer-run tested prior to shipment.

Unit Features

- Unit Cabinet Constructed of Powder Painted Steel, Certified At 1000 Hours Salt Spray Test (ASTM B-117 Standards)
- Through-the-Curb and Through-the-Base Utility Connections
- Full perimeter base rails with built in rigging capabilities
- Hinged Access Panels
- Slide-Out Condensate Drain Pan
- Reciprocating Compressor
- Two Stage Cooling
- Solid Core Liquid Line Filter Driers
- Electrofin Microchannel Condenser Coil
- Hot Gas Bypass
- 18 kW Two Stage Factory Installed Electric Heat
- Slide-out Blower/3 HP Belt Drive Motor Assembly
- Unit Ships with 2" Throwaway Filters with a Standard Filter Rack that will Accept up to 4" Filters
- Replacement Filters: 4 - (24" x 20"). Unit accepts 2" or 4" wide filters.
- Single Point Power Connection
- HACR Circuit Breaker/Disconnect
- Phase Monitor
- Dry Bulb Low Leak Economizer w/Barometric Relief and Hoods (Bottom or Horizontal End Return Only)
- Short Circuit Current: 5kA RMS Symmetrical

Standard Unit Controller: Simplicity Control Board

- Safety Monitoring - Monitors the high and low-pressure switches, the freezestats, the gas valve, if applicable, and the temperature limit switch on gas and electric heat units. The unit control board will alarm on ignition failures, safety lockouts and repeated limit switch trips.

BAS Controller

- Simplicity SE Controller with Gateway to BACnet MS/TP (Programmable to Modbus or N2) Protocol with Discharge Air Sensor, Return Air, and Outside Air Sensor
- VAV Controller with VFD & Manual Bypass (Modbus RTU Protocol)

Warranty

- One (1) Year Limited Warranty on the Complete Unit
- Five (5) Year Warranty - Compressors and Electric Heater Elements
- Three (3) Year Warranty - ElectroFin Condenser Coil



Series 10 SSE
 Single Package R-410A Air Conditioner

Project Name: **FDOT Admin Bldg-TYEC**

Unit Model #: **J08ZHE18V4BZZ7**

Quantity: **1** Tag #: **RTU-3**

System: **J08ZHE18V4BZZ7**

Consolidated Drawing

- NOTES:**
 1. FOR OUTDOOR USE ONLY.
 2. WEIGHTS SHOWN ARE FOR COOLING ONLY UNITS.
 3. MIN. CLEARANCES TO BE:

- RIGHT SIDE: 12 [305]
 LEFT SIDE: 36 [915]
 FRONT: 36 [915]
 REAR: 36 [915]
 TOP: 72 [1830]
 BOTTOM: 0 [0]
4. TO REMOVE THE SLIDE-OUT DRAIN PAN, A REAR CLEARANCE OF 60 in (1525 mm) IS REQUIRED. IF SPACE IS UNAVAILABLE, THE DRAIN PAN CAN BE REMOVED THROUGH THE FRONT BY SEPARATING THE CORNER WALL.
 5. FOR SMALLER SERVICE AND OPERATIONAL CLEARANCES CONTACT YOUR APPLICATION ENGINEERING DEPARTMENT.
 6. DOWNFLOW DUCTS DESIGNED TO BE ATTACHED TO ACCESSORY ROOF CURB ONLY. IF UNIT IS MOUNTED SIDE SUPPLY, IT IS RECOMMENDED THAT THE DUCTS ARE SUPPORTED BY CROSS BRACES, AS DONE ON ACCESSORY ROOF CURBS.
 7. SIDE DUCT FLANGES ARE 0.75" HIGH. BOTTOM DUCTS DO NOT HAVE FLANGES.
 8. MINIMUM CONDENSATION TRAP HEIGHT SHALL BE 1.5 TIMES THE LOWEST NEGATIVE STATIC.
 9. DIMENSIONS IN [] ARE IN MILLIMETERS OR KILOGRAMS.
 10. OPTIONAL COIL GUARDS, POWER EXHAUST, GAS HEAT ECONOMIZER, DISCONNECT SWITCH, CONVENIENCE OUTLET, AND BAROMETRIC RELIEF AND FRESH AIR HOODS SHOWN.
 11. EXCEPT XP (HEAT PUMP) UNITS.

TONNAGE	UNIT	OPERATING WEIGHT (LBS)		CENTER OF GRAVITY LOCATION (BASE UNIT)		4 POINT CORNER LOADS (LBS) (BASE UNIT)									
		(LBS)	(KG)	X	Y	A	B	C	D						
8.5	ZF	1007	458	38	965	24	610	235	107	175	79	255	116	342	155
10	ZF	1103	501	38	965	24	610	257	117	192	87	279	127	375	170
8.5	ZH	1030	467	38	965	24	610	240	109	179	81	261	118	350	159
10	ZH	1090	494	38	965	24	610	254	115	189	86	276	125	371	168
6.5	ZJ	1030	467	39	991	25	635	245	111	191	87	260	118	333	151
7.5	ZJ	1050	476	39	991	25	635	250	113	195	89	265	120	340	154
8.5	ZJ	1060	481	38	965	24	610	247	112	184	84	268	122	360	163
10	ZJ	1070	485	39	991	24	610	245	111	191	87	278	126	357	162
8.5 & 10	ZR	1200	544	38	965	25.5	648	297	135	221	100	291	132	390	177
6.5	XP	1000	490	38	965	25	635	262	119	195	89	266	121	357	162
7.5	XP	1090	494	38	965	23	584	243	110	181	82	284	129	381	175
8.5	XP	1137	516	38	965	25.5	648	282	120	210	95	276	125	370	168
10	XP	1135	515	38	965	25.5	648	281	127	209	95	275	125	369	167

