

Exhibit A

Irvinton Air Condition Specs

(Air condition selected to install should be comparable to the below)

TTA090 43AAAE02P condenser
TWE09043AAAP01H Air Handler
BAYHTR 10KW 230V 3PH Heat strip

Spec sheets on next page

General Data

Table 6. General data — 6-7.5 tons (TTA0724*A*-TTA0904*D*) condensing units — 60 Hz

	6 Tons		7.5 Tons	
	Single Compressor TTA0724*A*	Dual Compressor TTA0724*D*	Single Compressor TTA0904*A*	Dual Compressor TTA0904*D*
Cooling Performance - Gross Cooling Capacity				
Matched Air Handler	TWE0904*A*	TWE0724*B*	TWE0904*A*	TWE0904*B*
AHRI Rated Airflow	2,400	2,400	3,000	3,000
Gross Cooling Capacity - System	78,000	77,000	98,000	96,000
Condensing Unit Only	70,000	68,000	92,000	92,000
AHRI Net Cooling Capacity	76,000	75,000	95,000	93,000
Efficiency				
Matched Air Handler (EER)	11.5	11.5	11.5	11.5
Condensing Unit Only (EER)	13.6	12.0	12.7	12.8
System (EER)	14.8	14.8	14.8	14.8
System kW/Condensing Unit kW	5.5 / 4.9	5.7 / 5.2	8.1 / 7.1	8.0 / 7.0
Compressor				
Type	Scroll	Scroll	Scroll	Scroll
No./Tons	1 / 5.1	2 / 2.4	1 / 6.9	2 / 3.3
System Data				
No. Refrigerant Circuits ⁽¹⁾	1	2	1	2
Suction Line Connection (in.) OD ⁽²⁾	1 1/8	7/8	1 3/8	1 1/8
Liquid Line Connection (in.) OD ⁽²⁾	1/2	1/2	1/2	1/2
Outdoor Coil				
Type	MCHE	MCHE	MCHE	MCHE
Tube Size OD/Coil Width MCHE (in.)	0.8	0.8	0.8	0.8
Face Area (sq ft)	18.5	17.4	18.5	17.4
Rows/FPI (Fins per inch)	1/23	1/23	1/23	1/23
Outdoor Fan				
Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter (in.)	1/26	1/26	1/26	1/26
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM	5,700	5,700	5,700	5,700
No. Motor/HP	1/0.5	1/0.5	1/0.5	1/0.5
Motor RPM	1,100	1,100	1,100	1,100
Refrigerant Charge (Field Supplied)				
lbs of R-410A	10.0	7.0 / 7.0	10.4	7.1 / 7.5
Shipping Dimensions				
HxWxD (in.)	45" x 45.25" x 39"	45" x 45.25" x 39"	45" x 45.25" x 39"	45" x 45.25" x 39"

Notes:

1. 6 - 10 ton and 20 - 25 ton condensing units are tested in accordance with AHRI Standard 365.
 2. 12.5 and 15 ton condensing units are AHRI Certified to AHRI Standard 365.
 3. 6 - 20 ton units are AHRI Certified to AHRI Standard 340-360 (I-P). Rating conditions are 95°F outdoor air temperature, 80°F entering dry bulb, 67°F entering wet bulb with 25ft of interconnecting refrigerant piping with minimum external static pressure as determined by rating standard.
 4. 25 ton units are tested in accordance with AHRI Standard 340-360.
- ⁽¹⁾ Refer to refrigerant piping applications manual for line sizing and line length.

Table 9. General data - 6-10 tons (TWE0724*B* - TWE1204*B*) SZVAV and 2-speed VFD air handler - 60hz

	6 Tons Dual Circuit TWE07243B*, 4B*, WB*	7.5 Tons Single Circuit TWE09043A*, 4A*, WA*	7.5 Tons Dual Circuit TWE09043B*, 4B*, WB*	10 Tons Single Circuit TWE12043A*, 4A*, WA*	10 Tons Dual Circuit TWE12043B*, 4B*, WB*
System Data					
No. Refrigerant Circuits	2	1	2	1	2
Suction Line Connection (in.) OD	1-1/8	1-3/8	1-1/8	1-3/8	1-1/8
Liquid Line Connection (in.) OD	1/2	1/2	1/2	1/2	1/2
Indoor Coil					
Type	Lanced/Intertwined	Lanced/Intertwined	Lanced/Intertwined	Lanced/Intertwined	Lanced/Intertwined
Tube Size (in.)	0.375	0.375	0.375	0.375	0.375
Face Area (sq. ft.)	8.1	8.1	8.1	11.2	11.2
Rows/FPI (Fins per inch)	4/14	4/14	4/14	4/14	4/14
Refrigerant Control	Expansion Valve	Expansion Valve	Expansion Valve	Expansion Valve	Expansion Valve
Drain Connection Size (in.)	1 PVC	1 PVC	1 PVC	1 PVC	1 PVC
Indoor Fan					
Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal
No. Used/Diameter x Width (in.)	1/15x15	1/15x15	1/15x15	1/15x15	1/15x15
Drive Type/No. Speeds	Belt/VFD Variable	Belt/VFD Variable	Belt/VFD Variable	Belt/VFD Variable	Belt/VFD Variable
CFM (Nominal)	2400	3000	3000	4000	4000
No. Motors	1	1	1	1	1
Motor HP - Standard/Oversized	2.0/3.0	2.0/3.0	2.0/3.0	2.0/3.0	2.0/3.0
Motor RPM	1725	1725	1725	1725	1725
Motor Frame Size	56 H	56 H	56 H	56 H	56 H
Filters⁽¹⁾					
Type/Furnished	Throwaway/Yes	Throwaway/Yes	Throwaway/Yes	Throwaway/Yes	Throwaway/Yes
(No.)/Size Recommended	(3) 16x25x1	(3) 16x25x1	(3) 16x25x1	(4) 16x25x1	(4) 16x25x1
MERV 13 (No.)/Size Recommended	(3) 16x25x2	(3) 16x25x2	(3) 16x25x2	(4) 16x25x2	(4) 16x25x2
Shipping Dimensions					
HxWxD (in.)	61.2" x 30.5" x 53"	61.2" x 30.5" x 53"	61.2" x 30.5" x 53"	61.2" x 30.5" x 69"	61.2" x 30.5" x 69"

⁽¹⁾ One inch, throw-away filters shall be standard on TWE060, TWE072, TWE090, TWE120 model air handlers from the factory. The filter rack can be field converted to two inch capability. Two inch, throw-away filters shall be standard on TWE1504*B, TWE1804*B, and TWE2404*B models.