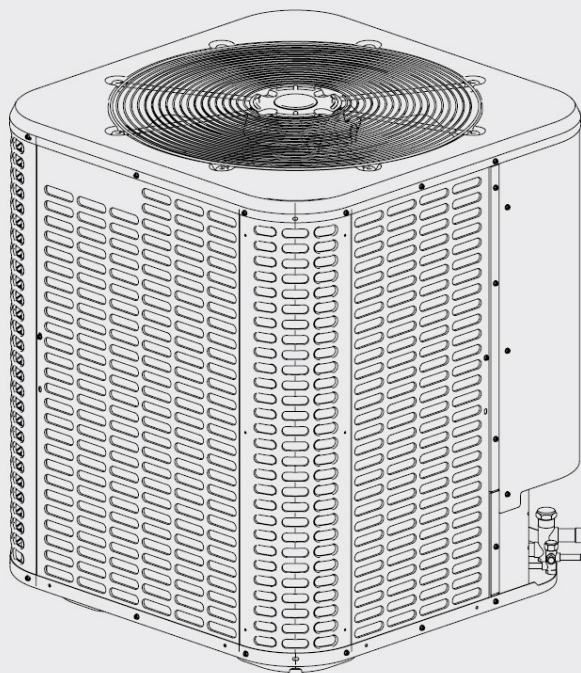


Product Specifications

Split System Heat Pump YDV and XDV Series Condensing Unit

3-5 Ton Capacity | R-454B



BTC-910108201-A / 05.2026



Table of Contents

1	Product Features	4
1.1	Features and Benefits	4
1.2	Standard Features	4
1.3	Cabinet Features	4
1.4	Limited Warranty	4
2	Nomenclature	5
3	Product Specifications	6
4	Extended Performance Data	7
4.1	Outdoor Unit (YDV/XDV) + Indoor Unit (JDE) – Cooling Mode	7
4.2	Outdoor Unit (YDV/XDV) + Indoor Unit (JDE) - Heating Mode	15
5	AHRI 210/240 Performance Data	19
5.1	SEER2 Data	19
6	Sound Data	20
7	Dimensions	21

1 Product Features

1.1 Features and Benefits

- Premium efficiency – Up to 20 SEER2
- Product designed to use R-454B refrigerant
- Optional communication between YDV/XDV and JDE Air Handler Unit
- Outdoor coil – copper tube with hydrophilic aluminum fins
- 10 speed ECM outdoor motor for quiet and efficient operation
- Inverter Drive Compressor (35%-138% speed in cooling, 34%-130% speed in heating), modulation in 1% increments
- Whisper Quiet operation
- Small footprint – 29-1/8" (W) x 29-1/8" (D)
- Easy to install – compatible with most standard 24 VAC heat pump thermostats

1.2 Standard Features

- Intelligent Oil Return Technology
- Inverter Driven Rotary Compressor
- Crankcase Heater
- Compressor Sound Blanket
- Multiple System Protection:
 - High pressure switch and low pressure transducer
 - Compressor liquid return protection
 - Compressor high or low compression ratio protection
 - Compressor high temperature protection
 - High / low voltage protection and over current protection
 - IPM and electronic control board high temperature protection
- Outdoor coil is capable of withstanding 1000-hour salt spray test according to ASTM B117 standard
- AHRI certified; ETL listed

1.3 Cabinet Features

- Baked-on powder paint finish
- Wind Load compliant per Florida Building Code - 2010
- Wire fan discharge grille
- Steel louver coil guard

1.4 Limited Warranty

For Products installed in a one or two family residential dwelling BHC warrants that all compressors and internal components incorporated into the Product at the time of shipment by BHC shall remain free from defects in workmanship and materials for ten (10) years* from the Commencement Date. If the Warranty Registration process has been completed and BHC determines that the Product or any part of the Product has a defect in workmanship or materials, BHC shall pay labor charges associated with the repair or replacement of the part in accordance with the Warranty Labor Allowance Schedule** for the period of ninety (90) days from the Commencement Date.

* ** For additional warranty information and details of the Warranty Labor Allowance Schedule, please contact CG-UPGConsumerRelations@bosch-hcgroup.com

2 Nomenclature

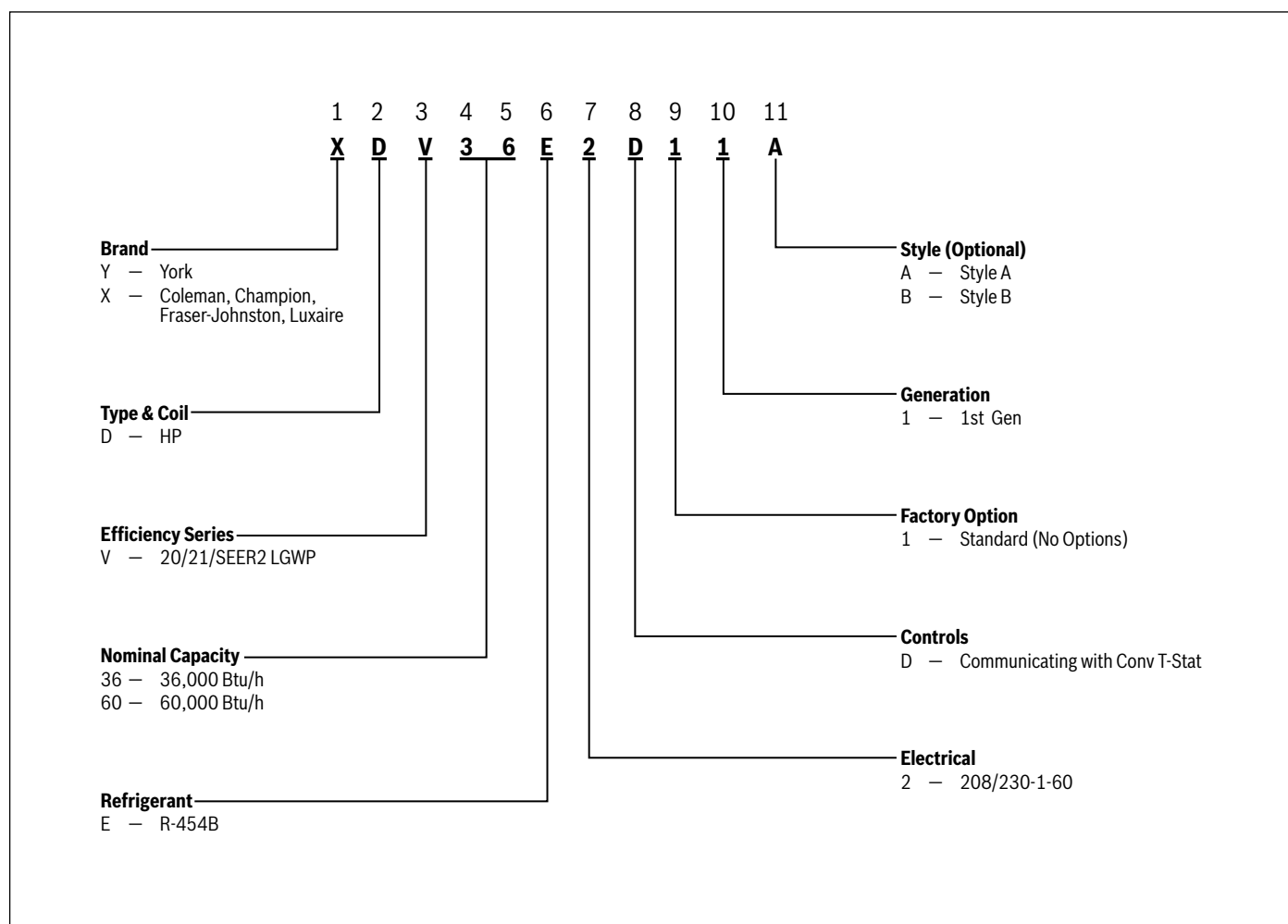


Figure 1

3 Product Specifications

	3 Ton	5 Ton
Cooling Capacity		
Nominal Cooling - Btu/h	34200	52000
Nominal Heating - Btu/h	34200	55000
Sound Power - dB(A)		
Maximum @ 100% Load	75.7	78.3
Minimum @ Minimum Load	59.3	67.0
Compressor		
Rated Load Amps - A	17	29
Condenser Fan Motor		
Horsepower - HP	1/3	1/3
Full Load Amps - A	2.1	2.2
Refrigeration System		
Refrigerant Line Size¹		
Liquid Line Size (OD) - in	3/8	3/8
Suction Line Size (OD) - in	3/4	7/8
Refrigerant Connection Size		
Liquid Valve Size (OD) - in	3/8	3/8
Suction Valve Size (OD) - in	3/4	7/8
Refrigerant Charge (R-454B) - lb-oz	6-11	10-3
Expansion Device	EEV (Electronic Expansion Valve)	
Maximum Line Length - ft	150	150
Maximum Elevation Difference - ft	50	50
Operating Range		
Cooling - °F	15 to 125	
Heating - °F	-4 to 86	
Electrical Data		
Voltage-Phase-Hz	208/230-1-60	208/230-1-60
Minimum Circuit Ampacity² - A	23.4	38.5
Maximum Overcurrent Protection³ - A	40	60
Maximum Fuse Size - A	30	45
Minimum / Maximum Voltage - V	187/253	
Weight		
Net Weight (without packaging) - lb	146	211
Gross Weight (with packaging)⁴ - lb	173	238
Dimensions		
Unit L x W x H - in	29-1/8 x 29-1/8 x 24-15/16	29-1/8 x 29-1/8 x 33-3/16
Outdoor Coil		
Net face area - sq ft Outer Coil	13.6	18.4
Tube diameter - in [mm]	9/32 [7]	9/32 [7]
Number of rows	2	2.8
Fins per inch	17	19

Table 1

¹ Tested and rated in accordance with AHRI Standard 210/240.

² Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes.

³ Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

⁴ Weight values are estimated.



- Always check the rating plate for electrical data on the unit being installed.
- Unit is factory charged with refrigerant for 15 feet of 3/8" liquid line.
- System charge must be adjusted per Installation Instructions Final Charge Procedure.
- TXV is required at indoor unit to match our outdoor unit.

4 Extended Performance Data

4.1 Outdoor Unit (YDV/XDV) + Indoor Unit (JDE) – Cooling Mode

YDV/XDV36 + JDE24 For Cooling																		
Indoor Airflow - CFM	Outdoor DB - °F	IWB - °F	59				63				67				71			
			IDB - °F	70	75	80	85	70	75	80	85	70	75	80	85	70	75	80
500	15	TC	17.3	17.5	17.9	18.1	17.9	18.1	18.3	18.5	19.1	19.3	19.5	19.7	/	24.9	25.1	25.4
		S/T	0.9	0.9	1.0	1.0	0.6	0.8	0.9	1.0	0.4	0.6	0.7	0.9	/	0.4	0.5	0.6
		KW	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	/	1.2	1.2	1.2
	65	TC	17.4	17.6	18.1	18.3	18.1	18.3	18.5	18.7	19.3	19.5	19.7	19.8	/	25.1	25.3	25.6
		S/T	0.9	0.9	1.0	1.0	0.6	0.8	0.9	1.0	0.4	0.6	0.7	0.9	/	0.4	0.5	0.6
		KW	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	/	1.2	1.2	1.2
	75	TC	17.6	17.8	18.2	18.4	18.2	18.4	18.6	18.9	19.5	19.7	19.8	20.0	/	24.7	25.0	25.2
		S/T	0.9	0.9	1.0	1.0	0.6	0.8	0.9	1.0	0.4	0.6	0.7	0.9	/	0.4	0.5	0.6
		KW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	/	1.4	1.4	1.4
	85	TC	17.6	17.8	18.2	18.4	18.2	18.4	18.6	18.8	19.4	19.6	19.8	19.9	/	24.7	25.0	25.2
		S/T	0.9	0.9	1.0	1.0	0.6	0.8	0.9	1.0	0.4	0.6	0.7	0.9	/	0.4	0.5	0.7
		KW	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	/	1.5	1.6	1.6
	95	TC	17.5	17.7	18.2	18.4	18.2	18.4	18.6	18.8	19.4	19.6	19.8	19.9	/	24.6	24.8	25.0
		S/T	0.9	0.9	1.0	1.0	0.6	0.8	0.9	1.0	0.4	0.6	0.7	0.9	/	0.4	0.5	0.7
		KW	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	/	1.8	1.9	1.9
	105	TC	16.9	17.1	17.5	17.7	17.5	17.7	17.9	18.1	18.7	18.9	19.1	19.3	/	23.7	23.9	24.1
		S/T	0.9	1.0	1.0	1.0	0.6	0.8	1.0	1.0	0.4	0.6	0.8	0.9	/	0.4	0.5	0.7
		KW	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.9	/	2.2	2.3	2.3
	115	TC	16.6	16.8	17.2	17.4	17.2	17.4	17.6	17.8	18.4	18.6	18.8	19.0	/	23.5	23.7	23.9
		S/T	0.9	1.0	1.0	1.0	0.7	0.8	1.0	1.0	0.4	0.6	0.8	0.9	/	0.4	0.5	0.7
		KW	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.2	/	2.7	2.7	2.7
	125	TC	15.2	15.4	15.8	16.0	15.8	16.0	16.2	16.3	17.1	17.1	17.2	17.2	/	18.3	18.3	18.3
		S/T	0.9	1.0	1.0	1.0	0.6	0.8	1.0	1.0	0.4	0.6	0.8	1.0	/	0.4	0.6	0.8
		KW	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	/	2.2	2.2	2.2
600	15	TC	17.7	17.9	18.3	18.5	18.3	18.5	18.7	18.9	19.6	19.8	19.9	18.7	/	25.4	25.7	26.0
		S/T	0.9	1.0	1.0	1.0	0.6	0.9	1.0	1.0	0.4	0.6	0.7	1.0	/	0.4	0.5	0.7
		KW	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	/	1.1	1.2	1.2
	65	TC	17.7	17.9	18.3	18.5	18.3	18.5	18.7	18.9	19.5	19.7	19.8	20.0	/	25.5	25.7	26.0
		S/T	0.9	1.0	1.0	1.0	0.6	0.9	1.0	1.0	0.4	0.6	0.7	0.9	/	0.4	0.5	0.7
		KW	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	/	1.1	1.2	1.2
	75	TC	17.9	18.1	18.5	18.7	18.5	18.7	18.9	19.1	19.7	19.8	20.0	20.2	/	25.1	25.4	25.6
		S/T	0.9	1.0	1.0	1.0	0.6	0.9	1.0	1.0	0.4	0.6	0.7	0.9	/	0.4	0.5	0.7
		KW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	/	1.4	1.4	1.5
	85	TC	17.9	18.1	18.5	18.7	18.5	18.7	18.9	19.1	19.7	19.8	20.0	20.2	/	25.1	25.3	25.6
		S/T	0.9	1.0	1.0	1.0	0.6	0.9	1.0	1.0	0.4	0.6	0.7	0.9	/	0.4	0.5	0.7
		KW	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	/	1.6	1.6	1.6
	95	TC	17.8	18.0	18.4	18.6	18.4	18.6	18.8	19.0	19.6	19.8	19.9	20.2	/	25.0	25.2	25.4
		S/T	0.9	1.0	1.0	1.0	0.6	0.9	1.0	1.0	0.4	0.6	0.7	0.9	/	0.4	0.5	0.7
		KW	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	/	1.9	1.9	1.9
	105	TC	17.3	17.5	17.9	18.1	17.9	18.1	18.3	18.5	19.2	19.4	19.5	19.7	/	24.2	24.5	24.7
		S/T	1.0	1.0	1.0	1.0	0.7	0.9	1.0	1.0	0.4	0.6	0.8	0.9	/	0.4	0.6	0.7
		KW	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	/	2.3	2.3	2.3
	115	TC	17.0	17.2	17.6	17.8	17.6	17.8	18.0	18.2	18.9	19.1	19.2	19.4	/	24.0	24.2	24.5
		S/T	1.0	1.0	1.0	1.0	0.7	0.9	1.0	1.0	0.4	0.6	0.8	1.0	/	0.4	0.6	0.7
		KW	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	/	2.7	2.8	2.8
	125	TC	15.6	15.8	16.1	16.3	16.1	16.3	16.5	16.6	17.5	17.5	17.5	17.6	/	18.6	18.7	18.7
		S/T	1.0	1.0	1.0	1.0	0.7	0.9	1.0	1.0	0.4	0.6	0.8	1.0	/	0.4	0.6	0.8
		KW	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	/	2.2	2.2	2.2
700	15	TC	19.7	19.9	20.3	20.6	20.3	20.6	20.7	20.9	21.6	21.9	22.1	20.7	/	28.0	28.4	28.6
		S/T	0.96	0.99	0.99	0.99	0.64	0.9	0.97	0.99	0.39	0.58	0.75	0.99	/	0.39	0.53	0.66
		KW	0.99	1.0	1.01	1.01	1.01	1.02	1.04	1.05	1.04	1.05	1.06	1.08	/	1.33	1.34	1.35
	65	TC	19.6	19.8	20.2	20.4	20.2	20.4	20.6	20.8	21.5	21.7	21.9	22.2	/	27.7	28.0	28.2
		S/T	0.96	0.99	0.99	0.99	0.65	0.9	0.97	0.99	0.39	0.58	0.75	0.94	/	0.39	0.53	0.66
		KW	0.99	1.0	1.01	1.01	1.01	1.02	1.04	1.05	1.04	1.05	1.06	1.08	/	1.33	1.34	1.35
	75	TC	19.8	19.9	20.4	20.6	20.4	20.6	20.7	21.0	21.7	21.9	22.1	22.3	/	27.8	28.1	28.3
		S/T	0.96	0.99	0.99	0.99	0.64	0.9	0.97	0.99	0.39	0.58	0.75	0.94	/	0.39	0.53	0.66
		KW	1.14	1.15	1.16	1.16	1.16	1.19	1.2	1.21	1.21	1.22	1.23	1.25	/	1.53	1.56	1.58
	85	TC	19.8	19.9	20.4	20.6	20.4	20.6	20.7	21.0	21.6	21.9	22.1	22.3	/	27.6	27.7	28.0
		S/T	0.96	0.99	0.99	0.99	0.64	0.9	0.97	0.99	0.39	0.58	0.75	0.94	/	0.39	0.53	0.67
		KW	1.31	1.32	1.33	1.33	1.33	1.35	1.36	1.38	1.39	1.4	1.41	1.42	/	1.72	1.74	1.76
	95	TC	19.7	19.8	20.3	20.5	20.3	20.5	20.7	20.9	21.5	21.8	22.0	22.1	/	27.3	27.6	27.7
		S/T	0.96	0.99	0.99	0.99	0.64	0.9	0.97	0.99	0.39	0.58	0.74	0.95	/	0.39	0.53	0.67
		KW	1.58	1.6	1.61	1.61	1.61	1.63	1.64	1.66	1.67	1.68	1.69	1.7	/	2.07	2.11	2.12
	105	TC	18.9	19.2	19.5	19.7	19.5	19.7	19.9	20.2	20.8	21.0	21.2	21.4	/	26.4	26.7	26.9
		S/T	0.98	0.99	0.99	0.99	0.66	0.93	0.99	0.99	0.4	0.59	0.79	0.98	/	0.4	0.55	0.69
		KW	1.9	1.92	1.94	1.94	1.94	1.96	1.98	2.0	2.01	2.03	2.04	2.06	/	2.54	2.56	2.59
	115	TC	18.8	19.0	19.5	19.6	19.5	19.6	19.8	20.0	20.6	20.8	21.0	21.3	/	26.1	26.3	26.6
		S/T	0.98	0.99	0.99	0.99	0.66	0.93	0.99	0.99	0.4	0.59	0.79	0.99	/	0.4	0.56	0.7
		KW	2.26	2.28	2.3	2.3	2.3	2.33	2.35	2.37	2.39	2.41	2.43	2.45	/	3.04	3.08	3.11
	125	TC	15.8	16.0	16.4	16.5	16.4	16.5	16.7	16.9	17.7	17.8	17.8	17.8	/	18.9	19.0	19.0
		S/T	0.99	0.99	0.99	0.99	0.66	0.94	0.99	0.99	0.41	0.63	0.87	0.99	/	0.41	0.62	0.84
		KW	2.08	2.1	2.13	2.13	2.13	2.15	2.17	2.19	2.23	2.23	2.23	2.23	/	2.24	2.24	2.24

Product Specifications

YDV/XDV36 + JDE24 For Cooling																		
Indoor Airflow - CFM	Outdoor DB - °F	IWB - °F	59				63				67				71			
		IDB - °F	70	75	80	85	70	75	80	85	70	75	80	85	70	75	80	85
800	15	TC	21.5	21.8	22.3	22.5	22.3	22.5	22.8	23.0	23.8	24.0	24.3	22.6	/	30.7	31.0	31.3
		S/T	1.0	1.0	1.0	1.0	0.7	0.9	1.0	1.0	0.4	0.6	0.8	1.0	/	0.4	0.5	0.7
		kW	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	/	1.2	1.3	1.3
	65	TC	21.6	21.8	22.3	22.6	22.3	22.6	22.8	23.1	23.9	24.1	24.3	24.6	/	30.2	30.5	30.8
		S/T	1.0	1.0	1.0	1.0	0.6	0.9	1.0	1.0	0.4	0.6	0.8	0.9	/	0.4	0.5	0.7
		kW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	/	1.5	1.6	1.6
	75	TC	21.7	22.0	22.5	22.7	22.5	22.7	23.1	23.3	24.2	24.5	24.6	24.6	/	30.9	31.1	31.4
		S/T	1.0	1.0	1.0	1.0	0.7	0.9	1.0	1.0	0.4	0.6	0.8	1.0	/	0.4	0.5	0.7
		kW	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	/	1.8	1.8	1.8
	85	TC	21.6	21.8	22.3	22.6	22.3	22.6	22.8	23.2	24.2	24.3	24.4	24.6	/	30.5	30.8	31.0
		S/T	1.0	1.0	1.0	1.0	0.7	0.9	1.0	1.0	0.4	0.6	0.8	1.0	/	0.4	0.5	0.7
		kW	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	/	1.9	1.9	2.0
	95	TC	21.4	21.7	22.2	22.4	22.2	22.4	22.6	23.0	23.8	24.0	24.2	24.4	/	30.2	30.4	30.6
		S/T	1.0	1.0	1.0	1.0	0.7	0.9	1.0	1.0	0.4	0.6	0.8	1.0	/	0.4	0.5	0.7
		kW	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	/	2.3	2.3	2.3
	105	TC	20.4	20.7	21.2	21.4	21.2	21.4	21.7	21.9	22.6	22.8	23.0	23.3	/	28.5	28.7	29.0
		S/T	1.0	1.0	1.0	1.0	0.7	0.9	1.0	1.0	0.4	0.6	0.8	1.0	/	0.4	0.6	0.7
		kW	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.3	2.3	/	2.8	2.9	2.9
	115	TC	20.3	20.5	21.0	21.2	21.0	21.2	21.5	21.7	22.5	22.6	22.8	23.0	/	27.4	27.4	27.3
		S/T	1.0	1.0	1.0	1.0	0.7	0.9	1.0	1.0	0.4	0.6	0.8	1.0	/	0.4	0.6	0.7
		kW	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.7	2.7	2.7	/	3.2	3.2	3.2
	125	TC	16.0	16.2	16.5	16.7	16.5	16.7	16.8	17.0	17.9	18.0	18.0	18.0	/	19.2	19.2	19.2
		S/T	1.0	1.0	1.0	1.0	0.7	0.9	1.0	1.0	0.4	0.7	0.9	1.0	/	0.4	0.7	0.9
		kW	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3	/	2.3	2.3	2.3
900	15	TC	25.1	25.4	26.0	26.3	26.0	26.3	26.6	26.8	27.7	27.9	28.2	28.5	/	35.1	35.4	35.6
		S/T	0.98	0.99	0.99	0.99	0.66	0.9	0.97	0.99	0.39	0.59	0.8	0.99	/	0.38	0.55	0.7
		kW	1.12	1.13	1.14	1.14	1.14	1.15	1.17	1.18	1.18	1.19	1.21	1.22	/	1.72	1.75	1.77
	65	TC	25.2	25.5	26.1	26.4	26.1	26.4	26.7	26.9	27.7	27.9	28.2	28.5	/	35.1	35.4	35.6
		S/T	0.98	0.99	0.99	0.99	0.66	0.9	0.97	0.99	0.39	0.59	0.8	0.99	/	0.38	0.55	0.7
		kW	1.44	1.45	1.47	1.47	1.47	1.48	1.5	1.51	1.51	1.52	1.54	1.55	/	2.05	2.08	2.1
	75	TC	25.55	25.86	26.46	26.77	26.46	26.77	26.97	27.27	28.08	28.38	28.58	28.89	/	35.45	35.75	35.96
		S/T	0.97	0.99	0.99	0.99	0.66	0.9	0.97	0.99	0.39	0.59	0.8	0.99	/	0.38	0.55	0.7
		kW	1.65	1.66	1.68	1.68	1.68	1.7	1.71	1.74	1.74	1.76	1.78	1.79	/	2.19	2.22	2.24
	85	TC	25.15	25.45	26.06	26.36	26.06	26.36	26.66	26.97	27.78	27.98	28.18	28.38	/	34.85	35.15	35.45
		S/T	0.97	0.99	0.99	0.99	0.66	0.9	0.97	0.99	0.39	0.59	0.8	0.99	/	0.38	0.55	0.7
		kW	1.81	1.83	1.85	1.85	1.85	1.86	1.88	1.9	1.92	1.94	1.95	1.96	/	2.42	2.44	2.48
	95	TC	24.85	25.15	25.76	26.06	25.76	26.06	26.36	26.56	27.47	27.67	27.98	28.08	/	33.53	33.73	33.73
		S/T	0.97	0.99	0.99	0.99	0.66	0.9	0.97	0.99	0.39	0.59	0.81	0.99	/	0.38	0.56	0.72
		kW	2.15	2.17	2.19	2.19	2.19	2.21	2.24	2.26	2.26	2.29	2.31	2.33	/	2.8	2.8	2.8
	105	TC	23.7	24.0	24.6	24.9	24.6	24.9	25.1	25.4	26.2	26.4	26.6	26.9	/	30.7	30.9	31.0
		S/T	0.98	0.99	0.99	0.99	0.68	0.93	0.99	0.99	0.4	0.61	0.84	0.99	/	0.4	0.59	0.77
		kW	2.58	2.61	2.63	2.63	2.63	2.67	2.7	2.72	2.73	2.75	2.77	2.8	/	3.16	3.16	3.16
	115	TC	23.3	23.6	24.2	24.4	24.2	24.4	24.7	25.0	25.8	26.0	26.2	26.4	/	28.2	28.3	28.5
		S/T	0.99	0.99	0.99	0.99	0.69	0.93	0.99	0.99	0.4	0.62	0.84	0.99	/	0.4	0.6	0.81
		kW	3.05	3.09	3.12	3.12	3.12	3.15	3.18	3.22	3.23	3.25	3.29	3.31	/	3.36	3.37	3.37
	125	TC	16.1	16.3	16.6	16.8	16.6	16.8	17.0	17.2	18.1	18.1	18.1	18.2	/	19.4	19.4	19.4
		S/T	0.99	0.99	0.99	0.99	0.72	0.93	0.99	0.99	0.41	0.72	0.89	0.99	/	0.42	0.72	0.99
		kW	2.24	2.28	2.3	2.3	2.3	2.32	2.34	2.37	2.42	2.42	2.42	2.42	/	2.43	2.43	2.43

Table 3

TC: refer to total capacity in kBTU/h S/T: refer to the ratio of sensible heat and total capacity
kW: refer to total input power

YDV/XDV36 + JDE36 For Cooling																		
Indoor Airflow - CFM	Outdoor DB - °F	IWB - °F IDB - °F	59				63				67				71			
			70	75	80	85	70	75	80	85	70	75	80	85	70	75	80	85
750	15	TC	25.0	25.3	26.3	26.7	26.3	26.7	27.2	27.4	28.9	29.3	29.6	30.0	/	36.8	37.2	37.6
		S/T	0.8	0.9	0.9	1.0	0.6	0.8	0.9	0.9	0.4	0.5	0.7	0.8	/	0.3	0.5	0.6
		kW	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	/	1.7	1.7	1.7
	65	TC	24.3	24.7	25.4	25.9	25.4	25.9	26.4	26.8	28.2	28.6	28.8	29.2	/	36.2	36.6	37.4
		S/T	0.8	0.9	0.9	1.0	0.6	0.8	0.9	0.9	0.4	0.5	0.7	0.8	/	0.3	0.5	0.6
		kW	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	/	2.2	2.2	2.1
	75	TC	24.4	24.9	25.7	26.0	25.7	26.0	26.5	27.0	28.5	28.7	29.0	29.3	/	37.5	37.6	37.8
		S/T	0.8	0.9	0.9	1.0	0.6	0.8	0.8	0.9	0.4	0.5	0.7	0.8	/	0.3	0.5	0.6
		kW	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	/	2.3	2.3	2.3
	85	TC	23.6	24.0	24.9	25.2	24.9	25.2	25.6	26.0	27.5	27.8	28.1	28.3	/	34.6	34.9	35.2
		S/T	0.8	0.9	0.9	1.0	0.6	0.8	0.9	0.9	0.4	0.5	0.7	0.8	/	0.3	0.5	0.6
		kW	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	/	2.5	2.5	2.5
	95	TC	22.8	23.0	23.8	24.3	23.8	24.3	24.7	25.1	26.6	26.8	27.1	27.3	/	32.3	32.5	32.5
		S/T	0.8	0.9	0.9	1.0	0.6	0.8	0.9	0.9	0.4	0.5	0.7	0.8	/	0.3	0.5	0.6
		kW	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4	/	2.8	2.8	2.8
	105	TC	20.4	20.8	21.5	21.9	21.5	21.9	22.2	22.6	24.0	24.2	24.4	24.7	/	26.7	27.0	26.7
		S/T	0.8	0.9	0.9	1.0	0.6	0.8	0.9	0.9	0.4	0.5	0.7	0.8	/	0.3	0.5	0.6
		kW	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	/	3.0	3.0	3.0
	115	TC	13.9	14.1	14.8	15.0	14.8	15.0	15.4	15.6	16.8	16.9	17.0	17.2	/	18.9	19.0	19.1
		S/T	0.8	0.9	0.9	1.0	0.6	0.8	0.9	0.9	0.4	0.5	0.7	0.9	/	0.3	0.5	0.6
		kW	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.6	/	2.7	2.7	2.7
	125	TC	5.9	6.0	6.4	6.6	6.4	6.6	6.9	7.1	8.0	8.0	8.1	8.1	/	9.4	9.4	9.4
		S/T	0.8	0.8	0.9	1.0	0.6	0.8	0.9	0.9	0.4	0.6	0.8	1.0	/	0.4	0.6	0.8
		kW	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	/	1.8	1.8	1.8
900	15	TC	26.3	26.7	27.5	27.9	27.5	27.9	28.3	28.7	30.0	30.3	30.7	30.9	/	37.3	37.7	38.1
		S/T	0.8	0.9	1.0	1.0	0.6	0.8	0.9	0.9	0.4	0.5	0.7	0.9	/	0.3	0.5	0.6
		kW	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	/	1.7	1.7	1.8
	65	TC	25.6	26.1	26.8	27.1	26.8	27.1	27.6	28.0	29.3	29.6	29.9	30.2	/	36.8	37.1	37.9
		S/T	0.8	0.9	1.0	1.0	0.6	0.8	0.9	0.9	0.4	0.5	0.7	0.9	/	0.3	0.5	0.6
		kW	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	2.0	/	2.3	2.3	2.2
	75	TC	25.7	26.2	27.0	27.3	27.0	27.3	27.7	28.1	29.5	29.7	30.1	30.4	/	38.0	38.2	38.3
		S/T	0.8	0.9	1.0	1.0	0.6	0.8	0.9	0.9	0.4	0.5	0.7	0.9	/	0.3	0.5	0.6
		kW	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	/	2.5	2.5	2.5
	85	TC	25.1	25.4	26.2	26.6	26.2	26.6	26.9	27.3	28.8	29.0	29.2	29.4	/	35.3	35.5	35.8
		S/T	0.8	0.9	1.0	1.0	0.6	0.8	0.9	0.9	0.4	0.5	0.7	0.9	/	0.3	0.5	0.6
		kW	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	/	2.7	2.7	2.7
	95	TC	24.2	24.5	25.2	25.6	25.2	25.6	26.1	26.4	27.8	28.0	28.2	28.6	/	33.1	33.3	33.3
		S/T	0.8	0.9	1.0	1.0	0.6	0.8	0.9	0.9	0.4	0.5	0.7	0.9	/	0.3	0.5	0.6
		kW	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.6	/	3.0	3.0	3.0
	105	TC	22.1	22.4	23.1	23.5	23.1	23.5	23.8	24.1	25.5	25.7	25.8	26.1	/	28.1	28.3	28.1
		S/T	0.8	0.9	1.0	1.0	0.6	0.8	0.9	0.9	0.4	0.5	0.7	0.9	/	0.4	0.5	0.6
		kW	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.1	3.1	/	3.2	3.2	3.1
	115	TC	16.0	16.2	16.7	17.0	16.7	17.0	17.3	17.5	18.7	18.8	18.9	19.1	/	20.6	20.7	20.8
		S/T	0.8	0.9	1.0	1.0	0.6	0.8	0.9	0.9	0.4	0.5	0.7	0.9	/	0.4	0.5	0.7
		kW	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7	/	2.8	2.8	2.8
	125	TC	8.4	8.6	9.0	9.1	9.0	9.1	9.3	9.5	10.4	10.4	10.5	10.5	/	11.7	11.7	11.7
		S/T	0.8	0.9	1.0	1.0	0.6	0.8	0.9	0.9	0.4	0.6	0.9	1.0	/	0.4	0.6	0.9
		kW	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	/	1.9	1.9	1.9
1050	15	TC	29.2	29.6	30.5	30.8	30.5	30.8	31.3	31.6	32.9	33.2	33.7	34.0	/	40.4	40.6	41.0
		S/T	0.89	0.94	0.99	0.99	0.61	0.84	0.97	0.99	0.35	0.54	0.73	0.93	/	0.35	0.5	0.64
		kW	1.27	1.29	1.31	1.31	1.31	1.32	1.34	1.34	1.34	1.35	1.37	1.39	/	1.81	1.83	1.86
	65	TC	28.7	29.0	29.7	30.2	29.7	30.2	30.6	30.9	32.4	32.7	32.8	33.1	/	39.8	40.2	40.8
		S/T	0.89	0.94	0.99	0.99	0.59	0.84	0.97	0.99	0.35	0.54	0.72	0.91	/	0.35	0.5	0.65
		kW	1.9	1.92	1.94	1.94	1.94	1.97	1.99	2.0	2.0	2.02	2.05	2.07	/	2.42	2.44	2.31
	75	TC	28.8	29.1	30.0	30.3	30.0	30.3	30.7	31.1	32.6	32.7	33.0	33.3	/	40.9	41.1	41.3
		S/T	0.9	0.95	0.99	0.99	0.6	0.84	0.97	0.99	0.35	0.53	0.72	0.91	/	0.35	0.5	0.65
		kW	1.9	1.92	1.95	1.95	1.95	1.96	1.98	2.01	2.01	2.02	2.04	2.07	/	2.58	2.59	2.59
	85	TC	28.0	28.4	29.1	29.5	29.1	29.5	29.9	30.3	31.7	31.9	32.2	32.5	/	38.3	38.5	38.8
		S/T	0.9	0.95	0.99	0.99	0.6	0.85	0.97	0.99	0.35	0.54	0.73	0.93	/	0.35	0.5	0.65
		kW	2.15	2.16	2.19	2.19	2.19	2.22	2.23	2.26	2.27	2.29	2.3	2.32	/	2.76	2.79	2.8
	95	TC	27.1	27.5	28.2	28.7	28.2	28.7	29.0	29.3	30.7	30.9	31.2	31.5	/	36.2	36.4	36.4
		S/T	0.9	0.95	0.99	0.99	0.6	0.85	0.97	0.99	0.35	0.54	0.73	0.94	/	0.35	0.5	0.67
		kW	2.52	2.55	2.58	2.58	2.58	2.6	2.63	2.65	2.67	2.69	2.71	2.73	/	3.12	3.13	3.13
	105	TC	25.0	25.3	25.9	26.3	25.9	26.3	26.6	27.0	28.3	28.5	28.7	29.0	/	30.9	31.0	30.9
		S/T	0.89	0.94	0.99	0.99	0.6	0.85	0.97	0.99	0.35	0.54	0.75	0.95	/	0.35	0.51	0.68
		kW	3.0	3.03	3.07	3.07	3.07	3.1	3.13	3.16	3.18	3.21	3.23	3.25	/	3.34	3.36	3.31
	115	TC	18.8	19.0	19.6	19.9	19.6	19.9	20.1	20.3	21.6	21.7	21.8	21.9	/	23.5	23.6	23.6
		S/T	0.9	0.95	0.99	0.99	0.6	0.86	0.97	0.99	0.36	0.58	0.79	0.99	/	0.35	0.55	0.76
		kW	2.65	2.68	2.72	2.72	2.72	2.74	2.77	2.8	2.83	2.84	2.86	2.87	/	2.96	2.97	2.98
	125	TC	11.1	11.3	11.8	12.0	11.8	12.0	12.2	12.4	13.2	13.2	13.3	13.3	/	14.4	14.4	14.4
		S/T	0.9	0.95	0.99	0.99	0.69	0.99	0.97	0.99	0.37	0.69	0.99	0.99	/	0.38	0.68	0.99
		kW	1.89	1.91	1.93	1.93	1.93	1.95	1.97	1.99	2.03	2.03	2.03	2.03	/	2.04	2.04	2.04

Table 4

TC: refer to total capacity in kBTuh S/T: refer to the ratio of sensible heat and total capacity
kW: refer to total input power

Product Specifications

YDV/XDV36 + JDE36 For Cooling																		
Indoor Airflow - CFM	Outdoor DB - °F	IWB - °F	59				63				67				71			
		IDB - °F	70	75	80	85	70	75	80	85	70	75	80	85	70	75	80	85
1200	15	TC	32.2	32.6	33.4	33.9	33.4	33.9	34.3	34.5	35.9	36.3	36.6	36.9	/	43.3	43.6	44.1
		S/T	0.9	1.0	1.0	1.0	0.6	0.9	1.0	1.0	0.4	0.6	0.8	1.0	/	0.3	0.5	0.7
		kW	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	/	1.9	1.9	2.0
	65	TC	31.6	32.0	32.7	33.1	32.7	33.1	33.5	34.0	35.3	35.6	35.8	36.2	/	42.8	43.1	43.9
		S/T	0.9	1.0	1.0	1.0	0.6	0.9	1.0	1.0	0.4	0.6	0.8	1.0	/	0.4	0.5	0.7
		kW	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.2	2.2	/	2.5	2.6	2.4
	75	TC	31.9	32.3	33.1	33.4	33.1	33.4	33.9	34.3	35.7	35.9	36.2	36.6	/	44.2	44.4	44.4
		S/T	0.9	1.0	1.0	1.0	0.6	0.9	1.0	1.0	0.4	0.6	0.8	1.0	/	0.4	0.5	0.7
		kW	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.2	/	2.7	2.7	2.7
	85	TC	31.1	31.6	32.3	32.7	32.3	32.7	33.0	33.4	34.8	35.1	35.4	35.6	/	41.5	41.7	42.0
		S/T	0.9	1.0	1.0	1.0	0.6	0.9	1.0	1.0	0.4	0.6	0.8	1.0	/	0.4	0.5	0.7
		kW	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4	/	2.9	2.9	3.0
	95	TC	30.4	30.7	31.4	31.8	31.4	31.8	32.2	32.6	34.0	34.2	34.4	34.6	/	39.3	39.5	39.5
		S/T	0.9	1.0	1.0	1.0	0.6	0.9	1.0	1.0	0.4	0.6	0.8	1.0	/	0.4	0.5	0.7
		kW	2.7	2.7	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.9	2.9	/	3.3	3.3	3.3
	105	TC	27.7	28.1	28.8	29.1	28.8	29.1	29.4	29.8	31.0	31.3	31.5	31.8	/	33.7	33.9	33.7
		S/T	0.9	1.0	1.0	1.0	0.6	0.9	1.0	1.0	0.4	0.6	0.8	1.0	/	0.4	0.6	0.7
		kW	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.4	3.4	3.4	/	3.5	3.5	3.5
	115	TC	21.6	21.8	22.4	22.7	22.4	22.7	23.0	23.2	24.3	24.4	24.5	24.8	/	26.3	26.4	26.5
		S/T	0.9	1.0	1.0	1.0	0.6	0.9	1.0	1.0	0.4	0.6	0.9	1.0	/	0.4	0.6	0.9
		kW	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	/	3.1	3.1	3.1
	125	TC	14.0	14.1	14.5	14.7	14.5	14.7	15.0	15.2	16.0	16.0	16.1	16.1	/	17.3	17.3	17.3
		S/T	0.9	1.0	1.0	1.0	0.8	1.0	1.0	1.0	0.4	0.8	1.0	1.0	/	0.4	0.7	1.0
		kW	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	/	2.1	2.1	2.1
1300	15	TC	35.2	35.6	36.4	36.8	36.4	36.8	37.2	37.6	38.9	39.2	39.6	40.0	/	46.3	46.6	47.0
		S/T	0.95	0.99	1.0	1.0	0.69	0.96	1.0	1.0	0.42	0.62	0.83	1.0	/	0.41	0.57	0.76
		kW	1.4	1.42	1.44	1.44	1.44	1.45	1.47	1.48	1.48	1.49	1.51	1.53	/	1.99	2.01	2.04
	65	TC	34.5	35.0	35.7	36.2	35.7	36.2	36.5	36.9	38.2	38.5	38.8	39.1	/	45.8	46.0	46.8
		S/T	0.95	0.99	1.0	1.0	0.69	0.95	1.0	1.0	0.42	0.63	0.83	1.0	/	0.41	0.59	0.76
		kW	2.09	2.11	2.13	2.13	2.13	2.16	2.18	2.2	2.2	2.22	2.25	2.27	/	2.65	2.67	2.54
	75	TC	34.95	35.45	36.26	36.56	36.26	36.56	36.97	37.37	38.78	39.09	39.39	39.69	/	47.37	47.57	47.67
		S/T	0.95	1.0	1.0	1.0	0.68	0.95	1.0	1.0	0.42	0.63	0.83	1.0	/	0.41	0.59	0.76
		kW	2.11	2.13	2.16	2.16	2.16	2.17	2.19	2.22	2.22	2.24	2.26	2.29	/	2.86	2.87	2.87
	85	TC	34.34	34.64	35.45	35.86	35.45	35.86	36.16	36.56	38.08	38.28	38.48	38.68	/	44.64	44.84	45.15
		S/T	0.95	1.0	1.0	1.0	0.69	0.96	1.0	1.0	0.42	0.63	0.85	1.0	/	0.42	0.6	0.78
		kW	2.38	2.4	2.43	2.43	2.43	2.46	2.48	2.5	2.51	2.53	2.55	2.57	/	3.06	3.09	3.11
	95	TC	33.43	33.73	34.54	34.85	34.54	34.85	35.35	35.65	37.07	37.27	37.47	37.88	/	42.42	42.62	42.62
		S/T	0.96	1.0	1.0	1.0	0.69	0.97	1.0	1.0	0.42	0.64	0.86	1.0	/	0.42	0.61	0.8
		kW	2.8	2.83	2.85	2.85	2.85	2.88	2.91	2.94	2.96	2.98	3.0	3.02	/	3.46	3.47	3.47
	105	TC	30.6	30.8	31.6	32.0	31.6	32.0	32.3	32.6	33.9	34.1	34.3	34.6	/	36.5	36.7	36.5
		S/T	0.96	1.0	1.0	1.0	0.7	0.97	1.0	1.0	0.42	0.64	0.87	1.0	/	0.42	0.63	0.85
		kW	3.33	3.36	3.4	3.4	3.4	3.44	3.47	3.51	3.53	3.56	3.58	3.61	/	3.7	3.72	3.66
	115	TC	24.4	24.7	25.2	25.5	25.2	25.5	25.8	26.0	27.1	27.2	27.3	27.5	/	29.1	29.2	29.3
		S/T	0.96	1.0	1.0	1.0	0.71	0.98	1.0	1.0	0.43	0.71	0.99	1.0	/	0.43	0.7	0.97
		kW	2.94	2.97	3.01	3.01	3.01	3.04	3.07	3.1	3.14	3.15	3.17	3.18	/	3.28	3.29	3.3
	125	TC	16.8	17.0	17.4	17.6	17.4	17.6	17.7	17.9	18.9	19.0	19.0	19.0	/	20.1	20.1	20.1
		S/T	0.96	1.0	1.0	1.0	0.85	0.99	1.0	1.0	0.44	0.86	1.0	1.0	/	0.46	0.76	1.0
		kW	2.09	2.12	2.14	2.14	2.14	2.16	2.18	2.21	2.25	2.25	2.25	2.25	/	2.26	2.26	2.26

Table 5

TC: refer to total capacity in kBTU/h S/T: refer to the ratio of sensible heat and total capacity
kW: refer to total input power

YDV/XDV60 + JDE48 For Cooling																		
Indoor Airflow - CFM	Outdoor DB - °F	IWB - °F IDB - °F	59				63				67				71			
1200	15	TC	36.8	37.1	38.0	38.4	38.0	38.4	38.8	39.2	40.5	40.9	41.3	41.6	/	49.3	49.6	50.6
		S/T	0.8	0.9	1.0	1.0	0.6	0.8	0.9	0.9	0.4	0.6	0.7	0.8	/	0.4	0.5	0.6
		kW	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	/	2.2	2.2	2.2
	65	TC	36.7	37.0	37.9	38.3	37.9	38.3	38.7	39.1	40.5	40.8	41.2	41.5	/	49.2	49.5	50.5
		S/T	0.8	0.9	1.0	1.0	0.6	0.8	0.9	0.9	0.4	0.6	0.7	0.8	/	0.4	0.5	0.6
		kW	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	/	2.8	2.8	2.6
	75	TC	36.4	36.9	37.6	38.1	37.6	38.1	38.5	38.8	40.2	40.5	40.9	41.3	/	48.7	49.3	49.6
		S/T	0.8	0.9	1.0	1.0	0.6	0.8	0.9	0.9	0.4	0.6	0.7	0.8	/	0.4	0.5	0.6
		kW	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.3	/	2.8	2.7	2.7
	85	TC	36.0	36.4	37.2	37.6	37.2	37.6	38.0	38.4	40.2	40.4	40.5	40.8	/	48.1	48.5	48.9
		S/T	0.8	0.9	1.0	1.0	0.6	0.8	0.9	0.9	0.4	0.6	0.7	0.9	/	0.4	0.5	0.6
		kW	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5	2.5	/	3.0	3.1	3.1
	95	TC	35.6	36.0	36.9	37.2	36.9	37.2	37.6	38.1	39.3	39.8	40.1	40.4	/	47.4	47.7	48.0
		S/T	0.8	0.9	1.0	1.0	0.6	0.8	0.9	0.9	0.4	0.6	0.7	0.9	/	0.4	0.5	0.6
		kW	2.8	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	3.0	3.0	3.0	/	3.6	3.7	3.7
	105	TC	32.5	32.9	33.6	33.9	33.6	33.9	34.4	34.7	35.9	36.1	36.5	36.8	/	42.9	43.2	43.4
		S/T	0.8	0.9	1.0	1.0	0.6	0.8	0.9	0.9	0.4	0.6	0.7	0.9	/	0.4	0.5	0.6
		kW	3.5	3.5	3.5	3.5	3.5	3.6	3.6	3.6	3.7	3.7	3.7	3.7	/	4.5	4.5	4.6
	115	TC	32.1	32.3	33.2	33.6	33.2	33.6	33.8	34.2	35.4	35.6	35.9	36.2	/	39.0	39.2	39.5
		S/T	0.8	0.9	1.0	1.0	0.6	0.8	0.9	0.9	0.4	0.6	0.7	0.9	/	0.4	0.5	0.7
		kW	4.1	4.2	4.2	4.2	4.2	4.3	4.3	4.3	4.4	4.4	4.4	4.5	/	4.7	4.7	4.7
	125	TC	25.6	26.0	26.5	26.8	26.5	26.8	27.1	27.4	28.6	28.7	28.8	28.8	/	30.5	30.6	30.7
		S/T	0.9	0.9	1.0	1.0	0.6	0.8	0.9	1.0	0.4	0.6	0.8	1.0	/	0.4	0.6	0.8
		kW	3.4	3.4	3.4	3.4	3.4	3.5	3.5	3.5	3.6	3.6	3.6	3.6	/	3.6	3.6	3.6
1350	15	TC	38.6	39.0	39.9	40.4	39.9	40.4	40.7	41.2	42.5	43.0	43.4	43.8	/	52.2	52.6	53.1
		S/T	0.9	0.9	1.0	1.0	0.6	0.8	0.9	1.0	0.4	0.6	0.7	0.9	/	0.4	0.5	0.6
		kW	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	/	2.2	2.2	2.2
	65	TC	38.3	38.7	39.5	40.0	39.5	40.0	40.5	40.8	42.7	42.8	43.0	43.4	/	52.2	52.6	53.1
		S/T	0.9	0.9	1.0	1.0	0.6	0.8	0.9	1.0	0.4	0.6	0.7	0.9	/	0.4	0.5	0.6
		kW	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.4	/	2.8	2.8	2.8
	75	TC	38.5	38.8	39.7	40.2	39.7	40.2	40.6	41.0	42.4	42.8	43.2	43.6	/	51.9	52.3	52.7
		S/T	0.9	0.9	1.0	1.0	0.6	0.8	0.9	1.0	0.4	0.6	0.7	0.9	/	0.4	0.5	0.7
		kW	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.5	/	3.0	3.0	3.0
	85	TC	37.9	38.4	39.2	39.6	39.2	39.6	40.1	40.5	41.9	42.3	42.6	43.0	/	51.1	51.4	51.8
		S/T	0.9	0.9	1.0	1.0	0.6	0.8	0.9	1.0	0.4	0.6	0.7	0.9	/	0.4	0.5	0.7
		kW	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.8	2.8	2.8	/	3.4	3.4	3.4
	95	TC	37.4	37.9	38.7	39.1	38.7	39.1	39.6	40.0	41.4	41.8	42.1	42.4	/	50.0	50.4	50.8
		S/T	0.9	0.9	1.0	1.0	0.6	0.8	0.9	1.0	0.4	0.6	0.7	0.9	/	0.4	0.5	0.7
		kW	3.1	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.3	/	4.0	4.0	4.1
	105	TC	34.3	34.8	35.6	35.9	35.6	35.9	36.3	36.7	38.0	38.3	38.7	38.9	/	45.6	46.0	46.2
		S/T	0.9	0.9	1.0	1.0	0.6	0.8	0.9	1.0	0.4	0.6	0.7	0.9	/	0.4	0.5	0.7
		kW	3.7	3.7	3.8	3.8	3.8	3.8	3.9	3.9	3.9	4.0	4.0	4.0	/	4.8	4.9	4.9
	115	TC	33.7	34.1	34.8	35.1	34.8	35.1	35.6	35.9	37.5	37.6	37.8	37.7	/	39.8	40.0	40.1
		S/T	0.9	0.9	1.0	1.0	0.6	0.8	0.9	1.0	0.4	0.6	0.7	0.9	/	0.4	0.6	0.7
		kW	4.4	4.4	4.5	4.5	4.5	4.5	4.6	4.6	4.7	4.7	4.7	4.7	/	4.7	4.7	4.8
	125	TC	26.1	26.4	27.0	27.3	27.0	27.3	27.6	27.8	29.2	29.2	29.3	29.4	/	31.1	31.2	31.2
		S/T	0.9	0.9	1.0	1.0	0.6	0.9	1.0	1.0	0.4	0.6	0.8	1.0	/	0.4	0.6	0.8
		kW	3.4	3.4	3.5	3.5	3.5	3.5	3.6	3.6	3.7	3.7	3.7	3.7	/	3.7	3.7	3.7
1550	15	TC	41.3	41.8	42.7	43.2	42.7	43.2	43.7	44.1	45.6	46.0	46.4	46.9	/	55.4	55.9	56.3
		S/T	0.9	0.93	0.99	0.99	0.62	0.84	0.95	0.99	0.4	0.56	0.72	0.9	/	0.39	0.52	0.66
		kW	1.77	1.79	1.8	1.8	1.8	1.83	1.85	1.87	1.83	1.87	1.9	1.93	/	2.3	2.32	2.34
	65	TC	40.7	41.2	42.1	42.5	42.1	42.5	43.0	43.5	45.0	45.4	45.8	46.1	/	55.2	55.6	56.1
		S/T	0.9	0.93	0.99	0.99	0.61	0.84	0.95	0.99	0.4	0.57	0.73	0.91	/	0.39	0.52	0.66
		kW	2.47	2.5	2.52	2.52	2.52	2.55	2.58	2.6	2.59	2.62	2.65	2.69	/	3.14	3.17	3.2
	75	TC	40.9	41.4	42.3	42.7	42.3	42.7	43.2	43.7	45.2	45.6	45.9	46.3	/	54.9	55.2	55.6
		S/T	0.9	0.93	0.99	0.99	0.62	0.84	0.95	0.99	0.4	0.57	0.73	0.91	/	0.39	0.52	0.66
		kW	2.54	2.58	2.61	2.61	2.61	2.63	2.66	2.69	2.68	2.71	2.74	2.76	/	3.24	3.26	3.3
	85	TC	40.3	40.7	41.7	42.2	41.7	42.2	42.5	43.0	44.5	45.0	45.3	45.7	/	53.8	54.3	54.7
		S/T	0.9	0.93	0.99	0.99	0.62	0.84	0.95	0.99	0.4	0.57	0.73	0.91	/	0.39	0.52	0.66
		kW	2.78	2.82	2.85	2.85	2.85	2.88	2.9	2.93	2.94	2.97	2.99	3.02	/	3.62	3.65	3.67
	95	TC	39.8	40.3	41.2	41.6	41.2	41.6	42.1	42.5	44.0	44.3	44.8	45.1	/	52.7	53.1	53.4
		S/T	0.9	0.93	0.99	0.99	0.62	0.84	0.95	0.99	0.4	0.57	0.74	0.92	/	0.39	0.52	0.67
		kW	3.32	3.35	3.39	3.39	3.39	3.42	3.46	3.49	3.51	3.54	3.57	3.6	/	4.3	4.34	4.37
	105	TC	36.3	36.8	37.6	38.0	37.6	38.0	38.4	38.8	40.1	40.6	40.9	41.2	/	47.9	48.1	48.4
		S/T	0.9	0.93	0.99	0.99	0.62	0.85	0.95	0.99	0.4	0.57	0.74	0.92	/	0.39	0.53	0.68
		kW	4.05	4.09	4.14	4.14	4.14	4.18	4.22	4.26	4.28	4.32	4.35	4.38	/	5.23	5.26	5.3
	115	TC	34.1	34.5	35.3	35.7	35.3	35.7	36.1	36.4	38.0	38.1	38.3	38.2	/	41.1	41.2	41.3
		S/T	0.9	0.93	0.99	0.99	0.62	0.86	0.95	0.99	0.4	0.59	0.78	0.99	/	0.4	0.57	0.74
		kW	4.5	4.54	4.6	4.6	4.6	4.64	4.69	4.74	4.82	4.81	4.83	4.78	/	4.96	4.98	5.0
	125	TC	26.3	26.5	27.1	27.4	27.1	27.4	27.7	28.0	29.4	29.4	29.5	29.5	/	31.3	31.4	31.4
		S/T	0.91	0.95	0.99	0.99	0.65	0.92	0.95	0.99	0.4	0.65	0.9	0.98	/	0.4	0.64	0.87
		kW	3.5	3.53	3.58	3.58	3.58	3.61	3.65	3.68	3.76	3.76	3.76	3.77	/	3.79	3.79	3.79

Table 6

TC: refer to total capacity in kBTU/h S/T: refer to the ratio of sensible heat and total capacity
kW: refer to total input power</

Product Specifications

YDV/XDV60 + JDE48 For Cooling																		
Indoor Airflow - CFM	Outdoor DB - °F	IWB - °F	59				63				67				71			
		IDB - °F	70	75	80	85	70	75	80	85	70	75	80	85	70	75	80	85
1750	15	TC	43.8	44.3	45.3	45.8	45.3	45.8	46.2	46.8	48.4	48.8	49.3	49.6	/	58.3	58.6	59.0
		S/T	0.9	0.9	1.0	1.0	0.6	0.9	1.0	1.0	0.4	0.6	0.8	0.9	/	0.4	0.5	0.7
		kW	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.2	2.3	2.3	2.4	/	2.8	2.8	2.9
	65	TC	42.9	43.4	44.3	44.8	44.3	44.8	45.3	45.8	47.6	47.8	48.2	49.4	/	57.9	58.3	59.1
		S/T	0.9	0.9	1.0	1.0	0.6	0.9	1.0	1.0	0.4	0.6	0.8	0.9	/	0.4	0.5	0.7
		kW	2.8	2.8	2.9	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	2.8	/	3.5	3.5	3.3
	75	TC	43.5	44.0	44.9	45.4	44.9	45.4	45.9	46.4	47.9	48.2	48.8	49.2	/	58.1	58.5	58.8
		S/T	0.9	0.9	1.0	1.0	0.6	0.9	1.0	1.0	0.4	0.6	0.8	0.9	/	0.4	0.5	0.7
		kW	2.7	2.8	2.8	2.8	2.8	2.8	2.9	2.9	3.0	3.0	2.9	3.0	/	3.5	3.5	3.5
	85	TC	42.6	43.1	44.1	44.5	44.1	44.5	45.0	45.5	47.2	47.6	47.9	48.2	/	56.7	57.0	57.4
		S/T	0.9	0.9	1.0	1.0	0.6	0.9	1.0	1.0	0.4	0.6	0.8	1.0	/	0.4	0.5	0.7
		kW	3.1	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.3	/	4.0	4.0	4.0
	95	TC	41.8	42.3	43.2	43.7	43.2	43.7	44.2	44.6	46.3	46.6	47.0	47.4	/	55.2	55.6	56.0
		S/T	0.9	0.9	1.0	1.0	0.6	0.9	1.0	1.0	0.4	0.6	0.8	1.0	/	0.4	0.6	0.7
		kW	3.6	3.7	3.7	3.7	3.7	3.7	3.8	3.8	3.8	3.9	3.9	3.9	/	4.7	4.7	4.8
	105	TC	37.9	38.4	39.3	39.6	39.3	39.6	40.0	40.5	42.1	42.4	42.6	42.9	/	49.7	49.7	49.9
		S/T	0.9	0.9	1.0	1.0	0.6	0.9	1.0	1.0	0.4	0.6	0.8	1.0	/	0.4	0.6	0.7
		kW	4.4	4.4	4.5	4.5	4.5	4.5	4.6	4.6	4.7	4.7	4.7	4.8	/	5.4	5.4	5.4
	115	TC	34.1	34.5	35.3	35.7	35.3	35.7	36.1	36.4	38.0	38.2	38.4	38.6	/	42.0	38.9	39.1
		S/T	0.9	0.9	1.0	1.0	0.7	0.9	1.0	1.0	0.4	0.6	0.8	1.0	/	0.4	0.6	0.8
		kW	4.6	4.6	4.7	4.7	4.7	4.7	4.8	4.8	5.0	5.0	4.9	4.9	/	3.9	3.9	3.9
	125	TC	26.3	26.5	27.1	27.5	27.1	27.5	27.7	28.0	29.4	29.5	29.5	29.6	/	31.4	31.4	31.4
		S/T	0.9	1.0	1.0	1.0	0.7	1.0	1.0	1.0	0.4	0.7	1.0	1.0	/	0.4	0.7	1.0
		kW	3.6	3.7	3.7	3.7	3.7	3.7	3.8	3.8	3.9	3.9	3.9	3.9	/	3.9	3.9	3.9
1850	15	TC	45.2	45.8	46.7	47.3	46.7	47.3	47.7	48.3	50.1	50.5	50.8	51.3	/	60.3	60.7	61.1
		S/T	0.92	0.96	1.0	1.0	0.65	0.89	0.96	1.0	0.4	0.59	0.79	0.99	/	0.39	0.54	0.71
		kW	2.75	2.79	2.82	2.82	2.82	2.85	2.87	2.9	2.91	2.95	2.97	3.0	/	3.44	3.47	3.5
	65	TC	45.2	45.8	46.7	47.3	46.7	47.3	47.7	48.3	50.1	50.5	50.8	51.3	/	60.3	60.7	61.1
		S/T	0.92	0.96	1.0	1.0	0.65	0.89	0.96	1.0	0.4	0.59	0.79	0.99	/	0.39	0.54	0.71
		kW	2.75	2.79	2.82	2.82	2.82	2.85	2.87	2.9	2.91	2.95	2.97	3.0	/	3.44	3.47	3.5
	75	TC	45.25	45.85	46.76	47.37	46.76	47.37	47.87	48.28	50.1	50.5	50.9	51.31	/	60.2	60.6	60.9
		S/T	0.93	0.97	0.99	1.0	0.65	0.9	0.96	1.0	0.4	0.6	0.79	0.99	/	0.39	0.56	0.71
		kW	2.91	2.94	2.97	2.97	2.97	3.0	3.03	3.07	3.08	3.11	3.13	3.16	/	3.67	3.7	3.73
	85	TC	44.54	44.95	45.96	46.46	45.96	46.46	46.97	47.47	49.19	49.59	50.0	50.3	/	58.78	59.09	59.39
		S/T	0.93	0.97	1.0	1.0	0.65	0.9	0.96	1.0	0.4	0.6	0.8	1.0	/	0.39	0.56	0.72
		kW	3.26	3.3	3.34	3.34	3.34	3.37	3.4	3.44	3.45	3.47	3.5	3.54	/	4.19	4.22	4.25
	95	TC	43.43	43.94	44.95	45.45	44.95	45.45	45.96	46.36	48.18	48.48	48.88	49.29	/	57.27	57.47	57.87
		S/T	0.92	0.97	1.0	1.0	0.65	0.91	0.96	1.0	0.4	0.6	0.81	1.0	/	0.39	0.57	0.73
		kW	3.83	3.87	3.91	3.91	3.91	3.95	3.99	4.04	4.06	4.09	4.12	4.15	/	4.92	4.96	4.99
	105	TC	39.2	39.6	40.5	41.0	40.5	41.0	41.3	41.8	43.4	43.7	44.0	44.3	/	50.2	50.5	50.3
		S/T	0.93	0.97	1.0	1.0	0.66	0.92	0.96	1.0	0.4	0.61	0.82	1.0	/	0.4	0.58	0.75
		kW	4.62	4.67	4.72	4.72	4.72	4.77	4.82	4.87	4.89	4.92	4.96	5.01	/	5.51	5.51	5.54
	115	TC	34.9	35.2	36.0	36.4	36.0	36.4	36.8	37.3	38.8	39.0	39.2	39.4	/	39.6	39.8	39.9
		S/T	0.92	0.97	1.0	1.0	0.66	0.93	0.96	1.0	0.4	0.64	0.87	1.0	/	0.4	0.62	0.83
		kW	4.65	4.71	4.76	4.76	4.76	4.8	4.86	4.91	5.0	5.01	5.01	5.01	/	5.05	5.05	5.06
	125	TC	26.4	26.6	27.2	27.5	27.2	27.5	27.8	28.1	29.5	29.6	29.6	29.7	/	31.5	31.5	31.6
		S/T	0.93	0.98	0.99	1.0	0.71	1.0	0.96	1.0	0.4	0.71	1.0	1.0	/	0.41	0.7	0.99
		kW	3.68	3.73	3.77	3.77	3.77	3.8	3.85	3.89	3.96	3.96	3.96	3.96	/	3.99	3.99	3.99

Table 7

TC: refer to total capacity in kBTU/h S/T: refer to the ratio of sensible heat and total capacity
kW: refer to total input power

YDV/XDV60 + JDE60 For Cooling																		
Indoor Airflow - CFM	Outdoor DB - °F	IWB - °F	59				63				67				71			
		IDB - °F	70	75	80	85	70	75	80	85	70	75	80	85	70	75	80	85
1200	15	TC	37.3	37.8	38.6	39.0	38.6	39.0	39.4	39.9	41.3	41.6	42.0	42.4	/	49.5	49.9	50.8
		S/T	0.7	0.7	0.8	1.0	0.6	0.8	0.8	0.9	0.4	0.6	0.7	0.9	/	0.4	0.5	0.6
		kW	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	/	2.4	2.4	2.2
	65	TC	37.4	37.8	38.7	39.1	38.7	39.1	39.5	39.9	41.4	41.7	42.1	42.5	/	49.6	50.0	50.9
		S/T	0.8	0.9	0.9	1.0	0.6	0.8	0.9	1.0	0.4	0.6	0.7	0.9	/	0.4	0.5	0.6
		kW	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	/	2.8	2.9	2.6
	75	TC	37.2	37.6	38.5	38.9	38.5	38.9	39.3	39.7	41.1	41.4	41.8	42.2	/	49.9	50.3	50.8
		S/T	0.8	0.9	0.9	1.0	0.6	0.8	0.9	1.0	0.4	0.6	0.7	0.9	/	0.4	0.5	0.6
		kW	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	/	2.7	2.7	2.7
	85	TC	36.8	37.2	38.1	38.5	38.1	38.5	38.9	39.3	40.7	41.1	41.4	41.8	/	49.1	49.5	49.9
		S/T	0.8	0.9	0.9	1.0	0.6	0.8	0.9	1.0	0.4	0.6	0.7	0.9	/	0.4	0.5	0.7
		kW	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.5	/	3.1	3.1	3.1
	95	TC	36.5	36.8	37.7	38.1	37.7	38.1	38.6	39.0	40.3	40.7	41.0	41.4	/	48.4	48.7	49.1
		S/T	0.8	0.9	0.9	1.0	0.6	0.8	0.9	1.0	0.4	0.6	0.7	0.9	/	0.4	0.5	0.7
		kW	2.8	2.9	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.1	/	3.7	3.7	3.7
	105	TC	33.5	33.9	34.7	34.9	34.7	34.9	35.3	35.7	37.0	37.3	37.6	37.9	/	44.3	44.6	44.8
		S/T	0.8	0.9	0.9	1.0	0.6	0.8	0.9	1.0	0.4	0.6	0.7	0.9	/	0.4	0.5	0.7
		kW	3.5	3.5	3.6	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.8	/	4.5	4.5	4.6
	115	TC	33.0	33.4	34.2	34.6	34.2	34.6	34.8	35.2	36.4	36.7	37.1	37.4	/	40.4	40.6	40.9
		S/T	0.8	0.9	0.9	1.0	0.6	0.8	1.0	1.0	0.4	0.6	0.7	0.9	/	0.4	0.5	0.7
		kW	4.1	4.2	4.2	4.2	4.2	4.3	4.3	4.4	4.4	4.4	4.5	4.5	/	4.5	4.6	4.6
	125	TC	25.9	26.1	26.8	27.1	26.8	27.1	27.4	27.7	29.1	29.2	29.2	29.3	/	31.0	31.0	31.1
		S/T	0.8	0.9	1.0	1.0	0.6	0.8	1.0	1.0	0.4	0.6	0.8	1.0	/	0.4	0.6	0.8
		kW	3.3	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.5	3.5	3.5	3.5	/	3.5	3.5	3.5
1350	15	TC	39.7	40.2	41.1	41.5	41.1	41.5	41.9	42.4	43.8	44.2	44.6	45.0	/	53.4	53.9	54.3
		S/T	0.7	0.8	0.9	1.0	0.6	0.8	0.8	0.9	0.4	0.6	0.7	0.9	/	0.4	0.5	0.7
		kW	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	/	2.4	2.5	2.5
	65	TC	39.9	40.4	41.3	41.7	41.3	41.7	42.2	42.7	44.0	44.4	44.8	45.2	/	53.6	54.1	54.5
		S/T	0.8	0.9	1.0	1.0	0.6	0.8	0.9	1.0	0.4	0.6	0.7	0.9	/	0.4	0.5	0.7
		kW	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.5	/	2.9	2.9	2.9
	75	TC	40.0	40.5	41.4	41.8	41.4	41.8	42.3	42.8	44.1	44.5	44.9	45.3	/	53.2	53.7	54.1
		S/T	0.8	0.9	1.0	1.0	0.6	0.8	0.9	1.0	0.4	0.6	0.7	0.9	/	0.4	0.5	0.7
		kW	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.6	/	3.1	3.1	3.1
	85	TC	39.5	40.0	40.9	41.4	40.9	41.4	41.8	42.2	43.7	44.0	44.4	44.7	/	52.5	52.9	53.2
		S/T	0.8	0.9	1.0	1.0	0.6	0.8	0.9	1.0	0.4	0.6	0.7	0.9	/	0.4	0.5	0.7
		kW	2.7	2.7	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.9	2.9	/	3.4	3.5	3.5
	95	TC	39.0	39.5	40.4	40.8	40.4	40.8	41.3	41.7	43.2	43.4	43.8	44.1	/	51.4	51.8	52.2
		S/T	0.8	0.9	1.0	1.0	0.6	0.8	0.9	1.0	0.4	0.6	0.7	0.9	/	0.4	0.5	0.7
		kW	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.5	/	4.1	4.1	4.2
	105	TC	35.7	36.2	36.9	37.3	36.9	37.3	37.8	38.1	39.6	39.9	40.1	40.4	/	46.9	47.1	47.4
		S/T	0.8	0.9	1.0	1.0	0.6	0.8	0.9	1.0	0.4	0.6	0.7	0.9	/	0.4	0.5	0.7
		kW	3.8	3.8	3.9	3.9	3.9	3.9	4.0	4.0	4.0	4.1	4.1	4.1	/	4.9	4.9	5.0
	115	TC	34.1	34.5	35.1	35.5	35.1	35.5	36.0	36.3	37.9	38.1	38.2	38.0	/	40.7	40.9	41.1
		S/T	0.8	0.9	1.0	1.0	0.6	0.8	0.9	1.0	0.4	0.6	0.8	0.9	/	0.4	0.6	0.7
		kW	4.2	4.3	4.3	4.3	4.3	4.4	4.4	4.5	4.6	4.6	4.6	4.6	/	4.6	4.6	4.6
	125	TC	26.1	26.5	27.1	27.5	27.1	27.5	27.7	27.9	29.4	29.4	29.5	29.5	/	31.2	31.3	31.3
		S/T	0.9	0.9	1.0	1.0	0.6	0.9	0.9	1.0	0.4	0.6	0.9	1.0	/	0.4	0.6	0.8
		kW	3.3	3.4	3.4	3.4	3.4	3.4	3.5	3.5	3.6	3.6	3.6	3.6	/	3.6	3.6	3.6
1550	15	TC	43.7	44.2	45.2	45.7	45.2	45.7	46.2	46.7	48.4	48.8	49.2	49.6	/	57.9	58.3	58.7
		S/T	0.74	0.8	0.89	0.99	0.62	0.84	0.9	0.94	0.41	0.57	0.74	0.91	/	0.4	0.53	0.68
		kW	1.97	1.99	2.01	2.01	2.01	2.04	2.06	2.08	2.05	2.09	2.13	2.17	/	2.57	2.61	2.63
	65	TC	45.8	46.2	47.3	47.8	47.3	47.8	48.4	48.8	50.7	51.0	51.4	51.8	/	60.1	60.5	60.8
		S/T	0.89	0.94	0.99	0.99	0.62	0.83	0.96	0.99	0.41	0.57	0.73	0.89	/	0.4	0.52	0.66
		kW	2.69	2.71	2.74	2.74	2.74	2.77	2.81	2.83	2.83	2.86	2.89	2.92	/	3.3	3.34	3.38
	75	TC	45.4	46.0	46.9	47.5	46.9	47.5	48.0	48.4	50.3	50.8	51.0	51.4	/	59.5	59.9	60.3
		S/T	0.89	0.94	0.99	0.99	0.62	0.83	0.96	0.99	0.41	0.57	0.73	0.9	/	0.4	0.53	0.68
		kW	2.82	2.85	2.88	2.88	2.88	2.91	2.94	2.97	2.98	3.0	3.03	3.05	/	3.51	3.54	3.58
	85	TC	44.6	45.1	46.1	46.6	46.1	46.6	47.1	47.6	49.4	49.8	50.2	50.6	/	58.0	58.5	58.9
		S/T	0.89	0.94	0.99	0.99	0.62	0.83	0.96	0.99	0.41	0.57	0.73	0.91	/	0.4	0.53	0.68
		kW	3.16	3.2	3.23	3.23	3.23	3.27	3.3	3.33	3.35	3.38	3.4	3.43	/	4.03	4.08	4.11
	95	TC	43.7	44.2	45.2	45.8	45.2	45.8	46.2	46.7	48.4	48.8	49.2	49.5	/	56.6	57.0	57.4
		S/T	0.89	0.94	0.99	0.99	0.62	0.84	0.96	0.99	0.41	0.57	0.74	0.91	/	0.4	0.53	0.69
		kW	3.75	3.79	3.83	3.83	3.83	3.87	3.91	3.95	3.96	3.99	4.02	4.06	/	4.77	4.8	4.83
	105	TC	40.2	40.6	41.6	42.0	41.6	42.0	42.5	43.0	44.6	44.9	45.2	45.5	/	51.8	52.0	52.0
		S/T	0.89	0.94	0.99	0.99	0.62	0.84	0.96	0.99	0.41	0.58	0.74	0.93	/	0.4	0.54	0.7
		kW	4.5	4.55	4.6	4.6	4.6	4.65	4.7	4.74	4.76	4.81	4.85	4.88	/	5.7	5.72	5.72
	115	TC	34.5	34.9	35.6	36.1	35.6	36.1	36.5	36.8	38.4	38.6	38.7	38.8	/	40.1	40.2	40.4
		S/T	0.89	0.94	0.99	0.99	0.63	0.85	0.96	0.99	0.41	0.61	0.81	0.99	/	0.41	0.6	0.79
		kW	4.44	4.49	4.53	4.53	4.53	4.59	4.63	4.68	4.73	4.75	4.77	4.66	/	4.81	4.83	4.84
	125	TC	26.7	27.0	27.7	27.9	27.7	27.9	28.2	28.5	29.9	29.9	30.0	30.0	/	31.8	31.9	32.0
		S/T	0.9	0.94	0.99	0.99	0.68	0.95	0.96	0.99	0.42	0.68	0.94	0.99	/	0.42	0.66	0.91
		kW	3.41	3.45	3.49	3.49	3.49	3.52	3.56	3.59	3.67	3.67	3.67	3.67	/	3.69	3.69	3.69

Product Specifications

YDV/XDV60 + JDE60 For Cooling																		
Indoor Airflow - CFM	Outdoor DB - °F	IWB - °F	59				63				67				71			
		IDB - °F	70	75	80	85	70	75	80	85	70	75	80	85	70	75	80	85
1750	15	TC	46.4	47.0	48.1	48.5	48.1	48.5	49.1	49.6	51.4	51.8	52.3	52.7	/	61.2	61.6	62.0
		S/T	0.8	0.8	1.0	1.0	0.6	0.9	0.9	1.0	0.4	0.6	0.8	1.0	/	0.4	0.6	0.7
		kW	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.5	2.6	2.6	2.7	/	3.2	3.2	3.2
	65	TC	48.6	49.2	50.3	50.8	50.3	50.8	51.4	51.9	53.9	54.3	54.7	55.1	/	63.4	63.8	64.2
		S/T	0.9	1.0	1.0	1.0	0.6	0.9	1.0	1.0	0.4	0.6	0.8	0.9	/	0.4	0.5	0.7
		kW	3.1	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.3	3.3	3.3	/	3.7	3.8	3.8
	75	TC	48.5	48.9	50.1	50.7	50.1	50.7	51.2	51.8	53.7	54.1	54.5	54.9	/	62.9	63.3	64.1
		S/T	0.9	1.0	1.0	1.0	0.6	0.9	1.0	1.0	0.4	0.6	0.8	0.9	/	0.4	0.5	0.7
		kW	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.4	3.4	3.4	/	3.9	4.0	3.9
	85	TC	47.5	48.1	49.1	49.6	49.1	49.6	50.3	50.9	52.7	53.1	53.5	53.8	/	61.4	61.8	62.1
		S/T	0.9	1.0	1.0	1.0	0.6	0.9	1.0	1.0	0.4	0.6	0.8	1.0	/	0.4	0.6	0.7
		kW	3.5	3.6	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.8	3.8	/	4.5	4.5	4.5
	95	TC	46.4	46.9	48.0	48.6	48.0	48.6	49.0	49.5	51.5	51.8	52.3	52.5	/	59.7	60.1	60.4
		S/T	0.9	1.0	1.0	1.0	0.6	0.9	1.0	1.0	0.4	0.6	0.8	1.0	/	0.4	0.6	0.7
		kW	4.1	4.2	4.2	4.2	4.2	4.3	4.3	4.4	4.4	4.4	4.4	4.5	/	5.2	5.3	5.3
	105	TC	42.3	42.8	43.8	44.2	43.8	44.2	44.7	45.2	46.9	47.3	47.6	47.8	/	52.5	52.8	52.7
		S/T	0.9	1.0	1.0	1.0	0.6	0.9	1.0	1.0	0.4	0.6	0.8	1.0	/	0.4	0.6	0.7
		kW	4.9	5.0	5.0	5.0	5.0	5.1	5.2	5.2	5.2	5.3	5.3	5.3	/	5.9	5.9	5.9
	115	TC	35.5	35.9	36.7	37.0	36.7	37.0	37.5	37.9	39.6	39.8	40.0	40.0	/	41.0	41.1	41.3
		S/T	0.9	1.0	1.0	1.0	0.7	0.9	1.0	1.0	0.4	0.6	0.9	1.0	/	0.4	0.6	0.8
		kW	4.6	4.6	4.7	4.7	4.7	4.7	4.8	4.8	4.9	4.9	4.9	4.9	/	5.1	5.1	5.1
	125	TC	26.8	27.1	27.8	28.0	27.8	28.0	28.3	28.6	30.0	30.0	30.1	30.2	/	32.0	32.1	32.1
		S/T	0.9	1.0	1.0	1.0	0.7	1.0	1.0	1.0	0.4	0.7	1.0	1.0	/	0.4	0.7	1.0
		kW	3.5	3.6	3.6	3.6	3.6	3.6	3.7	3.7	3.8	3.8	3.8	3.8	/	3.8	3.8	3.8
1850	15	TC	48.6	49.2	50.4	50.8	50.4	50.8	51.4	52.0	54.0	54.4	54.8	55.3	/	63.5	63.9	64.3
		S/T	0.79	0.84	1.0	1.0	0.64	0.89	0.95	1.0	0.41	0.6	0.79	0.96	/	0.4	0.55	0.73
		kW	2.81	2.84	2.87	2.87	2.87	2.9	2.94	2.97	2.91	2.98	3.03	3.08	/	3.67	3.7	3.73
	65	TC	50.8	51.3	52.5	53.0	52.5	53.0	53.5	54.1	56.3	56.6	57.0	57.4	/	65.9	66.3	66.7
		S/T	0.92	0.96	1.0	1.0	0.64	0.87	1.0	1.0	0.41	0.59	0.76	0.95	/	0.4	0.55	0.72
		kW	3.32	3.35	3.38	3.38	3.38	3.43	3.46	3.5	3.5	3.53	3.56	3.6	/	4.03	4.06	4.09
	75	TC	51.11	51.51	52.72	53.33	52.72	53.33	53.83	54.44	56.56	56.96	57.37	57.77	/	66.05	66.46	66.86
		S/T	0.92	0.96	1.0	1.0	0.64	0.87	1.0	1.0	0.41	0.59	0.76	0.95	/	0.4	0.55	0.72
		kW	3.3	3.34	3.37	3.37	3.37	3.41	3.44	3.48	3.5	3.52	3.55	3.58	/	4.1	4.13	4.16
	85	TC	49.69	50.3	51.41	52.02	51.41	52.02	52.52	53.13	55.25	55.55	55.95	56.26	/	63.93	64.34	64.64
		S/T	0.92	0.96	1.0	1.0	0.64	0.89	1.0	1.0	0.41	0.6	0.77	0.96	/	0.4	0.56	0.73
		kW	3.77	3.81	3.85	3.85	3.85	3.89	3.93	3.97	3.99	4.02	4.06	4.09	/	4.76	4.79	4.82
	95	TC	48.48	48.88	50.1	50.6	50.1	50.6	51.21	51.71	53.73	54.14	54.44	54.74	/	61.81	62.22	62.52
		S/T	0.92	0.96	1.0	1.0	0.65	0.89	1.0	1.0	0.41	0.6	0.79	0.97	/	0.4	0.56	0.74
		kW	4.41	4.46	4.51	4.51	4.51	4.56	4.61	4.65	4.68	4.71	4.75	4.78	/	5.53	5.56	5.6
	105	TC	43.8	44.3	45.3	45.8	45.3	45.8	46.3	46.8	48.6	48.9	49.2	49.5	/	53.5	52.6	52.9
		S/T	0.92	0.96	1.0	1.0	0.65	0.9	1.0	1.0	0.41	0.61	0.8	1.0	/	0.4	0.59	0.76
		kW	5.24	5.3	5.36	5.36	5.36	5.41	5.47	5.53	5.57	5.6	5.64	5.67	/	6.04	5.94	5.98
	115	TC	36.4	36.7	37.5	38.0	37.5	38.0	38.3	38.7	40.4	40.6	40.8	41.0	/	41.7	41.8	41.9
		S/T	0.92	0.96	1.0	1.0	0.66	0.93	1.0	1.0	0.41	0.65	0.89	1.0	/	0.41	0.64	0.89
		kW	4.74	4.79	4.85	4.85	4.85	4.9	4.95	5.0	5.08	5.09	5.11	5.12	/	5.22	4.91	4.92
	125	TC	26.9	27.2	27.9	28.1	27.9	28.1	28.4	28.7	30.1	30.1	30.2	30.2	/	32.1	32.2	32.3
		S/T	0.93	0.97	1.0	1.0	0.74	1.0	1.0	1.0	0.42	0.74	1.0	1.0	/	0.43	0.74	1.0
		kW	3.6	3.65	3.68	3.68	3.68	3.72	3.76	3.8	3.88	3.88	3.88	3.88	/	3.9	3.9	3.9

Table 9

TC: refer to total capacity in kBTU/h S/T: refer to the ratio of sensible heat and total capacity
kW: refer to total input power

4.2 Outdoor Unit (YDV/XDV) + Indoor Unit (JDE) - Heating Mode

YDV/XDV36 + JDE24 For Heating																			
Indoor Airflow CFM	ID - °F	OD - °F	86	72	67	62	57	52	47	42	37	32	27	22	17	12	7	2	-4
500	60	TC	25.7	25.7	25.7	25.7	25.7	25.6	27.0	26.8	26.8	26.1	24.5	23.6	23.5	20.1	19.2	18.3	16.7
		KW	1.0	1.3	1.4	1.6	1.7	1.9	1.9	2.1	2.3	2.3	2.6	2.5	2.5	2.4	2.3	2.3	2.2
	70	TC	19.1	19.1	19.1	19.1	19.0	19.0	20.0	20.0	19.9	19.9	19.1	19.1	18.2	15.9	15.2	14.9	14.2
		KW	0.9	1.2	1.3	1.4	1.5	1.6	1.6	1.8	1.9	2.0	1.9	2.1	2.2	2.4	2.5	2.4	2.4
	75	TC	15.8	15.8	15.7	15.7	15.6	15.6	16.4	16.4	16.4	16.4	15.7	15.7	15.7	14.4	14.4	14.4	14.1
		KW	0.8	0.9	1.0	1.1	1.2	1.3	1.3	1.4	1.4	1.5	1.6	1.7	1.8	2.0	2.2	2.3	2.5
	80	TC	12.4	12.4	12.4	12.4	12.4	12.4	13.0	12.9	12.9	12.9	12.4	12.4	12.4	11.5	11.5	11.4	11.4
		KW	0.7	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.3	1.2	1.3	1.4	1.5	1.6	1.8	1.9	2.0
600	60	TC	26.5	26.5	26.4	26.4	26.4	26.4	27.5	27.3	27.3	26.3	25.4	23.8	23.7	20.7	19.7	18.8	17.4
		KW	1.0	1.3	1.5	1.6	1.8	1.9	1.9	2.1	2.3	2.3	2.6	2.5	2.4	2.4	2.3	2.2	2.2
	70	TC	19.6	19.6	19.6	19.6	19.6	19.5	20.3	20.3	20.2	20.2	19.5	19.4	18.5	16.1	15.3	15.0	14.3
		KW	1.0	1.3	1.3	1.4	1.6	1.7	1.7	1.9	1.7	1.8	1.9	2.1	2.2	2.5	2.5	2.4	2.3
	75	TC	16.0	16.0	16.0	16.0	16.0	16.0	16.7	16.7	16.6	16.6	15.9	15.9	16.0	14.5	14.5	14.5	13.9
		KW	0.9	0.9	1.0	1.1	1.1	1.2	1.2	1.3	1.4	1.5	1.6	1.7	1.8	2.0	2.2	2.4	2.4
	80	TC	12.7	12.7	12.7	12.7	12.7	12.7	13.2	13.1	13.1	13.1	12.6	12.6	12.6	11.6	11.6	11.5	11.5
		KW	0.8	0.8	0.9	1.0	1.0	1.0	1.0	1.1	1.2	1.2	1.3	1.4	1.5	1.6	1.8	1.9	2.0
700	60	TC	29.3	29.3	29.3	29.3	29.3	29.2	29.1	29.1	27.2	26.0	25.8	24.1	22.6	20.8	19.9	19.0	17.6
		KW	1.2	1.5	1.7	1.8	2.0	2.1	2.2	2.4	2.4	2.3	2.5	2.5	2.4	2.3	2.3	2.2	2.2
	70	TC	21.8	21.8	21.8	21.8	21.8	21.7	21.7	21.7	21.6	21.6	21.3	21.3	20.4	19.2	18.3	17.5	16.9
		KW	1.0	1.1	1.2	1.3	1.4	1.6	1.6	1.8	1.9	2.0	2.2	2.3	2.5	2.5	2.4	2.3	2.3
	75	TC	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.7	17.7	17.7	17.6	17.6	17.5	17.5	16.7	16.1	15.3
		KW	0.8	1.1	1.2	1.3	1.4	1.5	1.5	1.6	1.6	1.7	1.8	1.9	2.0	2.2	2.4	2.4	2.4
	80	TC	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.0	14.0	14.0	14.0	13.9	13.8	13.8
		KW	0.9	1.0	1.1	1.2	1.2	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.7	1.8	1.9	2.1	2.2
800	60	TC	32.0	32.0	32.0	32.0	32.0	31.7	32.1	30.1	27.9	25.8	26.4	24.5	23.5	21.0	20.1	19.1	17.7
		KW	1.3	1.7	1.8	2.0	2.2	2.3	2.4	2.4	2.3	2.3	2.6	2.5	2.4	2.4	2.3	2.2	2.2
	70	TC	23.8	23.8	23.8	23.8	23.8	23.7	24.0	23.9	23.9	23.8	23.5	23.5	22.8	19.6	18.4	17.6	16.9
		KW	0.9	1.3	1.4	1.5	1.6	1.8	1.8	1.9	2.1	2.2	2.4	2.6	2.6	2.5	2.5	2.4	2.4
	75	TC	19.5	19.5	19.5	19.5	19.5	19.5	19.7	19.6	19.6	19.6	19.4	19.3	19.3	17.6	16.9	16.1	15.4
		KW	1.0	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.8	1.9	2.0	2.1	2.3	2.5	2.6	2.5	2.4
	80	TC	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.4	15.4	15.4	14.0	13.9	13.9	13.9
		KW	0.9	1.0	1.1	1.0	1.1	1.2	1.2	1.3	1.4	1.5	1.6	1.7	1.9	2.0	2.1	2.3	2.5
900	60	TC	34.7	34.7	34.3	34.5	32.9	32.1	32.3	30.7	28.1	26.4	25.9	24.5	23.2	22.5	21.5	20.5	19.0
		KW	1.8	2.2	2.3	2.6	2.7	2.6	2.5	2.4	2.4	2.3	2.6	2.6	2.5	2.4	2.4	2.3	2.3
	70	TC	27.3	27.3	27.3	27.3	27.3	27.2	27.6	27.3	26.8	26.0	25.6	23.9	23.8	23.5	22.4	21.4	19.7
		KW	1.5	1.6	1.8	1.9	2.1	2.2	2.2	2.4	2.6	2.5	2.8	2.8	2.7	2.6	2.6	2.5	2.4
	75	TC	22.5	22.5	22.5	22.5	22.4	22.4	22.7	22.6	22.6	22.5	22.5	22.5	21.9	20.3	18.6	17.0	15.8
		KW	1.1	1.3	1.4	1.6	1.7	1.9	1.9	2.0	2.2	2.3	2.5	2.7	2.8	2.7	2.7	2.6	2.5
	80	TC	17.9	17.9	17.9	17.9	17.9	17.9	18.1	18.1	18.1	18.1	18.0	18.0	17.8	17.8	17.8	16.8	15.6
		KW	1.1	1.3	1.4	1.5	1.6	1.7	1.7	1.8	1.8	1.9	2.0	2.2	2.3	2.5	2.7	2.7	2.6

Table 10

TC: refer to total capacity in kBtu/h kW: refer to total input power

Product Specifications

YDV/XDV36 + JDE36 For Heating																			
Indoor Airflow CFM	ID - °F	OD - °F	86	72	67	62	57	52	47	42	37	32	27	22	17	12	7	2	-4
750	60	TC	26.7	26.7	26.7	26.7	26.7	26.4	27.5	27.4	27.4	27.4	29.2	27.6	25.6	23.6	21.7	20.0	18.4
		kW	1.1	1.5	1.6	1.8	1.9	2.1	2.2	2.5	2.7	2.9	3.2	3.4	3.6	3.9	4.1	4.3	4.5
	70	TC	20.6	20.6	20.4	20.4	20.4	20.4	21.3	21.1	21.0	20.9	22.3	22.3	22.2	22.1	21.2	19.4	17.8
		kW	0.9	1.1	1.2	1.3	1.5	1.6	1.7	1.9	2.0	2.1	2.4	2.6	3.0	3.3	3.4	3.3	3.2
	75	TC	17.2	17.2	17.1	17.1	17.1	17.1	17.9	17.7	17.7	17.7	18.9	18.7	18.6	18.5	18.5	18.5	17.7
		kW	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.7	1.8	2.0	2.1	2.4	2.7	3.0	3.3	3.3
	80	TC	14.0	14.0	14.0	14.0	14.0	14.0	14.6	14.6	14.5	14.5	15.5	15.5	15.4	15.1	15.1	15.1	14.1
		kW	0.7	0.8	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	2.0	2.2	2.4	2.6	2.6
900	60	TC	32.0	32.0	32.0	31.7	31.7	31.6	31.2	31.5	30.6	28.8	29.6	27.7	25.4	24.1	22.3	20.5	19.0
		kW	1.5	1.8	1.9	2.1	2.3	2.5	2.6	2.9	2.9	2.8	3.2	3.0	3.1	3.6	3.5	3.4	3.3
	70	TC	24.5	24.5	24.5	24.5	24.5	24.5	24.9	24.7	24.7	24.7	24.8	23.9	23.6	23.0	21.1	20.0	18.5
		kW	1.1	1.3	1.5	1.6	1.7	1.9	2.0	2.1	2.4	2.5	2.8	3.0	3.4	3.4	3.3	3.2	3.1
	75	TC	20.6	20.6	20.6	20.6	20.6	20.5	20.9	20.6	20.7	20.6	21.2	21.2	21.2	21.6	21.5	19.6	18.1
		kW	1.0	1.1	1.2	1.3	1.4	1.5	1.7	1.8	2.0	2.1	2.3	2.5	2.8	3.2	3.5	3.4	3.3
	80	TC	16.9	16.9	16.9	16.9	16.9	16.8	17.2	17.1	17.0	17.0	17.5	17.5	17.3	17.7	17.7	17.8	17.8
		kW	0.9	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.9	2.0	2.3	2.6	2.8	3.1	3.4
1050	60	TC	37.7	37.7	37.0	34.7	32.9	32.2	33.0	33.1	31.9	30.8	29.2	28.3	26.0	24.4	23.7	22.7	22.7
		kW	1.6	2.2	2.3	2.2	2.2	2.1	2.1	2.2	2.1	2.1	2.4	2.4	2.7	2.7	2.6	2.6	2.5
	70	TC	27.8	27.8	27.7	27.7	27.7	27.6	30.2	29.8	27.1	25.8	25.2	24.3	23.8	23.0	21.0	19.6	19.0
		kW	1.1	1.5	1.6	1.8	1.9	2.1	2.3	2.5	2.4	2.3	2.6	2.6	2.8	3.0	2.9	2.7	2.6
	75	TC	22.9	22.9	22.8	22.8	22.5	22.5	24.5	26.5	26.4	24.7	24.1	22.2	22.3	20.4	19.7	19.2	18.4
		kW	0.9	1.2	1.3	1.4	1.5	1.7	1.8	2.2	2.5	2.4	2.8	2.7	2.9	3.1	3.0	2.8	2.7
	80	TC	17.9	17.9	17.9	17.9	17.9	17.9	19.4	20.7	20.7	20.8	20.3	20.3	22.0	20.1	18.4	17.3	16.8
		kW	0.6	0.9	1.0	1.1	1.2	1.3	1.5	1.7	1.9	2.1	2.4	2.6	3.1	3.1	3.1	2.9	2.8
1200	60	TC	40.8	40.7	40.1	37.6	35.9	33.7	33.5	32.9	32.1	30.6	29.4	29.0	28.3	25.1	23.6	22.6	22.1
		kW	1.9	2.4	2.5	2.4	2.4	2.4	2.3	2.4	2.4	2.3	2.6	2.5	2.8	2.9	2.8	2.7	2.6
	70	TC	30.7	30.7	30.7	30.7	30.7	30.6	32.1	31.5	28.9	26.9	27.6	25.6	26.6	24.7	23.3	21.1	19.4
		kW	1.3	1.7	1.8	2.0	2.2	2.3	2.5	2.7	2.6	2.5	2.8	2.7	3.0	3.2	3.1	2.9	2.8
	75	TC	25.8	25.8	25.7	25.7	25.3	25.3	26.5	28.2	28.2	26.5	27.2	25.3	25.1	23.1	21.3	19.2	17.8
		kW	1.1	1.4	1.5	1.6	1.7	1.9	2.1	2.4	2.7	2.6	3.0	2.9	3.2	3.3	3.2	3.1	2.9
	80	TC	20.8	20.8	20.7	20.7	20.7	20.7	21.6	22.6	22.6	22.6	23.3	23.3	24.8	22.8	21.1	18.8	17.3
		kW	0.9	1.1	1.2	1.3	1.4	1.6	1.7	1.9	2.1	2.3	2.5	2.7	3.3	3.4	3.3	3.1	3.1
1300	60	TC	44.8	44.7	44.0	41.6	39.7	37.4	35.9	34.4	31.8	29.8	30.4	28.5	29.0	27.7	26.2	24.2	22.5
		kW	2.1	2.7	2.8	2.7	2.7	2.6	2.5	2.6	2.6	2.5	2.8	2.8	3.1	3.1	3.0	3.0	2.9
	70	TC	34.4	34.4	34.3	34.3	34.3	34.2	34.5	33.6	31.1	29.1	29.7	27.8	28.5	27.3	25.9	23.6	22.0
		kW	1.6	1.9	2.0	2.2	2.4	2.6	2.7	2.9	2.8	2.7	3.1	3.0	3.3	3.4	3.3	3.2	3.1
	75	TC	29.3	29.3	29.2	29.2	28.9	28.9	29.1	30.4	30.3	28.8	29.4	27.4	27.0	25.7	23.9	21.7	20.3
		kW	1.3	1.6	1.7	1.9	2.0	2.1	2.2	2.6	2.9	2.8	3.2	3.1	3.4	3.5	3.4	3.3	3.2
	80	TC	24.1	24.1	24.0	24.0	24.0	24.0	24.1	24.8	24.8	24.9	25.5	25.5	26.7	25.3	23.6	21.3	19.8
		kW	1.1	1.4	1.4	1.6	1.7	1.8	1.9	2.1	2.3	2.5	2.8	3.0	3.6	3.6	3.5	3.4	3.3

Table 11

TC: refer to total capacity in kBTU/h kW: refer to total input power

YDV/XDV60 + JDE48 For Heating																			
Indoor Airflow CFM	ID - °F	OD - °F	86	72	67	62	57	52	47	42	37	32	27	22	17	12	7	2	-4
1200	60	TC	49.1	49.1	49.1	49.0	49.0	48.9	49.2	49.0	45.3	42.5	38.7	37.5	35.8	31.4	29.9	28.5	27.0
		kW	2.1	2.6	2.8	3.1	3.3	3.6	3.7	4.1	3.9	3.8	4.0	4.4	4.4	4.5	4.4	4.3	4.2
	70	TC	37.8	37.8	37.7	37.8	37.7	37.7	38.0	37.9	38.1	37.9	34.9	33.8	32.4	28.4	27.1	25.7	24.4
		kW	1.7	2.0	2.2	2.3	2.6	2.7	2.9	3.1	3.4	3.6	3.8	4.2	4.2	4.2	4.2	4.1	3.9
	75	TC	31.9	31.9	31.8	31.8	31.8	31.8	32.1	32.0	32.2	32.2	31.2	31.0	31.0	28.0	26.7	25.1	23.3
		kW	1.5	1.8	1.9	2.0	2.2	2.3	2.4	2.6	2.8	3.0	3.3	3.5	3.8	4.3	4.6	4.4	4.2
	80	TC	26.3	26.3	26.2	26.2	26.2	26.2	26.4	26.4	26.5	26.5	25.7	25.7	25.7	23.1	23.1	23.1	22.9
		kW	1.3	1.5	1.6	1.7	1.9	2.0	2.0	2.2	2.3	2.5	2.7	2.9	3.1	3.5	3.8	4.1	4.4
1350	60	TC	52.7	52.7	52.6	52.5	52.5	52.3	52.9	49.6	45.8	42.9	39.5	38.3	36.6	33.3	31.8	30.2	28.6
		kW	2.3	2.9	3.1	3.4	3.6	3.9	4.1	4.0	3.9	3.7	3.9	4.3	4.3	4.4	4.3	4.2	4.1
	70	TC	40.6	40.5	40.5	40.5	40.4	40.3	40.7	40.6	40.6	40.6	37.5	36.3	34.7	31.6	30.1	28.6	27.1
		kW	1.8	2.2	2.3	2.5	2.7	2.9	3.1	3.4	3.6	3.9	4.2	4.6	4.6	4.6	4.5	4.4	4.3
	75	TC	34.1	34.1	34.0	34.0	34.0	34.0	34.3	34.2	34.3	34.3	33.2	33.2	33.2	29.8	28.5	26.9	25.3
		kW	1.6	1.9	2.0	2.2	2.3	2.5	2.6	2.8	3.1	3.3	3.6	3.8	4.1	4.4	4.2	4.1	4.0
	80	TC	28.2	28.2	28.1	28.1	28.1	28.4	28.4	28.4	28.3	28.3	27.4	27.4	27.4	25.7	25.8	25.7	24.0
		kW	1.4	1.6	1.7	1.8	2.0	2.1	2.2	2.3	2.5	2.7	2.9	3.1	3.4	3.8	4.1	4.5	4.4
1550	60	TC	58.0	58.0	58.0	57.8	57.7	57.0	54.7	49.9	46.4	43.3	41.2	39.9	38.1	36.6	34.6	33.0	31.8
		kW	2.5	3.3	3.5	3.8	4.1	4.4	4.1	4.0	3.8	3.7	4.0	4.3	4.3	4.4	4.3	4.2	4.1
	70	TC	44.7	44.7	44.6	44.5	44.5	44.4	44.8	44.8	44.8	42.4	40.3	39.1	37.3	36.1	34.3	32.6	31.0
		kW	2.0	2.5	2.7	2.9	3.1	3.3	3.5	3.8	4.1	4.1	4.3	4.7	4.7	4.6	4.5	4.4	4.3
	75	TC	37.6	37.6	37.5	37.5	37.4	37.4	37.9	37.8	37.9	37.8	37.8	37.8	37.3	35.4	33.9	32.6	30.7
		kW	1.7	2.2	2.3	2.4	2.6	2.8	2.9	3.2	3.4	3.7	4.0	4.3	4.7	4.7	4.6	4.5	4.3
	80	TC	31.0	31.0	30.9	30.9	30.9	30.9	31.2	31.2	31.2	31.2	31.2	31.2	31.1	31.1	31.1	28.8	26.7
		kW	1.5	1.8	1.9	2.1	2.2	2.4	2.4	2.6	2.8	3.0	3.3	3.5	3.8	4.1	4.4	4.5	4.6
1750	60	TC	64.1	63.9	63.9	63.9	62.1	58.6	55.2	50.7	46.8	43.3	43.1	41.7	41.6	38.9	35.7	34.1	32.9
		kW	2.9	3.7	4.0	4.3	4.4	4.3	4.1	3.9	3.8	3.7	4.0	4.4	4.4	4.4	4.3	4.3	4.1
	70	TC	49.5	49.5	49.5	49.3	49.3	49.2	48.7	48.8	45.7	42.8	42.7	41.3	40.3	37.6	34.7	32.9	31.3
		kW	2.3	2.8	3.0	3.2	3.5	3.8	3.8	4.2	4.2	4.1	4.3	4.8	4.8	4.8	4.7	4.6	4.5
	75	TC	41.8	41.8	41.8	41.7	41.7	41.6	41.3	41.3	41.3	41.2	43.2	40.7	39.4	35.7	34.1	32.3	30.4
		kW	2.0	2.4	2.6	2.7	2.9	3.2	3.2	3.5	3.8	4.1	4.6	4.8	4.7	4.9	4.8	4.7	4.5
	80	TC	34.5	34.4	34.3	34.3	34.3	34.3	34.0	33.9	34.0	34.0	35.6	35.6	35.6	33.9	31.9	29.2	27.1
		kW	1.7	2.1	2.2	2.3	2.5	2.6	2.7	2.9	3.2	3.4	3.7	3.9	4.2	4.8	4.8	4.9	4.9
1850	60	TC	69.6	69.6	69.6	66.6	63.5	59.8	55.7	50.9	47.0	44.4	44.4	43.0	42.0	39.6	38.5	36.9	35.0
		kW	3.7	4.1	4.4	4.4	4.4	4.3	4.1	3.9	3.8	3.8	4.0	4.4	4.4	4.4	4.3	4.3	4.1
	70	TC	54.1	54.1	54.1	54.0	54.0	53.5	52.9	50.2	46.4	43.4	43.4	42.0	40.3	38.9	37.0	35.2	33.4
		kW	2.9	3.1	3.3	3.6	3.9	4.1	4.3	4.3	4.3	4.3	4.5	5.0	5.0	4.8	4.8	4.7	4.5
	75	TC	45.8	45.8	45.8	45.7	45.7	45.6	44.9	44.8	44.8	43.8	45.1	42.1	40.1	38.0	36.5	34.4	32.4
		kW	2.4	2.6	2.8	3.0	3.3	3.5	3.6	3.9	4.2	4.3	5.0	4.8	4.7	4.7	4.6	4.5	4.3
	80	TC	37.8	37.8	37.8	37.8	37.8	37.7	37.2	37.1	37.3	37.2	39.0	39.0	39.0	37.0	34.2	31.3	29.0
		kW	2.0	2.3	2.4	2.5	2.7	2.9	3.0	3.3	3.5	3.7	4.1	4.4	4.7	4.7	4.6	4.7	4.7

Table 12

TC: refer to total capacity in kBTU/h kW: refer to total input power

Product Specifications

YDV/XDV60 + JDE60 For Heating																			
Indoor Airflow CFM	ID - °F	OD - °F	86	72	67	62	57	52	47	42	37	32	27	22	17	12	7	2	-4
1200	60	TC	51.9	51.9	51.9	51.8	51.8	51.5	47.7	46.3	44.9	44.8	47.0	44.9	38.0	36.2	35.1	32.7	29.9
		kW	2.2	2.6	2.9	3.1	3.4	3.6	3.9	4.4	4.7	4.5	4.7	5.3	4.7	4.8	4.6	4.4	4.3
	70	TC	39.1	39.1	39.0	39.0	38.9	38.9	36.1	36.5	36.5	36.3	38.1	37.3	35.0	30.7	30.0	29.4	27.2
		kW	1.8	2.0	2.1	2.3	2.5	2.7	2.9	3.2	3.4	3.7	3.8	3.9	3.6	3.7	3.6	3.5	3.5
	75	TC	32.3	32.3	32.3	32.2	32.2	32.2	29.9	30.2	30.2	30.2	33.2	34.6	31.3	29.8	28.5	26.9	25.4
		kW	1.6	1.7	1.8	1.9	2.1	2.2	2.4	2.6	2.9	3.1	3.3	3.5	3.5	3.6	3.4	3.3	3.3
	80	TC	26.0	26.0	26.0	26.0	26.0	25.9	24.1	24.3	24.3	24.3	27.2	28.0	25.3	25.2	25.1	25.1	25.1
		kW	1.4	1.4	1.5	1.6	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.8	2.8	3.1	3.3	3.6	3.9
1350	60	TC	56.9	56.9	56.9	56.5	56.3	56.2	52.2	51.5	48.0	45.3	46.9	45.8	39.3	38.2	35.9	33.1	30.7
		kW	2.4	3.0	3.2	3.5	3.8	4.1	4.4	4.8	4.6	4.5	4.8	5.1	4.7	4.8	4.6	4.4	4.3
	70	TC	42.8	42.8	42.8	42.8	42.7	42.7	39.7	40.0	39.8	39.8	42.4	40.3	40.0	33.7	32.9	30.8	28.7
		kW	1.8	2.2	2.3	2.5	2.8	3.0	3.2	3.5	3.8	4.1	4.5	4.9	4.9	5.2	5.0	4.8	4.7
	75	TC	35.5	35.5	35.5	35.5	35.4	35.4	32.8	33.4	33.4	33.4	36.6	36.2	34.7	33.5	32.3	30.2	28.1
		kW	1.6	1.9	2.0	2.1	2.3	2.5	2.6	2.9	3.1	3.4	3.6	3.9	3.9	5.2	5.0	4.8	4.7
	80	TC	28.5	28.5	28.5	28.5	28.5	28.4	26.5	26.9	26.8	26.8	29.5	31.2	28.0	27.6	27.6	26.2	26.0
		kW	1.4	1.6	1.7	1.8	1.9	2.1	2.2	2.3	2.5	2.7	2.9	3.1	3.0	3.4	3.7	4.1	4.4
1550	60	TC	63.1	62.9	62.9	62.9	60.5	59.0	54.6	53.8	51.7	49.0	48.6	46.4	42.0	39.6	37.3	34.2	32.8
		kW	2.5	3.4	3.6	4.0	3.9	3.8	3.8	3.5	3.4	3.3	4.0	4.0	4.6	4.6	4.4	4.3	4.2
	70	TC	46.5	46.5	46.6	46.5	46.0	45.8	42.3	45.3	41.8	39.4	42.3	41.0	40.5	37.6	34.4	31.0	28.0
		kW	1.6	2.3	2.4	2.7	2.9	3.2	3.5	3.8	3.8	3.7	3.7	3.9	4.6	4.8	4.7	4.5	4.4
	75	TC	37.3	37.3	37.3	37.1	37.1	37.1	34.1	36.3	36.2	36.2	36.7	37.0	34.6	33.2	31.9	29.4	27.3
		kW	1.3	1.7	1.9	2.1	2.3	2.5	2.8	3.0	3.3	3.6	4.0	4.4	5.2	5.6	5.4	5.1	4.9
	80	TC	28.4	28.4	28.4	28.4	28.3	28.2	27.7	28.3	28.3	28.0	30.7	31.7	31.0	31.6	32.0	28.9	27.3
		kW	1.0	1.4	1.5	1.6	1.8	1.9	2.1	2.3	2.5	2.7	2.9	3.2	4.1	4.7	5.3	5.1	5.0
1750	60	TC	68.5	68.3	68.3	68.3	64.8	60.7	57.7	55.2	54.1	50.2	48.8	49.3	43.4	40.9	38.2	34.9	32.9
		kW	2.8	3.7	3.9	4.3	4.3	4.2	4.1	3.9	3.8	3.7	4.3	4.4	4.9	5.0	4.8	4.6	4.5
	70	TC	50.9	50.9	51.0	50.9	50.4	50.2	50.8	51.2	49.8	47.3	47.0	43.6	40.7	38.4	38.1	34.7	32.5
		kW	2.0	2.6	2.8	3.0	3.2	3.5	3.8	4.2	4.2	4.1	4.1	4.2	4.9	5.1	5.1	4.8	4.7
	75	TC	41.7	41.7	41.7	41.5	41.5	41.5	41.8	43.8	43.7	43.7	45.5	45.9	38.4	37.0	35.7	33.1	31.0
		kW	1.6	2.1	2.2	2.4	2.7	2.9	3.1	3.4	3.7	4.0	4.3	4.7	5.6	6.0	5.7	5.4	5.2
	80	TC	32.8	32.8	32.8	32.8	32.7	32.6	32.9	35.0	35.0	34.7	35.5	36.2	34.7	35.4	35.8	32.6	29.8
		kW	1.3	1.7	1.8	1.9	2.1	2.2	2.4	2.7	2.9	3.1	3.3	3.5	4.4	5.1	5.7	5.5	5.3
1850	60	TC	73.6	73.4	73.4	73.4	69.9	65.8	62.1	59.2	54.8	51.3	52.8	52.4	45.8	43.1	40.5	37.2	34.6
		kW	3.2	4.0	4.3	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.6	4.7	5.2	5.4	5.2	5.0	4.9
	70	TC	55.8	55.8	55.9	55.8	55.3	55.1	55.2	56.2	53.8	51.3	50.2	47.0	44.3	40.6	40.4	37.0	34.1
		kW	2.3	2.9	3.1	3.4	3.6	3.8	4.2	4.6	4.5	4.4	4.4	4.5	5.2	5.5	5.4	5.2	5.1
	75	TC	46.5	46.5	46.5	46.3	46.3	46.3	46.2	47.8	47.7	47.7	48.9	49.1	40.9	39.2	38.0	35.5	33.4
		kW	2.0	2.4	2.6	2.7	3.0	3.2	3.4	3.7	4.1	4.4	4.6	5.0	5.9	6.3	6.0	5.7	5.6
	80	TC	37.5	37.5	37.5	37.5	37.4	37.3	37.3	39.0	39.0	38.7	39.7	39.7	37.3	37.6	38.1	34.9	32.2
		kW	1.7	2.0	2.1	2.3	2.4	2.6	2.8	3.0	3.3	3.4	3.6	3.9	4.8	5.5	6.0	5.9	5.7

Table 13

TC: refer to total capacity in kBTU/h kW: refer to total input power

5 AHRI 210/240 Performance Data

5.1 SEER2 Data

System Configuration	Outdoor Unit Model	Indoor Unit Model	Cooling Capacity - Btu/h			Cooling CFM (High/Low)	Heating Capacity - Btu/h			Heating CFM (High/Low)	Cold Climate?
			Total	EER2 ¹	SEER2 ²		Hi	HSPF2 ³	Low ⁴		
YDV/XDV with JDE Air Handler	YDV/XDV36E2D11	JDE24E5XX2DS1	24000	13	20	810/620	24000	9.5	22400	850/710	⌘
	YDV/XDV36E2D11	JDE36E5XX2DS1	34200	12	19	1170/900	34200	9.5	28000	1300/1030	⌘
	YDV/XDV60E2D11	JDE48F5XX2DS1	47000	12	18.5	1580/1250	48000	9.5	40000	1680/1420	⌘
	YDV/XDV60E2D11	JDE60F5XX2DS1	52000	11.7	18	1760/1430	55000	9.5	44000	1800/1600	⌘

Table 14

¹ Energy Efficiency Ratio; Certified per AHRI 210/240

² Seasonal Energy Efficiency Ratio; Certified per AHRI 210/240

³ HSPF = Heating Seasonal Performance Factor; Certified per AHRI 210/240

⁴ Jumper cut or dip switch off

☐ Items in **bold** boxes meet the requirements for ENERGY STAR v6.1

⌘ Denotes combinations that meet ENERGY STAR v6.1 Cold Climate

6 Sound Data

Model Size	Mode	Sound Power Level dB(A)	Full Octave Linear Sound Power Level - dB - Center Frequency - Hz								
			100	125	250	500	1000	2000	4000	8000	10000
3 Ton	Low Cooling	53.4	22.6	19.8	35.9	44.3	49.1	35.2	36.4	32.3	35.5
	High Cooling	73.8	45.1	52.4	59.8	65.5	64.1	59.9	55.1	49.9	49.0
	Low Heating	55.3	30.8	31.1	37.9	46.9	43.1	45.4	40.0	38.0	40.3
	High Heating	74.1	46.6	57.3	59.6	64.2	65.1	60.0	56.4	48.7	48.1
5 Ton	Low Cooling	62.0	29.9	23.3	43.8	55.2	53.2	42.5	44.7	44.5	40.3
	High Cooling	76.2	53.2	48.0	58.2	65.6	67.1	61.6	62.8	53.2	50.0
	Low Heating	53.1	20.5	27.3	41.1	43.3	36.6	36.7	39.0	35.6	37.9
	High Heating	77.1	54.5	49.6	56.9	67.9	67.2	62.1	63.5	54.0	49.3

Table 15 YDV/XDV Sound Power Level

7 Dimensions

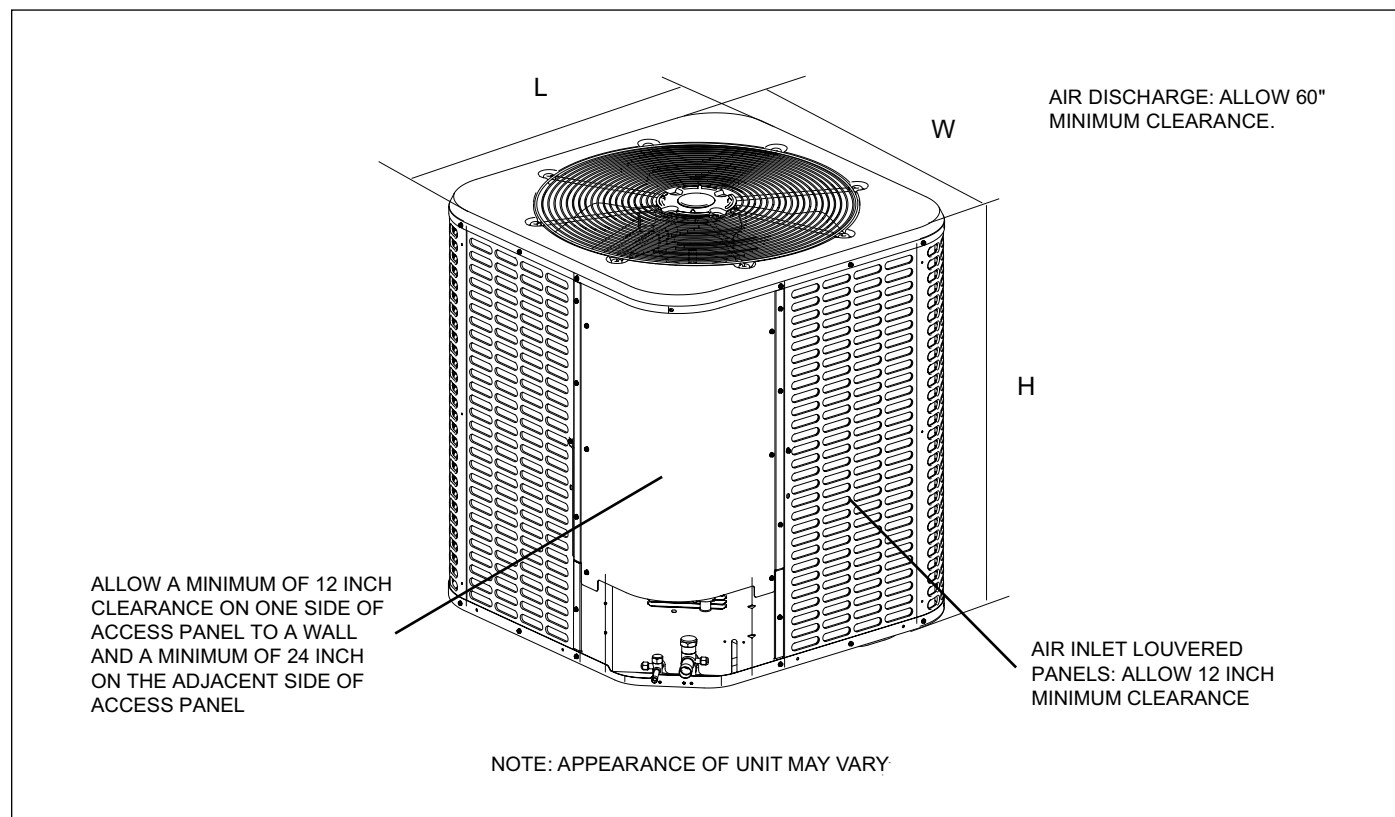


Figure 2

Model Size	Dimensions - in [mm]		
	Unit Height "H"	Unit Width "W"	Unit Length "L"
3 Ton	24-15/16 [633]	29-1/8 [740]	29-1/8 [740]
5 Ton	33-3/16 [843]	29-1/8 [740]	29-1/8 [740]

Table 16

NOTES

NOTES:

BHC Group Heating & Cooling
5005 York Drive
Norman, OK 73069

BTC 910108201 A / 05.2026

**BHC Group Heating & Cooling reserves the right to
make changes without notice due to continuing
engineering and technological advances.**