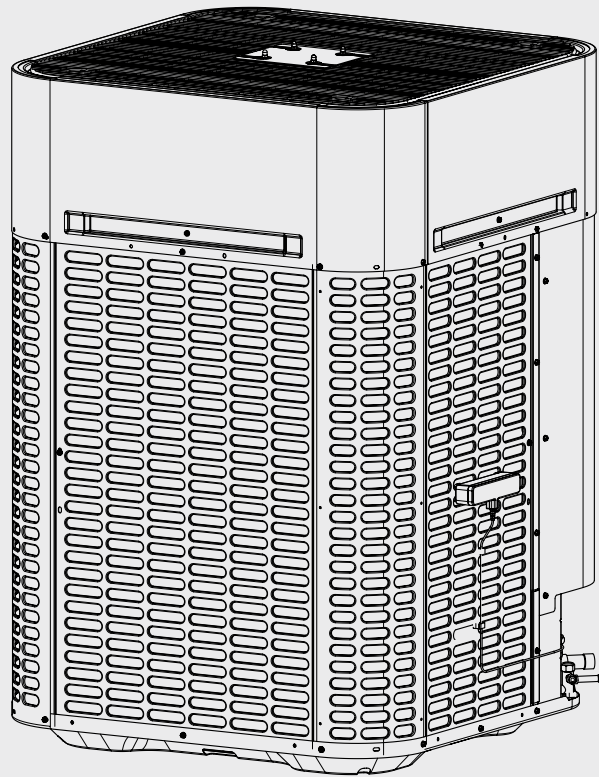


Product Specifications

Split System Heat Pump YDC Series Condensing Unit

3-5 Ton Capacity | R-454B



BTC-910808201-A / 03.2026



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1 Product Features

1.1 Features and Benefits

- Premium efficiency- Up to 19 SEER2 and 10 HSPF2 (Region IV), 8.5 HSPF2 (Region V)
- Operation down to -13°F
- Capable of providing 100% heating capacity at 5°F outdoor temperature
- Fully Communicating system when paired with a JDU Air Handler or an A2L Communication Accessory Kit
- Outdoor coil – copper tube with hydrophilic aluminum fins
- 10-speed ECM outdoor motor for quiet and efficient operation
- EVI Inverter Drive Compressor
- Whisper Quiet operation – as low as 39.9 dB(A)
- Small footprint – 29-1/8" (W) x 29-1/8" (D)
- Easy to install – compatible with most standard Conv T-stat heat pump thermostats
- Compatibility with the Smart Home Comfort Thermostat (TSHC350) for optimized temperature control

1.2 Standard Features

- R-454B LGWP Refrigerant
- Vapor Injection Technology
- Intelligent Oil Return Technology
- Inverter Driven Rotary Compressor
- Comes with Built-in Crankcase Heater and Base Pan 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

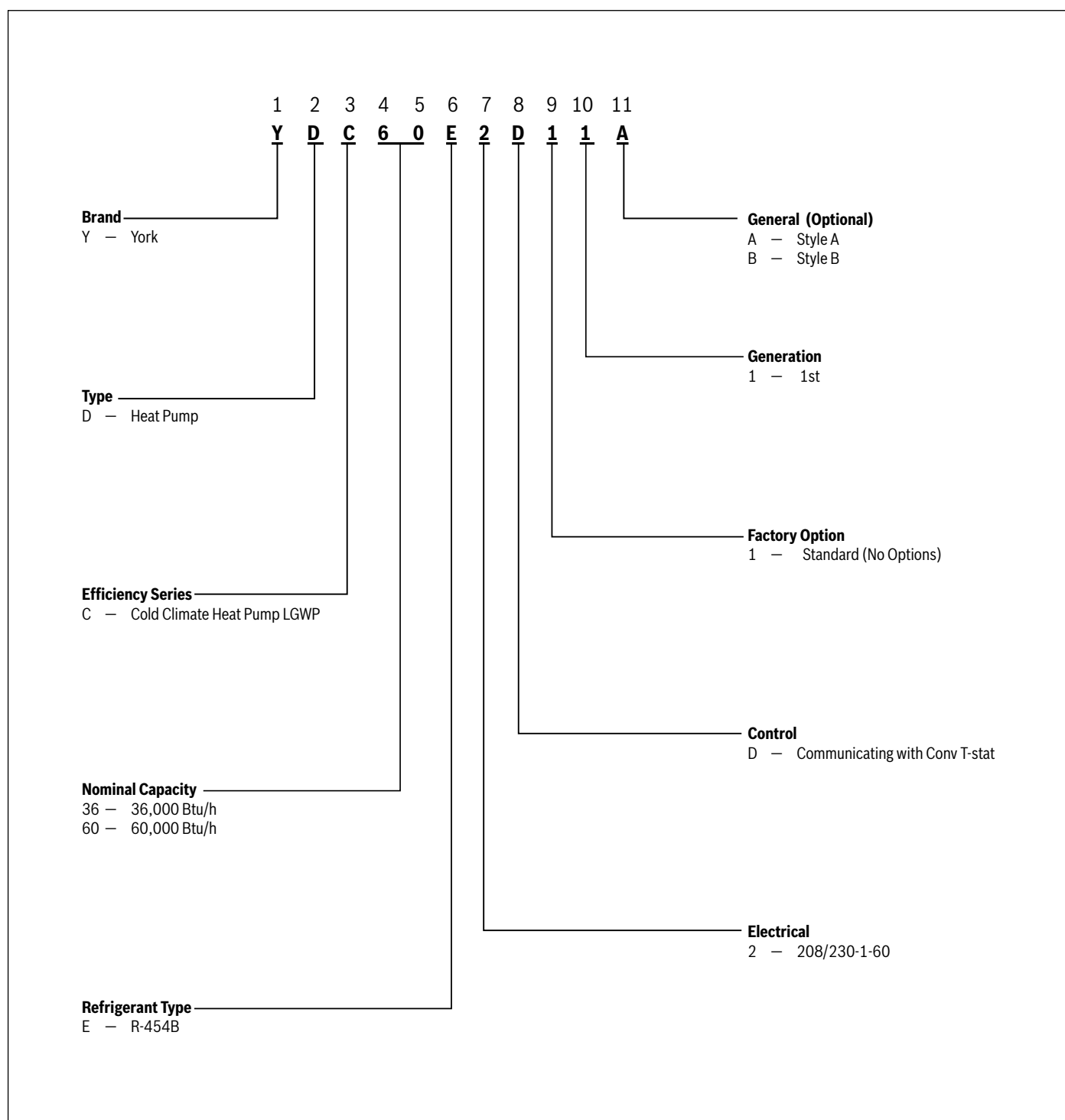


Figure 1

3 Product Specifications

	3 Ton	5 Ton
Cooling Capacity		
Nominal Cooling - Btu/h	36400	53500
Nominal Heating - Btu/h	36600	55000
Decibels - dB(A)		
Maximum @ 100% Load	70	79
Mininum @ Minimum Load	63	60
Compressor		
Rated Load Amps - A	29.2	
Condenser Fan Motor		
Horsepower - HP	1/3	
Full Load Amps - A	3.0	
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	8-6	10-14
Expansion Device	EEV (Electronic Expansion Valve)	
Maximum Line Length - ft	150	
Maximum Elevation Difference - ft	50	
Operating Range		
Cooling - °F	15 to 125	
Heating - °F	-13 to 86	
Electrical Data		
Voltage-Phase-Hz	208/230-1-60	
Minimum Circuit Ampacity² - A	29.8	39.5
Maximum Overcurrent Protection³ - A	51.3	68.7
Maximum Fuse Size - A	35	50
Minimum / Maximum Voltage - V	187/253	
Weight		
Net Weight (without packaging) - lb	223	246
Gross Weight (with packaging)⁴ - lb	260	280
Dimensions		
Unit L x W x H - in	29-1/8 x 29-1/8 x 43-5/16	
Outdoor Coil		
Net face area - sq ft Outer Coil	18.4	18.4
Tube diameter - in [mm]	9/32 [7]	9/32 [7]
Number of rows	2	3
Fins per inch	19.5	19.5

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 25' 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 3 Ton YDC + JDU Series – Cooling Mode

		YDC36 + JDU36 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
800	15	TC	20.9	21.3	22.7	27.2	25.9	26.2	26.8	27.6	32.7	32.0	32.3	32.2	/	37.6	37.7	42.7
		S/T	0.83	0.99	1.00	1.00	0.60	0.77	0.93	1.00	0.41	0.55	0.69	0.82	/	0.40	0.52	0.60
		kW	1.16	1.23	1.34	1.46	1.29	1.34	1.43	1.54	1.32	1.59	1.64	1.61	/	1.77	1.81	2.24
	65	TC	16.3	18.1	21.3	25.0	20.4	20.7	21.5	25.0	28.2	28.7	28.8	28.6	/	38.0	37.9	38.0
		S/T	0.93	1.00	1.00	1.00	0.64	0.85	1.00	1.00	0.42	0.58	0.73	0.88	/	0.40	0.52	0.63
		kW	1.11	1.25	1.57	1.67	1.48	1.51	1.61	1.67	1.86	1.93	1.94	1.91	/	2.43	2.43	2.44
	75	TC	15.0	16.4	21.3	25.0	19.9	20.8	21.8	24.9	28.7	28.7	29.0	29.1	/	38.6	38.6	38.6
		S/T	0.97	1.00	1.00	1.00	0.64	0.85	0.99	1.00	0.42	0.58	0.73	0.87	/	0.40	0.52	0.63
		kW	1.22	1.32	1.53	1.68	1.39	1.48	1.60	1.68	2.00	2.00	1.93	1.95	/	2.41	2.42	2.42
	85	TC	14.9	16.8	21.3	25.5	20.1	20.4	21.6	25.4	28.7	28.6	28.3	28.7	/	37.0	37.0	37.6
		S/T	0.97	1.00	1.00	1.00	0.64	0.85	1.00	1.00	0.42	0.58	0.73	0.88	/	0.40	0.52	0.64
		kW	1.21	1.27	1.59	2.02	1.48	1.50	1.62	2.01	1.96	1.95	1.90	1.94	/	2.40	2.40	2.48
	95	TC	14.7	17.1	21.3	25.1	20.2	20.8	21.8	25.1	28.9	28.8	29.0	29.2	/	38.1	37.4	37.4
		S/T	0.98	1.00	1.00	1.00	0.64	0.85	1.00	1.00	0.42	0.58	0.73	0.87	/	0.40	0.52	0.64
		kW	1.22	1.30	1.56	1.82	1.50	1.53	1.61	1.82	2.12	2.12	2.14	2.16	/	2.95	2.85	2.85
	105	TC	14.0	17.2	21.3	25.1	20.7	21.0	21.4	25.5	29.1	28.9	29.0	29.2	/	37.5	37.4	37.3
		S/T	0.99	1.00	1.00	1.00	0.64	0.84	1.00	1.00	0.42	0.58	0.73	0.87	/	0.40	0.52	0.64
		kW	1.46	1.66	1.94	2.26	1.90	1.93	1.95	2.32	2.65	2.63	2.64	2.65	/	3.52	3.50	3.49
	115	TC	13.4	17.8	21.4	25.7	20.7	21.1	21.3	25.7	29.6	29.5	29.4	29.6	/	31.6	31.5	31.5
		S/T	1.00	1.00	1.00	1.00	0.64	0.84	1.00	1.00	0.42	0.57	0.73	0.87	/	0.41	0.55	0.69
		kW	1.74	2.09	2.34	2.78	2.30	2.33	2.33	2.78	3.18	3.17	3.16	3.18	/	3.28	3.27	3.27
	125	TC	13.4	17.8	20.9	23.4	20.3	20.6	22.0	23.4	23.7	23.6	23.7	23.7	/	25.5	25.6	25.6
		S/T	1.00	1.00	1.00	1.00	0.64	0.85	1.00	1.00	0.43	0.62	0.80	0.97	/	0.42	0.60	0.76
		kW	2.04	2.47	2.69	2.90	2.67	2.69	2.89	2.90	2.90	2.90	2.90	2.90	/	2.92	2.92	2.91
1000	15	TC	20.8	24.4	27.7	32.5	30.5	30.6	30.4	32.6	36.4	34.1	37.0	38.1	/	44.6	44.3	44.7
		S/T	0.91	1.00	1.00	1.00	0.60	0.77	0.95	1.00	0.41	0.57	0.70	0.84	/	0.40	0.52	0.63
		kW	1.20	1.23	1.60	1.82	1.53	1.56	2.13	1.84	1.79	1.89	1.90	2.05	/	2.40	2.37	2.43
	65	TC	16.2	20.7	25.0	29.7	23.8	24.2	24.9	30.1	34.3	34.6	35.3	35.5	/	43.5	43.6	43.3
		S/T	1.00	1.00	1.00	1.00	0.65	0.87	1.00	1.00	0.42	0.58	0.73	0.87	/	0.40	0.53	0.65
		kW	1.14	1.58	1.75	1.97	1.64	1.68	1.73	2.04	2.25	2.29	2.38	2.42	/	3.23	3.26	3.19
	75	TC	15.3	21.1	25.7	29.5	24.2	24.6	25.5	30.0	33.1	33.1	33.4	33.4	/	42.9	42.8	43.0
		S/T	1.00	1.00	1.00	1.00	0.64	0.86	1.00	1.00	0.42	0.58	0.74	0.90	/	0.40	0.53	0.65
		kW	1.29	1.61	1.77	2.07	1.70	1.75	1.75	2.14	2.50	2.49	2.53	2.53	/	2.96	2.93	2.96
	85	TC	15.5	20.8	25.1	29.7	23.4	23.6	25.1	29.6	32.9	32.9	33.2	33.3	/	42.1	42.0	42.3
		S/T	1.00	1.00	1.00	1.00	0.65	0.88	1.00	1.00	0.42	0.59	0.75	0.90	/	0.40	0.53	0.65
		kW	1.25	1.62	1.99	2.12	1.85	1.87	2.00	2.12	2.26	2.27	2.31	2.33	/	2.88	2.86	2.89
	95	TC	16.2	21.1	25.7	29.6	24.2	24.7	25.3	29.7	33.4	33.4	33.7	33.7	/	42.1	41.9	42.1
		S/T	1.00	1.00	1.00	1.00	0.64	0.86	1.00	1.00	0.42	0.58	0.74	0.89	/	0.40	0.53	0.66
		kW	1.35	1.64	1.96	2.24	1.84	1.89	1.92	2.26	2.59	2.58	2.61	2.61	/	3.38	3.36	3.37
	105	TC	15.8	20.6	25.4	30.0	24.3	24.6	25.3	30.0	33.5	33.4	33.5	33.5	/	39.0	39.0	39.0
		S/T	1.00	1.00	1.00	1.00	0.65	0.86	1.00	1.00	0.42	0.58	0.75	0.90	/	0.41	0.55	0.68
		kW	1.65	1.97	2.36	2.81	2.29	2.32	2.36	2.82	3.18	3.18	3.18	3.18	/	3.62	3.62	3.62
	115	TC	16.0	21.5	25.8	30.3	25.0	25.2	25.5	30.3	32.7	32.6	32.7	32.6	/	32.5	32.5	32.5
		S/T	1.00	1.00	1.00	1.00	0.64	0.85	1.00	1.00	0.42	0.59	0.75	0.91	/	0.42	0.58	0.74
		kW	2.01	2.45	2.87	3.36	2.79	2.81	2.81	3.35	3.53	3.53	3.53	3.53	/	3.34	3.34	3.34
	125	TC	16.3	20.3	23.2	24.7	22.4	22.4	23.2	24.7	24.1	24.2	24.2	24.7	/	26.1	26.1	26.1
		S/T	1.00	1.00	1.00	1.00	0.67	0.91	1.00	1.00	0.44	0.66	0.88	1.00	/	0.44	0.64	0.84
		kW	2.40	2.73	2.96	2.97	2.96	2.96	2.96	2.97	2.97	2.97	2.97	2.97	/	2.98	2.98	2.98
1100	15	TC	24.7	26.7	28.6	33.1	31.5	31.2	27.9	33.2	36.7	38.2	38.3	42.8	/	44.8	44.5	44.9
		S/T	0.88	1.00	1.00	1.00	0.62	0.80	1.00	1.00	0.42	0.57	0.73	0.82	/	0.40	0.53	0.66
		kW	1.24	1.49	1.66	1.77	1.60	1.57	1.54	1.77	1.74	2.00	2.00	2.32	/	2.34	2.29	2.35
	65	TC	17.8	22.3	27.6	32.1	25.2	25.7	27.9	32.1	37.3	35.6	36.1	36.7	/	43.6	44.0	44.4
		S/T	1.00	1.00	1.00	1.00	0.66	0.88	1.00	1.00	0.42	0.59	0.75	0.90	/	0.41	0.54	0.67
		kW	1.27	1.58	1.87	2.07	1.77	1.82	1.91	2.07	2.60	2.34	2.41	2.36	/	3.13	3.19	3.19
	75	TC	15.9	22.9	27.8	32.6	25.6	26.1	27.7	32.6	37.2	36.6	35.7	35.8	/	44.8	44.8	44.5
		S/T	1.00	1.00	1.00	1.00	0.66	0.88	1.00	1.00	0.42	0.59	0.75	0.91	/	0.41	0.54	0.67
		kW	1.33	1.66	1.89	2.42	1.74	1.78	1.87	2.42	2.37	2.29	2.83	2.83	/	3.11	3.11	3.04
	85	TC	16.9	22.7	27.6	32.1	25.0	25.4	27.7	32.2	35.0	34.7	35.2	35.4	/	43.9	44.0	44.3
		S/T	1.00	1.00	1.00	1.00	0.66	0.89	1.00	1.00	0.42	0.60	0.76	0.91	/	0.41	0.54	0.66
		kW	1.30	1.78	1.91	2.16	2.00	2.05	1.92	2.17	2.37	2.32	2.37	2.39	/	3.03	3.03	3.06
	95	TC	17.8	22.9	27.6	32.6	26.3	26.7	27.5	32.6	35.4	35.2	35.6	36.2	/	42.9	42.9	43.1
		S/T	1.00	1.00	1.00	1.00	0.65	0.87	1.00	1.00	0.42	0.59	0.75	0.90	/	0.41	0.55	0.68
		kW	1.42	1.73	2.07	2.50	1.99	2.02	2.06	2.50	2.79	2.79	2.81	2.89	/	3.38	3.37	3.37
	105	TC	17.8	22.9	28.0	32.9	26.2	26.5	27.7	32.9	34.9	34.9	35.0	35.0	/	39.7	39.7	39.8
		S/T	1.00	1.00	1.00	1.00	0.65	0.87	1.00	1.00	0.42	0.59	0.76	0.92	/	0.41	0.56	0.70
		kW	1.77	2.13	2.61	3.10	2.45	2.48	2.55	3.10	3.36	3.36	3.37	3.36	/	3.61	3.61	3.61
	115	TC	17.9	23.2	28.3	32.5	26.3	26.5	27.9	32.5	33.2	33.2	33.3	33.2	/	33.0	33.1	33.1
		S/T	1.00	1.00	1.00	1.00	0.65	0.87	1.00	1.00	0.42	0.61	0.78	0.95	/	0.43	0.60	0.7

Product Specifications

YDC36 + JDU36 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	24.8	27.4	31.0	37.5	30.9	31.6	32.2	37.5	37.4	37.9	43.6	42.9	/	46.1	45.9	45.6
		S/T	0.91	1.00	1.00	1.00	0.63	0.82	0.98	1.00	0.41	0.58	0.70	0.85	/	0.40	0.54	0.67
		kW	1.37	1.72	1.65	2.16	1.61	1.73	1.83	2.16	1.95	2.04	2.52	2.38	/	2.66	2.62	2.55
	65	TC	18.4	23.9	29.0	34.1	27.3	27.7	29.1	34.0	36.6	37.2	38.5	38.3	/	47.8	47.2	46.5
		S/T	1.00	1.00	1.00	1.00	0.65	0.88	1.00	1.00	0.42	0.59	0.75	0.91	/	0.40	0.54	0.67
		kW	1.44	1.75	2.17	2.29	1.97	2.02	2.17	2.27	2.58	2.52	2.71	2.68	/	2.83	2.76	2.80
	75	TC	17.9	24.4	29.5	33.9	26.6	27.0	29.1	34.0	38.2	37.8	38.2	38.3	/	45.1	45.1	45.2
		S/T	1.00	1.00	1.00	1.00	0.66	0.89	1.00	1.00	0.42	0.59	0.75	0.91	/	0.40	0.55	0.68
		kW	1.48	1.82	2.19	2.68	1.95	2.00	2.14	2.69	2.56	2.51	2.56	2.56	/	3.21	3.21	3.21
	85	TC	18.6	24.0	29.1	34.3	26.7	26.7	29.3	34.3	36.2	36.5	37.6	37.7	/	41.7	44.2	44.4
		S/T	1.00	1.00	1.00	1.00	0.66	0.89	1.00	1.00	0.42	0.60	0.76	0.92	/	0.41	0.55	0.67
		kW	1.54	2.03	2.17	2.42	1.95	1.95	2.19	2.43	2.50	2.53	2.65	2.66	/	2.90	3.15	3.09
	95	TC	18.6	24.4	29.4	34.6	27.5	27.9	29.2	34.7	36.2	36.3	36.4	36.4	/	43.0	43.1	43.4
		S/T	1.00	1.00	1.00	1.00	0.65	0.88	1.00	1.00	0.42	0.59	0.77	0.93	/	0.41	0.56	0.69
		kW	1.57	1.96	2.34	2.79	2.20	2.23	2.31	2.81	3.01	3.01	3.01	3.01	/	3.47	3.47	3.47
	105	TC	18.7	24.3	29.7	34.3	27.5	27.7	29.9	34.3	36.3	35.8	36.0	35.9	/	39.8	39.9	40.0
		S/T	1.00	1.00	1.00	1.00	0.65	0.88	1.00	1.00	0.42	0.60	0.77	0.94	/	0.41	0.57	0.72
		kW	1.94	2.39	2.90	3.35	2.68	2.71	2.92	3.35	3.56	3.56	3.58	3.57	/	3.70	3.70	3.70
	115	TC	19.0	24.4	29.4	30.8	27.5	27.7	29.4	30.9	30.5	30.6	30.6	30.9	/	33.0	33.1	33.2
		S/T	1.00	1.00	1.00	1.00	0.65	0.88	1.00	1.00	0.43	0.64	0.85	1.00	/	0.43	0.62	0.80
		kW	2.34	2.82	3.32	3.41	3.13	3.16	3.32	3.41	3.41	3.41	3.41	3.41	/	3.42	3.42	3.42
	125	TC	19.0	22.5	24.1	25.7	22.6	22.7	24.1	25.7	24.4	24.4	24.5	25.7	/	26.4	26.4	26.4
		S/T	1.00	1.00	1.00	1.00	0.71	0.97	1.00	1.00	0.45	0.71	0.95	1.00	/	0.45	0.69	0.91
		kW	2.76	3.04	3.04	3.05	3.04	3.04	3.05	3.05	3.05	3.05	3.05	3.05	/	3.05	3.05	3.05
1350	15	TC	25.4	31.2	33.2	38.2	34.8	34.6	32.1	38.2	40.9	41.8	43.5	42.3	/	48.0	48.2	48.8
		S/T	0.94	1.00	1.00	1.00	0.61	0.82	1.00	1.00	0.41	0.58	0.74	0.90	/	0.40	0.55	0.69
		kW	1.51	2.63	2.02	2.24	1.85	1.80	1.83	2.24	2.13	2.22	2.49	2.30	/	3.05	3.07	3.21
	65	TC	20.8	25.9	32.0	37.6	29.2	29.9	32.1	37.7	39.9	39.8	40.0	40.3	/	47.2	43.9	47.5
		S/T	1.00	1.00	1.00	1.00	0.66	0.89	1.00	1.00	0.42	0.60	0.77	0.93	/	0.40	0.55	0.69
		kW	1.81	2.06	2.28	2.68	2.13	2.22	2.31	2.69	3.14	3.12	2.94	2.99	/	2.81	3.44	2.89
	75	TC	20.6	26.4	32.3	36.5	28.6	29.0	32.3	36.5	39.5	39.4	39.6	39.5	/	44.7	45.2	45.6
		S/T	1.00	1.00	1.00	1.00	0.67	0.91	1.00	1.00	0.42	0.60	0.78	0.94	/	0.41	0.55	0.69
		kW	1.74	2.04	2.62	3.05	2.17	2.23	2.61	3.06	2.79	2.75	2.75	2.75	/	3.18	3.08	3.08
	85	TC	20.3	25.9	32.1	37.2	28.0	28.6	31.8	37.2	37.8	38.7	39.5	39.4	/	44.2	44.3	44.6
		S/T	1.00	1.00	1.00	1.00	0.67	0.91	1.00	1.00	0.42	0.60	0.78	0.94	/	0.41	0.55	0.69
		kW	1.76	1.97	2.39	2.69	2.14	2.21	2.34	2.69	2.72	2.81	2.89	2.89	/	3.17	3.17	3.17
	95	TC	20.3	26.7	32.4	37.7	29.5	29.9	32.4	37.7	38.6	38.8	39.1	39.1	/	43.4	43.7	43.9
		S/T	1.00	1.00	1.00	1.00	0.66	0.89	1.00	1.00	0.42	0.60	0.78	0.95	/	0.41	0.57	0.72
		kW	1.75	2.23	2.69	3.19	2.44	2.48	2.70	3.18	3.26	3.26	3.28	3.29	/	3.54	3.54	3.54
	105	TC	20.5	26.3	32.4	37.1	29.3	29.5	32.5	37.1	37.4	37.4	37.6	37.6	/	40.2	40.4	40.5
		S/T	1.00	1.00	1.00	1.00	0.66	0.90	1.00	1.00	0.42	0.61	0.80	0.97	/	0.42	0.59	0.76
		kW	2.15	2.64	3.27	3.75	2.95	2.96	3.28	3.75	3.75	3.75	3.75	3.75	/	3.78	3.78	3.77
	115	TC	20.7	26.8	32.0	31.8	29.7	29.8	32.0	31.8	30.7	30.9	30.9	31.8	/	33.3	33.4	33.4
		S/T	1.00	1.00	1.00	1.00	0.66	0.90	1.00	1.00	0.43	0.66	0.89	1.00	/	0.43	0.65	0.85
		kW	2.56	3.16	3.67	3.49	3.48	3.50	3.67	3.48	3.48	3.48	3.48	3.48	/	3.49	3.49	3.49
	125	TC	19.9	22.9	24.6	26.3	22.7	22.9	24.6	26.3	24.5	24.6	24.7	26.3	/	26.4	26.5	26.6
		S/T	1.00	1.00	1.00	1.00	0.74	1.00	1.00	1.00	0.45	0.74	0.99	1.00	/	0.46	0.73	0.97
		kW	2.89	3.11	3.12	3.12	3.11	3.11	3.12	3.12	3.12	3.12	3.12	3.12	/	3.12	3.12	3.12

Table 3

TC: refers 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 4 Ton YDC + JDU Series – Cooling Mode

YDC60 + JDU48 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	35.44	35.91	36.67	37.05	36.67	37.05	37.43	37.91	39.24	39.52	39.90	40.28	/	47.03	47.41	48.26
		S/T	0.68	0.73	0.81	0.99	0.61	0.80	0.84	0.90	0.42	0.56	0.72	0.87	/	0.40	0.53	0.64
		kW	1.57	1.59	1.60	1.60	1.60	1.62	1.64	1.65	1.64	1.68	1.70	1.72	/	2.29	2.32	2.32
	65	TC	35.53	35.91	36.77	37.15	36.77	37.15	37.53	37.91	39.33	39.62	40.00	40.38	/	47.12	47.50	48.36
		S/T	0.80	0.85	0.94	0.99	0.61	0.80	0.92	0.96	0.42	0.56	0.72	0.87	/	0.40	0.53	0.64
		kW	1.95	1.98	2.00	2.00	2.00	2.02	2.04	2.06	2.05	2.08	2.10	2.12	/	2.70	2.73	2.73
	75	TC	35.34	35.72	36.58	36.96	36.58	36.96	37.34	37.72	39.05	39.33	39.71	40.09	/	47.41	47.79	48.26
		S/T	0.80	0.85	0.94	0.99	0.61	0.80	0.93	0.97	0.42	0.56	0.73	0.87	/	0.40	0.53	0.64
		kW	2.10	2.12	2.14	2.14	2.14	2.17	2.19	2.21	2.21	2.22	2.25	2.28	/	2.54	2.57	2.59
	85	TC	34.96	35.34	36.20	36.58	36.20	36.58	36.96	37.34	38.67	39.05	39.33	39.71	/	46.65	47.03	47.41
		S/T	0.80	0.85	0.94	0.99	0.61	0.80	0.93	0.97	0.42	0.56	0.73	0.87	/	0.40	0.53	0.65
		kW	2.22	2.24	2.27	2.27	2.27	2.29	2.32	2.34	2.35	2.37	2.39	2.42	/	2.90	2.93	2.95
	95	TC	34.31	34.59	35.44	35.81	35.44	35.81	36.28	36.66	37.88	38.26	38.54	38.92	/	45.50	45.78	46.15
		S/T	0.81	0.86	0.94	0.99	0.61	0.80	0.93	0.97	0.41	0.56	0.73	0.89	/	0.40	0.53	0.65
		kW	2.69	2.72	2.74	2.74	2.74	2.77	2.80	2.83	2.86	2.89	2.91	/	3.29	3.32	3.35	
	105	TC	31.45	31.83	32.57	32.85	32.57	32.85	33.22	33.59	34.80	35.08	35.36	35.64	/	41.60	41.97	42.16
		S/T	0.81	0.86	0.94	0.99	0.61	0.81	0.93	0.97	0.41	0.57	0.75	0.88	/	0.40	0.53	0.66
		kW	3.13	3.16	3.20	3.20	3.20	3.22	3.26	3.29	3.31	3.34	3.37	3.39	/	3.90	3.93	3.96
	115	TC	30.99	31.36	32.11	32.48	32.11	32.48	32.76	33.13	34.25	34.53	34.90	35.18	/	35.72	35.90	36.16
		S/T	0.81	0.86	0.94	0.99	0.61	0.81	0.96	0.99	0.41	0.57	0.73	0.89	/	0.41	0.54	0.69
		kW	3.93	3.97	4.01	4.01	4.01	4.06	4.10	4.14	4.15	4.19	4.23	4.26	/	4.32	4.33	4.33
	125	TC	24.38	24.57	25.22	25.50	25.22	25.50	25.78	26.06	27.36	27.45	27.45	27.55	/	29.13	29.13	29.22
		S/T	0.82	0.88	0.95	0.99	0.62	0.84	0.96	0.99	0.42	0.61	0.80	0.99	/	0.41	0.61	0.79
		kW	3.11	3.14	3.17	3.17	3.17	3.21	3.24	3.27	3.33	3.33	3.33	3.33	/	3.36	3.36	3.36
1350	15	TC	37.72	38.19	39.05	39.43	39.05	39.43	39.81	40.28	41.61	41.99	42.37	42.75	/	50.73	51.21	51.59
		S/T	0.72	0.76	0.85	0.99	0.61	0.82	0.84	0.90	0.41	0.58	0.75	0.90	/	0.40	0.53	0.66
		kW	1.68	1.70	1.71	1.71	1.71	1.73	1.75	1.77	1.76	1.78	1.81	1.84	/	2.33	2.36	2.37
	65	TC	37.91	38.38	39.24	39.62	39.24	39.62	40.09	40.57	41.80	42.18	42.56	42.94	/	50.92	51.40	51.78
		S/T	0.84	0.90	0.97	0.99	0.61	0.82	0.94	0.99	0.41	0.58	0.75	0.90	/	0.40	0.53	0.66
		kW	2.15	2.18	2.20	2.20	2.20	2.22	2.24	2.27	2.26	2.28	2.31	2.34	/	2.73	2.76	2.79
	75	TC	38.00	38.48	39.33	39.71	39.33	39.71	40.19	40.66	41.90	42.28	42.66	43.04	/	50.54	51.02	51.40
		S/T	0.83	0.89	0.96	0.99	0.61	0.82	0.94	0.99	0.41	0.58	0.75	0.90	/	0.40	0.53	0.66
		kW	2.29	2.31	2.34	2.34	2.34	2.36	2.39	2.41	2.41	2.43	2.46	2.49	/	2.91	2.94	2.97
	85	TC	37.53	38.00	38.86	39.33	38.86	39.33	39.71	40.09	41.52	41.80	42.18	42.47	/	49.88	50.26	50.54
		S/T	0.83	0.89	0.96	0.99	0.61	0.82	0.94	0.99	0.41	0.58	0.75	0.91	/	0.40	0.53	0.66
		kW	2.53	2.56	2.59	2.59	2.59	2.61	2.64	2.67	2.68	2.70	2.72	2.75	/	3.27	3.30	3.33
	95	TC	36.66	37.13	37.98	38.35	38.38	38.76	39.24	39.62	41.47	41.66	42.27	42.34	/	48.32	48.69	49.07
		S/T	0.83	0.89	0.96	0.99	0.61	0.82	0.94	0.99	0.41	0.58	0.75	0.91	/	0.40	0.54	0.68
		kW	3.07	3.10	3.14	3.14	3.14	3.17	3.20	3.24	3.24	3.27	3.30	3.33	/	3.69	3.73	3.76
	105	TC	33.59	34.06	34.71	35.08	34.71	35.08	35.55	35.83	37.22	37.50	37.69	37.97	/	44.11	44.30	44.58
		S/T	0.83	0.89	0.96	0.99	0.62	0.83	0.94	0.99	0.41	0.58	0.75	0.91	/	0.40	0.54	0.69
		kW	3.41	3.45	3.49	3.49	3.49	3.53	3.56	3.60	3.61	3.65	3.68	3.70	/	4.24	4.28	4.31
	115	TC	32.01	32.38	33.04	33.41	33.04	33.41	33.87	34.15	35.64	35.83	35.92	35.74	/	36.73	36.91	37.09
		S/T	0.84	0.90	0.97	0.99	0.62	0.83	0.94	0.99	0.41	0.58	0.74	0.94	/	0.41	0.56	0.73
		kW	4.03	4.07	4.12	4.12	4.12	4.16	4.21	4.25	4.33	4.34	4.34	4.33	/	4.38	4.38	4.38
	125	TC	24.57	24.94	25.50	25.87	25.50	25.87	26.06	26.24	27.64	27.64	27.73	27.73	/	29.31	29.41	29.41
		S/T	0.86	0.92	0.99	0.99	0.64	0.90	0.94	0.99	0.42	0.63	0.85	0.99	/	0.42	0.63	0.84
		kW	3.16	3.19	3.23	3.23	3.23	3.26	3.29	3.32	3.39	3.39	3.39	3.39	/	3.41	3.41	3.41
1550	15	TC	42.6	43.0	44.0	44.5	44.0	44.5	45.0	45.5	47.1	47.5	47.9	48.2	/	56.3	56.7	57.0
		S/T	0.74	0.80	0.89	0.99	0.62	0.84	0.90	0.94	0.41	0.58	0.75	0.92	/	0.40	0.54	0.68
		kW	1.95	1.97	1.99	1.99	1.99	2.01	2.03	2.05	2.02	2.06	2.11	2.15	/	2.54	2.57	2.59
	65	TC	44.6	45.0	46.1	46.5	46.1	46.5	47.1	47.5	49.4	49.7	50.1	50.3	/	58.4	58.8	59.1
		S/T	0.89	0.94	0.99	0.99	0.62	0.83	0.96	0.99	0.41	0.58	0.75	0.90	/	0.40	0.53	0.66
		kW	2.66	2.68	2.71	2.71	2.71	2.74	2.77	2.79	2.79	2.82	2.86	2.89	/	3.26	3.30	3.33
	75	TC	44.2	44.8	45.7	46.3	45.7	46.3	46.7	47.1	49.0	49.5	49.7	50.0	/	57.8	58.2	58.6
		S/T	0.89	0.94	0.99	0.99	0.62	0.83	0.96	0.99	0.41	0.58	0.75	0.91	/	0.40	0.54	0.68
		kW	2.78	2.81	2.84	2.84	2.84	2.87	2.90	2.93	2.94	2.96	2.99	3.02	/	3.47	3.50	3.54
	85	TC	43.4	43.9	44.9	45.4	44.9	45.4	45.9	46.4	48.1	48.5	48.9	49.2	/	56.4	56.9	57.2
		S/T	0.89	0.94	0.99	0.99	0.62	0.83	0.96	0.99	0.41	0.58	0.75	0.92	/	0.40	0.54	0.68
		kW	3.13	3.16	3.19	3.19	3.19	3.23	3.26	3.29	3.31	3.34	3.36	3.39	/	3.99	4.03	4.06
	95	TC	42.1	42.6	43.6	44.1	44.0	44.6	45.0	45.5	47.6	48.0	48.7	48.6	/	54.4	54.8	55.2
		S/T	0.89	0.94	0.99	0.99	0.62	0.84	0.96	0.99	0.41	0.58	0.76	0.92	/	0.40	0.54	0.69
		kW	3.72	3.76	3.80	3.80	3.80	3.85	3.89	3.93	3.94	3.97	4.00	4.03	/	4.42	4.45	4.52
	105	TC	38.7	39.1	40.1	40.5	40.1	40.5	40.9	41.4	43.0	43.3	43.6	43.8	/	48.8	49.4	50.0
		S/T	0.89	0.94	0.99	0.99	0.62	0.84	0.96	0.99	0.41	0.58	0.76	0.93	/	0.40	0.55	0.70
		kW	4.21	4.26	4.30	4.30	4.30	4.35	4.40	4.44	4.46	4.50	4.54	4.57	/	5.16	5.18	5.18
	115	TC	33.2	33.6	34.3	34.8	34.3	34.8	35.2	35.5	37.0	37.2	37.3	37.3	/	38.6	38.7	38.8

Product Specifications

YDC60 + JDU48 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
1700	15	TC	45.2	45.8	46.8	47.2	46.8	47.2	47.8	48.3	50.1	50.4	50.9	51.2	/	59.5	59.9	60.3
		S/T	0.76	0.82	1.00	1.00	0.64	0.87	0.93	0.97	0.41	0.60	0.78	0.96	/	0.40	0.56	0.71
		kW	2.37	2.40	2.43	2.43	2.43	2.46	2.48	2.51	2.46	2.51	2.56	2.61	/	3.10	3.13	3.15
	65	TC	47.3	47.9	49.0	49.5	49.0	49.5	50.1	50.5	52.5	52.9	53.3	53.5	/	61.6	62.0	62.4
		S/T	0.91	0.95	1.00	1.00	0.63	0.86	0.98	1.00	0.41	0.59	0.77	0.94	/	0.40	0.55	0.70
		kW	3.00	3.03	3.07	3.07	3.07	3.11	3.14	3.17	3.17	3.20	3.23	3.26	/	3.66	3.69	3.74
	75	TC	47.3	47.7	48.8	49.3	48.8	49.3	49.8	50.4	52.3	52.6	53.0	53.3	/	61.1	61.5	62.3
		S/T	0.90	0.95	1.00	1.00	0.63	0.86	0.98	1.00	0.41	0.60	0.77	0.95	/	0.40	0.55	0.70
		kW	3.10	3.13	3.17	3.17	3.17	3.20	3.23	3.27	3.28	3.31	3.33	3.36	/	3.84	3.88	3.89
	85	TC	46.3	46.9	47.9	48.3	47.9	48.3	48.9	49.5	51.3	51.7	52.1	52.3	/	59.7	60.1	60.4
		S/T	0.91	0.95	1.00	1.00	0.64	0.86	0.98	1.00	0.41	0.60	0.78	0.96	/	0.40	0.56	0.71
		kW	3.44	3.48	3.51	3.51	3.51	3.55	3.59	3.62	3.64	3.66	3.70	3.73	/	4.36	4.40	4.43
	95	TC	44.7	45.2	46.3	46.9	46.3	46.9	47.3	47.7	49.6	49.9	50.4	50.4	/	57.4	57.8	58.1
		S/T	0.91	0.95	1.00	1.00	0.64	0.87	0.98	1.00	0.41	0.60	0.78	0.96	/	0.40	0.56	0.72
		kW	4.04	4.09	4.13	4.13	4.13	4.18	4.22	4.26	4.28	4.32	4.35	4.38	/	4.83	4.87	4.90
	105	TC	40.8	41.2	42.2	42.6	42.2	42.6	43.1	43.6	45.2	45.6	45.9	46.0	/	50.5	50.8	51.7
		S/T	0.90	0.95	1.00	1.00	0.64	0.87	0.98	1.00	0.41	0.60	0.81	0.96	/	0.40	0.57	0.74
		kW	4.57	4.62	4.68	4.68	4.68	4.73	4.77	4.82	4.85	4.89	4.92	4.95	/	5.26	5.30	5.26
	115	TC	34.2	34.6	35.4	35.6	35.4	35.6	36.1	36.5	38.2	38.3	38.5	38.5	/	39.4	39.5	39.7
		S/T	0.91	0.95	1.00	1.00	0.65	0.90	0.98	1.00	0.41	0.63	0.84	1.00	/	0.41	0.64	0.84
		kW	4.48	4.52	4.57	4.57	4.57	4.62	4.66	4.71	4.77	4.79	4.81	4.82	/	4.95	4.96	4.97
	125	TC	25.8	26.1	26.8	27.0	26.8	27.0	27.3	27.6	28.9	28.9	29.0	29.0	/	30.8	30.9	30.9
		S/T	0.92	0.96	1.00	1.00	0.72	1.00	1.00	1.00	0.42	0.72	0.99	1.00	/	0.42	0.72	1.00
		kW	3.45	3.49	3.53	3.53	3.53	3.57	3.60	3.64	3.71	3.71	3.71	3.71	/	3.73	3.73	3.73
1850	15	TC	48.0	48.6	49.8	50.2	49.8	50.2	50.8	51.4	53.4	53.7	54.1	54.6	/	62.7	63.1	63.5
		S/T	0.79	0.84	1.00	1.00	0.64	0.89	0.95	1.00	0.41	0.61	0.81	0.97	/	0.40	0.56	0.73
		kW	2.80	2.83	2.87	2.87	2.87	2.90	2.93	2.96	2.91	2.97	3.02	3.07	/	3.66	3.69	3.72
	65	TC	50.2	50.7	51.9	52.4	51.9	52.4	52.9	53.5	55.6	55.9	56.3	56.7	/	65.1	65.5	65.9
		S/T	0.92	0.96	1.00	1.00	0.64	0.87	1.00	1.00	0.41	0.60	0.78	0.96	/	0.40	0.56	0.72
		kW	3.31	3.34	3.38	3.38	3.38	3.42	3.45	3.49	3.49	3.52	3.55	3.59	/	4.02	4.05	4.08
	75	TC	50.5	50.9	52.1	52.7	52.1	52.7	53.2	53.8	55.9	56.3	56.7	57.1	/	65.3	65.7	66.1
		S/T	0.92	0.96	1.00	1.00	0.64	0.87	1.00	1.00	0.41	0.60	0.78	0.96	/	0.40	0.56	0.72
		kW	3.29	3.33	3.36	3.36	3.36	3.40	3.43	3.47	3.49	3.51	3.54	3.58	/	4.09	4.12	4.15
	85	TC	49.1	49.7	50.8	51.4	50.8	51.4	51.9	52.5	54.6	54.9	55.3	55.6	/	63.2	63.6	63.9
		S/T	0.92	0.96	1.00	1.00	0.64	0.89	1.00	1.00	0.41	0.61	0.79	0.97	/	0.40	0.57	0.73
		kW	3.76	3.80	3.84	3.84	3.84	3.88	3.92	3.96	3.98	4.01	4.05	4.08	/	4.75	4.78	4.81
	95	TC	47.4	47.8	49.0	49.5	49.0	49.5	50.1	50.6	52.5	52.9	53.2	53.5	/	60.4	60.8	61.1
		S/T	0.92	0.96	1.00	1.00	0.65	0.89	1.00	1.00	0.41	0.61	0.81	0.98	/	0.40	0.57	0.74
		kW	4.40	4.45	4.49	4.49	4.49	4.55	4.60	4.64	4.67	4.70	4.74	4.77	/	5.23	5.25	5.29
	105	TC	42.8	43.3	44.3	44.8	44.3	44.8	45.3	45.8	47.5	47.8	48.1	48.4	/	51.3	53.0	53.3
		S/T	0.92	0.96	1.00	1.00	0.65	0.90	1.00	1.00	0.41	0.61	0.82	1.00	/	0.40	0.60	0.76
		kW	4.91	4.96	5.01	5.01	5.01	5.06	5.12	5.17	5.21	5.24	5.28	5.31	/	5.36	5.38	5.40
	115	TC	35.6	35.9	36.7	37.1	36.7	37.1	37.4	37.8	39.5	39.7	39.9	40.1	/	40.8	40.9	41.0
		S/T	0.92	0.96	1.00	1.00	0.66	0.93	1.00	1.00	0.41	0.65	0.88	1.00	/	0.41	0.65	0.89
		kW	4.73	4.78	4.84	4.84	4.84	4.89	4.94	4.99	5.06	5.07	5.10	5.11	/	5.21	5.20	5.22
	125	TC	26.3	26.6	27.3	27.5	27.3	27.5	27.8	28.1	29.4	29.4	29.5	29.5	/	31.4	31.5	31.6
		S/T	0.93	0.97	1.00	1.00	0.74	1.00	1.00	1.00	0.42	0.74	0.99	1.00	/	0.43	0.75	1.00
		kW	3.60	3.64	3.67	3.67	3.67	3.71	3.75	3.79	3.87	3.87	3.87	3.87	/	3.89	3.89	3.89

Table 5

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

4.3 5 Ton YDC + JDU Series – Cooling Mode

YDC60 + JDU60 For Cooling																		
Indoor Airflow - CFM	Outdoor DB - °F	IWB - °F IDB - °F	59				63				67				71			
1200	15	TC	37.30	37.80	38.60	39.00	38.60	39.00	39.40	39.90	41.30	41.60	42.00	42.40	/	49.50	49.90	50.80
		S/T	0.68	0.73	0.81	0.99	0.61	0.80	0.84	0.90	0.42	0.55	0.71	0.86	/	0.40	0.52	0.64
		kW	1.66	1.68	1.69	1.69	1.69	1.71	1.73	1.74	1.73	1.76	1.78	1.81	/	2.41	2.44	2.44
	65	TC	37.40	37.80	38.70	39.10	38.70	39.10	39.50	39.90	41.40	41.70	42.10	42.50	/	49.60	50.00	50.90
		S/T	0.80	0.85	0.94	0.99	0.61	0.80	0.92	0.96	0.42	0.55	0.71	0.86	/	0.40	0.52	0.64
		kW	2.05	2.09	2.11	2.11	2.11	2.13	2.15	2.17	2.16	2.19	2.22	2.24	/	2.84	2.87	2.87
	75	TC	37.20	37.60	38.50	38.90	38.50	38.90	39.30	39.70	41.10	41.40	41.80	42.20	/	49.90	50.30	50.80
		S/T	0.80	0.85	0.94	0.99	0.61	0.80	0.93	0.97	0.42	0.55	0.72	0.86	/	0.40	0.52	0.64
		kW	2.21	2.23	2.25	2.25	2.25	2.28	2.30	2.32	2.32	2.34	2.37	2.40	/	2.68	2.71	2.73
	85	TC	36.80	37.20	38.10	38.50	38.10	38.50	38.90	39.30	40.70	41.10	41.40	41.80	/	49.10	49.50	49.90
		S/T	0.80	0.85	0.94	0.99	0.61	0.80	0.93	0.97	0.42	0.55	0.72	0.86	/	0.40	0.52	0.65
		kW	2.34	2.36	2.39	2.39	2.39	2.41	2.44	2.46	2.47	2.49	2.51	2.54	/	3.05	3.08	3.10
	95	TC	36.50	36.80	37.70	38.10	37.70	38.10	38.60	39.00	40.30	40.70	41.00	41.40	/	48.40	48.70	49.10
		S/T	0.81	0.86	0.94	0.99	0.61	0.80	0.93	0.97	0.41	0.55	0.72	0.88	/	0.40	0.52	0.65
		kW	2.83	2.86	2.89	2.89	2.89	2.92	2.95	2.98	2.98	3.01	3.04	3.06	/	3.66	3.69	3.72
	105	TC	33.46	33.86	34.65	34.95	34.65	34.95	35.34	35.74	37.03	37.32	37.62	37.92	/	44.25	44.65	44.85
		S/T	0.81	0.86	0.94	0.99	0.61	0.81	0.93	0.97	0.41	0.57	0.74	0.88	/	0.40	0.52	0.66
		kW	3.48	3.51	3.55	3.55	3.55	3.58	3.62	3.66	3.68	3.71	3.74	3.77	/	4.48	4.51	4.55
	115	TC	32.97	33.36	34.16	34.55	34.16	34.55	34.85	35.24	36.43	36.73	37.13	37.42	/	38.00	38.19	38.47
		S/T	0.81	0.86	0.94	0.99	0.61	0.81	0.96	0.99	0.41	0.57	0.73	0.89	/	0.41	0.53	0.69
		kW	4.14	4.18	4.22	4.22	4.22	4.27	4.31	4.36	4.37	4.41	4.45	4.48	/	4.54	4.55	4.55
	125	TC	25.94	26.14	26.83	27.13	26.83	27.13	27.42	27.72	29.11	29.21	29.21	29.30	/	30.99	30.99	31.09
		S/T	0.82	0.88	0.95	0.99	0.62	0.84	0.96	0.99	0.42	0.61	0.80	0.99	/	0.41	0.60	0.79
		kW	3.27	3.30	3.33	3.33	3.33	3.37	3.41	3.45	3.51	3.51	3.51	3.51	/	3.54	3.54	3.54
1350	15	TC	39.70	40.20	41.10	41.50	41.10	41.50	41.90	42.40	43.80	44.20	44.60	45.00	/	53.40	53.90	54.30
		S/T	0.72	0.76	0.85	0.99	0.61	0.82	0.84	0.90	0.41	0.57	0.74	0.89	/	0.40	0.52	0.66
		kW	1.77	1.79	1.80	1.80	1.80	1.82	1.85	1.87	1.86	1.88	1.91	1.94	/	2.45	2.48	2.49
	65	TC	39.90	40.40	41.30	41.70	41.30	41.70	42.20	42.70	44.00	44.40	44.80	45.20	/	53.60	54.10	54.50
		S/T	0.84	0.90	0.97	0.99	0.61	0.82	0.94	0.99	0.41	0.57	0.74	0.89	/	0.40	0.52	0.66
		kW	2.27	2.30	2.32	2.32	2.32	2.34	2.36	2.39	2.38	2.40	2.44	2.47	/	2.87	2.90	2.93
	75	TC	40.00	40.50	41.40	41.80	41.40	41.80	42.30	42.80	44.10	44.50	44.90	45.30	/	53.20	53.70	54.10
		S/T	0.83	0.89	0.96	0.99	0.61	0.82	0.94	0.99	0.41	0.57	0.74	0.89	/	0.40	0.52	0.66
		kW	2.41	2.43	2.47	2.47	2.47	2.49	2.52	2.54	2.54	2.56	2.59	2.62	/	3.06	3.09	3.12
	85	TC	39.50	40.00	40.90	41.40	40.90	41.40	41.80	42.20	43.70	44.00	44.40	44.70	/	52.50	52.90	53.20
		S/T	0.83	0.89	0.96	0.99	0.61	0.82	0.94	0.99	0.41	0.57	0.74	0.90	/	0.40	0.52	0.66
		kW	2.66	2.69	2.73	2.73	2.73	2.75	2.78	2.81	2.82	2.84	2.86	2.89	/	3.45	3.48	3.51
	95	TC	39.00	39.50	40.40	40.80	40.40	40.80	41.30	41.70	43.20	43.40	43.80	44.10	/	51.40	51.80	52.20
		S/T	0.83	0.89	0.96	0.99	0.61	0.82	0.94	0.99	0.41	0.57	0.74	0.90	/	0.40	0.53	0.68
		kW	3.20	3.23	3.27	3.27	3.27	3.30	3.33	3.37	3.37	3.41	3.44	3.47	/	4.11	4.15	4.18
	105	TC	35.74	36.23	36.93	37.32	36.93	37.32	37.82	38.12	39.60	39.90	40.10	40.39	/	46.93	47.12	47.42
		S/T	0.83	0.89	0.96	0.99	0.62	0.83	0.94	0.99	0.41	0.58	0.74	0.91	/	0.40	0.53	0.69
		kW	3.79	3.83	3.88	3.88	3.88	3.92	3.96	4.00	4.01	4.05	4.08	4.12	/	4.88	4.92	4.95
	115	TC	34.06	34.45	35.15	35.54	35.15	35.54	36.04	36.33	37.92	38.12	38.21	38.02	/	39.08	39.27	39.46
		S/T	0.84	0.90	0.97	0.99	0.62	0.83	0.94	0.99	0.41	0.58	0.74	0.94	/	0.41	0.55	0.73
		kW	4.24	4.28	4.34	4.34	4.34	4.38	4.43	4.47	4.55	4.57	4.57	4.55	/	4.61	4.61	4.61
	125	TC	26.14	26.53	27.13	27.52	27.13	27.52	27.72	27.92	29.40	29.40	29.50	29.50	/	31.19	31.28	31.28
		S/T	0.86	0.92	0.99	0.99	0.64	0.90	0.94	0.99	0.42	0.63	0.85	0.99	/	0.42	0.62	0.84
		kW	3.32	3.35	3.40	3.40	3.40	3.43	3.47	3.50	3.57	3.57	3.57	3.57	/	3.59	3.59	3.59
1550	15	TC	44.79	45.31	46.33	46.84	46.33	46.84	47.36	47.87	49.61	50.02	50.43	50.74	/	59.23	59.64	60.05
		S/T	0.74	0.80	0.89	0.99	0.62	0.84	0.90	0.94	0.41	0.57	0.74	0.91	/	0.40	0.53	0.68
		kW	2.05	2.07	2.10	2.10	2.10	2.12	2.14	2.16	2.13	2.17	2.22	2.26	/	2.68	2.71	2.73
	65	TC	46.95	47.36	48.48	49.00	48.48	49.00	49.61	50.02	51.97	52.28	52.69	52.99	/	61.48	61.89	62.20
		S/T	0.89	0.94	0.99	0.99	0.62	0.83	0.96	0.99	0.41	0.57	0.74	0.89	/	0.40	0.52	0.66
		kW	2.80	2.82	2.85	2.85	2.85	2.89	2.92	2.94	2.94	2.97	3.01	3.04	/	3.43	3.48	3.51
	75	TC	46.54	47.15	48.07	48.69	48.07	48.69	49.20	49.61	51.56	52.07	52.28	52.58	/	60.87	61.28	61.69
		S/T	0.89	0.94	0.99	0.99	0.62	0.83	0.96	0.99	0.41	0.57	0.74	0.90	/	0.40	0.53	0.68
		kW	2.93	2.96	2.99	2.99	2.99	3.02	3.06	3.09	3.10	3.12	3.15	3.17	/	3.65	3.68	3.73
	85	TC	45.72	46.23	47.25	47.77	47.25	47.77	48.28	48.79	50.64	51.05	51.46	51.76	/	59.33	59.85	60.25
		S/T	0.89	0.94	0.99	0.99	0.62	0.83	0.96	0.99	0.41	0.57	0.74	0.91	/	0.40	0.53	0.68
		kW	3.29	3.32	3.35	3.35	3.35	3.40	3.43	3.46	3.48	3.51	3.54	3.57	/	4.20	4.24	4.27
	95	TC	44.79	45.31	46.33	46.95	46.33	46.95	47.36	47.87	49.61	50.02	50.43	50.64	/	57.90	58.31	58.72
		S/T	0.89	0.94	0.99	0.99	0.62	0.84	0.96	0.99	0.41	0.57	0.75	0.91	/	0.40	0.53	0.69
		kW	3.90	3.94	3.98	3.98	3.98	4.03	4.07	4.11	4.12	4.15	4.19	4.22	/	4.96	4.99	5.03
	105	TC	41.21	41.62	42.64	43.05	42.64	43.05	43.56	44.08	45.72	46.02	46.33	46.55	/	51.94	52.56	53.20
		S/T	0.89	0.94	0.99	0.99	0.62	0.84	0.96	0.99	0.41	0.58	0.75	0.93	/	0.40	0.54	0.70
		kW	4.68	4.74	4.78	4.78	4.78	4.83	4.89	4.93	4.95	5.00	5.04	5.07	/	5.93	5.95	5.95
	115	TC	35.36	35.77	36.49	37.00	36.49	37.00	37.41	37.72	39.36	39.57	39.67	39.69	/	41.02	41.12	41.33
		S/T	0.89	0.														

Product Specifications

YDC60 + JDU60 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
1700	15	TC	47.56	48.18	49.30	49.71	49.30	49.71	50.33	50.84	52.69	53.10	53.61	53.91	/	62.61	63.02	63.43
		S/T	0.76	0.82	1.00	1.00	0.64	0.87	0.93	0.97	0.41	0.59	0.77	0.95	/	0.40	0.55	0.71
		kW	2.50	2.53	2.55	2.55	2.55	2.59	2.61	2.64	2.59	2.64	2.69	2.75	/	3.26	3.29	3.31
	65	TC	49.82	50.43	51.56	52.07	51.56	52.07	52.69	53.20	55.25	55.66	56.07	56.37	/	64.86	65.27	65.68
		S/T	0.91	0.95	1.00	1.00	0.63	0.86	0.98	1.00	0.41	0.58	0.76	0.93	/	0.40	0.54	0.70
		kW	3.16	3.19	3.23	3.23	3.23	3.27	3.30	3.34	3.34	3.37	3.40	3.43	/	3.86	3.89	3.93
	75	TC	49.76	50.17	51.40	51.92	51.40	51.92	52.43	53.05	55.01	55.42	55.83	56.14	/	64.36	64.77	65.59
		S/T	0.90	0.95	1.00	1.00	0.63	0.86	0.98	1.00	0.41	0.59	0.76	0.94	/	0.40	0.54	0.70
		kW	3.26	3.29	3.33	3.33	3.33	3.36	3.40	3.44	3.45	3.48	3.50	3.53	/	4.04	4.08	4.08
	85	TC	48.72	49.34	50.37	50.89	50.37	50.89	51.51	52.12	53.98	54.39	54.80	55.00	/	62.82	63.23	63.54
		S/T	0.91	0.95	1.00	1.00	0.64	0.86	0.98	1.00	0.41	0.59	0.77	0.95	/	0.40	0.55	0.71
		kW	3.62	3.66	3.69	3.69	3.69	3.73	3.78	3.81	3.83	3.85	3.89	3.92	/	4.59	4.63	4.66
	95	TC	47.59	48.11	49.24	49.86	49.24	49.86	50.27	50.79	52.74	53.05	53.57	53.67	/	61.07	61.48	61.79
		S/T	0.91	0.95	1.00	1.00	0.64	0.87	0.98	1.00	0.41	0.59	0.77	0.95	/	0.40	0.55	0.72
		kW	4.25	4.30	4.35	4.35	4.35	4.40	4.44	4.48	4.50	4.55	4.58	4.61	/	5.37	5.41	5.44
	105	TC	43.36	43.87	44.90	45.31	44.90	45.31	45.82	46.33	48.07	48.48	48.79	48.90	/	53.71	54.01	55.00
		S/T	0.90	0.95	1.00	1.00	0.64	0.87	0.98	1.00	0.41	0.60	0.80	0.96	/	0.40	0.56	0.74
		kW	5.08	5.13	5.20	5.20	5.20	5.25	5.30	5.36	5.39	5.43	5.47	5.50	/	6.05	6.09	6.09
	115	TC	36.39	36.80	37.62	37.93	37.62	37.93	38.44	38.85	40.59	40.80	41.00	40.92	/	41.94	42.05	42.25
		S/T	0.91	0.95	1.00	1.00	0.65	0.90	0.98	1.00	0.41	0.63	0.84	1.00	/	0.41	0.63	0.84
		kW	4.71	4.76	4.81	4.81	4.81	4.86	4.91	4.96	5.02	5.05	5.07	5.08	/	5.21	5.22	5.23
	125	TC	27.47	27.78	28.50	28.70	28.50	28.70	29.01	29.32	30.75	30.75	30.85	30.89	/	32.74	32.84	32.84
		S/T	0.92	0.96	1.00	1.00	0.72	1.00	1.00	1.00	0.42	0.72	0.99	1.00	/	0.42	0.71	1.00
		kW	3.64	3.67	3.71	3.71	3.71	3.76	3.79	3.83	3.91	3.91	3.91	3.91	/	3.93	3.93	3.93
1850	15	TC	50.54	51.17	52.42	52.83	52.42	52.83	53.46	54.08	56.16	56.58	56.99	57.51	/	66.04	66.46	66.87
		S/T	0.79	0.84	1.00	1.00	0.64	0.89	0.95	1.00	0.41	0.60	0.80	0.96	/	0.40	0.55	0.73
		kW	2.95	2.98	3.02	3.02	3.02	3.05	3.08	3.11	3.06	3.13	3.18	3.24	/	3.85	3.88	3.92
	65	TC	52.83	53.35	54.60	55.12	54.60	55.12	55.64	56.26	58.55	58.86	59.28	59.70	/	68.54	68.95	69.37
		S/T	0.92	0.96	1.00	1.00	0.64	0.87	1.00	1.00	0.41	0.59	0.77	0.95	/	0.40	0.55	0.72
		kW	3.49	3.52	3.55	3.55	3.55	3.60	3.63	3.67	3.67	3.71	3.74	3.78	/	4.23	4.27	4.30
	75	TC	53.15	53.57	54.83	55.46	54.83	55.46	55.99	56.62	58.82	59.24	59.66	60.08	/	68.70	69.12	69.54
		S/T	0.92	0.96	1.00	1.00	0.64	0.87	1.00	1.00	0.41	0.59	0.77	0.95	/	0.40	0.55	0.72
		kW	3.46	3.51	3.54	3.54	3.54	3.58	3.61	3.66	3.68	3.70	3.73	3.76	/	4.30	4.33	4.37
	85	TC	51.68	52.31	53.47	54.10	53.47	54.10	54.62	55.25	57.46	57.77	58.19	58.51	/	66.49	66.91	67.23
		S/T	0.92	0.96	1.00	1.00	0.64	0.89	1.00	1.00	0.41	0.60	0.78	0.96	/	0.40	0.56	0.73
		kW	3.96	4.00	4.04	4.04	4.04	4.09	4.13	4.17	4.19	4.23	4.26	4.29	/	5.00	5.03	5.06
	95	TC	50.42	50.84	52.10	52.63	52.10	52.63	53.26	53.78	55.88	56.30	56.62	56.93	/	64.28	64.70	65.02
		S/T	0.92	0.96	1.00	1.00	0.65	0.89	1.00	1.00	0.41	0.60	0.80	0.97	/	0.40	0.56	0.74
		kW	4.63	4.69	4.73	4.73	4.73	4.78	4.84	4.88	4.91	4.95	4.99	5.02	/	5.81	5.84	5.88
	105	TC	45.55	46.07	47.11	47.63	47.11	47.63	48.15	48.67	50.54	50.86	51.17	51.48	/	54.53	56.36	56.68
		S/T	0.92	0.96	1.00	1.00	0.65	0.90	1.00	1.00	0.41	0.61	0.81	1.00	/	0.40	0.59	0.76
		kW	5.45	5.51	5.57	5.57	5.57	5.63	5.69	5.74	5.79	5.82	5.86	5.90	/	6.17	6.18	6.21
	115	TC	37.86	38.17	39.00	39.52	39.00	39.52	39.83	40.25	42.02	42.22	42.43	42.64	/	43.37	43.47	43.58
		S/T	0.92	0.96	1.00	1.00	0.66	0.93	1.00	1.00	0.41	0.65	0.88	1.00	/	0.41	0.64	0.89
		kW	4.98	5.03	5.09	5.09	5.09	5.14	5.20	5.25	5.33	5.34	5.36	5.37	/	5.48	5.49	5.49
	125	TC	27.98	28.29	29.02	29.22	29.02	29.22	29.54	29.85	31.30	31.30	31.41	31.41	/	33.38	33.49	33.59
		S/T	0.93	0.97	1.00	1.00	0.74	1.00	1.00	1.00	0.42	0.74	0.99	1.00	/	0.43	0.74	1.00
		kW	3.78	3.83	3.86	3.86	3.86	3.90	3.95	3.99	4.07	4.07	4.07	4.07	/	4.09	4.09	4.09

Table 7

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

4.4 3 Ton YDC + JDU Series – Heating Mode

YDC36 + JDU36 For Heating																				
Airflow - CFM	ID - °F	OD - °F	86	72	67	62	57	52	47	42	37	32	27	22	17	12	7	2	-4	-10
800	60	TC	31.6	31.3	33.5	35.4	35.0	36.7	35.6	36.4	37.5	37.4	38.5	36.4	34.9	34.7	34.5	34.1	29.2	27.9
		kW	1.5	1.8	2.0	2.2	2.5	3.0	3.0	3.0	3.0	3.3	3.5	4.3	4.2	4.3	4.6	4.9	4.8	4.4
	70	TC	24.6	21.1	24.3	21.4	19.5	25.0	31.6	33.3	22.0	28.3	33.1	31.2	29.9	29.6	29.3	29.2	23.6	24.4
		kW	1.4	1.4	1.6	1.5	1.5	1.9	3.0	3.1	2.1	2.7	4.4	4.3	4.4	4.7	5.1	4.9	4.5	4.2
	75	TC	24.3	21.0	20.1	19.9	18.3	22.7	22.4	30.9	21.0	26.5	31.8	29.2	27.9	27.8	27.6	25.7	22.2	21.9
		kW	1.4	1.4	1.4	1.4	1.5	1.8	1.9	3.1	2.0	2.6	4.5	4.4	4.5	4.8	5.2	5.0	4.6	4.3
	80	TC	24.2	20.8	20.0	19.1	17.7	19.9	19.7	22.4	19.6	25.7	27.9	27.3	24.8	25.6	26.4	24.6	19.0	20.0
		kW	1.5	1.5	1.4	1.4	1.4	1.6	1.7	2.0	1.9	2.8	4.3	4.5	4.6	4.9	5.3	5.1	4.6	4.3
1000	60	TC	40.4	44.1	47.5	46.4	41.4	39.0	37.0	37.8	41.0	38.1	42.5	39.8	37.8	38.0	38.2	37.4	31.7	29.2
		kW	2.0	2.5	3.0	3.1	3.0	3.0	2.9	3.0	3.5	3.4	4.3	4.1	4.3	4.6	4.9	4.7	4.3	4.1
	70	TC	26.8	27.2	28.7	30.3	31.8	36.3	34.8	36.2	35.1	36.2	37.7	35.4	33.8	33.2	32.5	31.9	27.0	26.7
		kW	1.4	1.7	1.8	2.0	2.3	3.0	3.0	3.1	3.1	3.5	4.4	4.3	4.4	4.7	5.0	4.9	4.5	4.2
	75	TC	24.5	21.0	23.1	20.7	20.7	27.5	32.8	34.6	32.1	30.5	34.5	32.3	30.7	30.5	30.2	29.4	23.4	24.6
		kW	1.4	1.4	1.6	1.5	1.7	2.2	3.0	3.1	2.9	3.0	4.5	4.3	4.5	4.8	5.1	5.0	4.5	4.3
	80	TC	24.3	20.9	20.0	20.4	18.4	22.7	22.1	32.1	25.2	27.4	32.0	30.0	28.4	28.2	27.9	25.7	21.7	21.4
		kW	1.5	1.5	1.5	1.5	1.5	1.9	1.9	3.2	2.4	2.7	4.6	4.4	4.6	4.9	5.2	5.0	4.6	4.3
1100	60	TC	45.6	50.9	49.9	47.5	41.8	39.3	37.3	37.9	41.1	38.1	43.7	40.8	38.6	39.0	39.5	38.6	32.5	29.3
		kW	2.2	3.0	3.1	3.1	2.9	2.9	2.9	2.9	3.4	3.3	4.2	4.1	4.2	4.5	4.8	4.7	4.3	4.0
	70	TC	31.2	31.5	33.7	38.5	39.6	37.6	35.9	36.6	38.8	37.4	39.4	36.8	35.0	34.7	34.4	33.6	28.6	27.4
		kW	1.6	1.9	2.1	2.5	3.0	3.0	3.0	3.1	3.5	3.5	4.4	4.2	4.4	4.7	5.0	4.8	4.4	4.1
	75	TC	24.5	23.8	24.0	24.6	28.6	32.7	34.2	35.6	31.6	34.7	36.5	34.1	32.5	31.5	30.5	29.6	25.0	25.5
		kW	1.4	1.5	1.6	1.7	2.1	2.6	3.0	3.1	2.9	3.4	4.4	4.3	4.4	4.7	5.0	4.9	4.5	4.2
	80	TC	24.2	20.8	19.9	22.5	23.1	23.6	31.8	33.9	29.1	30.5	32.8	30.5	29.0	28.6	28.3	27.1	22.9	22.8
		kW	1.4	1.4	1.4	1.6	1.8	1.9	3.1	3.1	2.7	3.0	4.5	4.3	4.5	4.8	5.1	5.0	4.6	4.3
1200	60	TC	50.1	52.1	50.9	48.1	42.4	39.8	37.7	38.4	41.3	38.5	44.6	41.6	39.3	40.0	40.7	39.6	33.2	29.7
		kW	2.5	3.1	3.1	3.1	3.0	2.9	2.9	2.9	3.4	3.3	4.3	4.1	4.3	4.6	4.9	4.7	4.3	4.1
	70	TC	35.3	35.9	40.1	45.8	40.4	38.4	36.4	37.1	39.9	37.8	41.0	38.2	36.2	36.1	36.0	35.2	29.7	28.1
		kW	1.8	2.2	2.5	3.2	3.1	3.1	3.0	3.1	3.6	3.6	4.4	4.3	4.4	4.7	5.0	4.9	4.5	4.2
	75	TC	26.7	26.6	26.9	32.7	33.4	37.0	35.3	36.3	36.3	36.3	38.2	35.7	33.9	33.1	32.3	31.3	26.3	26.4
		kW	1.5	1.7	1.8	2.2	2.5	3.1	3.1	3.2	3.3	3.5	4.5	4.3	4.5	4.8	5.1	5.0	4.6	4.3
	80	TC	24.5	21.4	20.1	20.3	23.6	25.6	33.5	34.7	31.5	30.7	34.7	32.2	30.6	30.1	29.5	28.6	24.0	23.8
		kW	1.5	1.5	1.5	1.6	1.9	2.1	3.1	3.2	2.9	3.1	4.6	4.4	4.6	4.9	5.2	5.1	4.7	4.3
1350	60	TC	56.9	52.8	51.5	48.7	42.9	40.2	38.0	38.7	41.6	38.6	45.5	42.3	39.9	40.8	41.8	40.5	33.9	30.1
		kW	2.9	3.1	3.1	3.1	3.0	2.9	2.9	2.9	3.4	3.3	4.3	4.1	4.3	4.6	4.9	4.8	4.4	4.1
	70	TC	40.1	49.4	49.4	47.0	41.5	39.0	36.9	37.6	40.9	38.0	42.7	39.8	37.8	37.9	38.0	37.0	30.9	28.9
		kW	2.1	3.1	3.2	3.2	3.1	3.1	3.1	3.1	3.7	3.5	4.4	4.3	4.4	4.7	5.0	4.9	4.5	4.2
	75	TC	31.8	31.5	33.7	43.7	40.1	38.2	36.2	36.9	39.3	37.6	40.2	37.6	35.5	35.1	34.7	33.7	28.2	27.3
		kW	1.8	2.0	2.2	3.1	3.1	3.1	3.1	3.2	3.6	3.7	4.5	4.4	4.5	4.8	5.1	5.0	4.6	4.3
	80	TC	24.6	21.4	22.9	23.8	28.1	36.6	35.0	35.9	32.1	35.7	37.2	34.5	32.6	32.2	31.8	28.8	24.0	25.2
		kW	1.5	1.6	1.7	1.8	2.2	3.2	3.2	3.2	3.3	3.0	3.6	4.6	4.4	4.6	4.9	5.2	5.1	4.7

Table 8

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

4.5 4 Ton YDC + JDU Series – Heating Mode

YDC60 + JDU48 For Heating																				
Airflow - CFM	ID - °F	OD - °F	86	72	67	62	57	52	47	42	37	32	27	22	17	12	7	2	-4	-10
1200	60	TC	42.4	43.2	44.2	42.9	42.2	41.2	44.4	44.9	44.8	44.7	45.9	44.8	43.5	41.6	39.9	36.8	33.3	30.6
		KW	2.1	2.5	2.7	2.9	3.2	3.4	3.7	4.2	4.5	4.3	4.5	5.2	5.0	5.2	5.0	4.9	4.4	4.4
	70	TC	33.9	34.6	35.4	34.4	35.1	35.9	35.0	35.3	36.4	36.2	37.2	37.2	36.6	35.3	34.1	33.1	30.3	27.8
		KW	1.8	1.9	2.0	2.1	2.3	2.5	2.7	3.0	3.3	3.5	3.6	3.8	3.8	4.2	4.1	4.1	3.5	3.5
	75	TC	28.0	28.6	29.3	28.4	29.1	29.7	29.0	29.3	30.2	30.2	32.5	34.5	32.7	34.3	32.4	30.3	28.3	26.0
		KW	1.5	1.6	1.7	1.8	2.0	2.1	2.2	2.5	2.7	2.9	3.2	3.4	3.7	4.2	3.9	3.9	3.3	3.3
	80	TC	22.5	23.0	23.6	22.9	23.4	23.9	23.3	23.6	24.2	24.2	26.6	27.9	26.4	29.0	28.6	28.3	27.3	25.1
		KW	1.3	1.4	1.5	1.5	1.6	1.7	1.9	2.0	2.2	2.3	2.5	2.8	3.0	3.5	3.8	4.2	4.0	4.0
1350	60	TC	45.9	46.9	48.1	47.1	46.3	45.8	48.3	49.9	47.9	46.6	47.8	45.6	45.6	45.9	44.1	41.0	37.7	31.4
		KW	2.2	2.8	3.1	3.3	3.6	3.9	4.2	4.6	4.4	4.3	4.6	4.9	4.6	5.0	5.0	5.1	4.5	4.5
	70	TC	36.7	37.5	38.5	37.7	38.6	39.8	38.8	38.8	39.8	39.8	41.4	40.2	41.8	40.5	40.4	38.1	35.3	29.4
		KW	1.7	2.1	2.2	2.4	2.6	2.9	3.1	3.4	3.6	3.9	4.3	4.7	4.7	5.2	5.5	5.5	4.8	4.8
	75	TC	30.4	31.1	31.8	31.2	31.9	32.9	32.1	32.3	33.3	33.3	35.8	36.1	36.3	38.4	38.7	36.6	33.6	28.8
		KW	1.5	1.8	1.9	2.0	2.2	2.4	2.5	2.8	3.0	3.2	3.5	3.8	4.7	5.2	5.4	5.4	4.8	4.8
	80	TC	24.4	24.9	25.6	25.1	25.7	26.4	25.9	26.0	26.7	26.7	28.8	31.1	29.2	33.2	33.9	32.5	32.0	26.7
		KW	1.5	1.7	1.8	1.9	2.1	2.2	2.4	2.6	2.9	3.1	3.3	3.5	4.0	4.7	4.8	4.6	4.5	4.5
1550	60	TC	54.1	54.7	54.8	54.7	54.5	53.1	53.9	53.7	51.7	50.9	50.8	49.0	47.2	47.6	47.5	44.9	41.2	34.7
		KW	2.4	3.2	3.4	3.8	3.7	3.7	4.0	4.3	4.2	4.1	4.3	4.7	5.1	4.8	4.9	4.9	4.3	4.3
	70	TC	43.3	43.7	43.8	43.7	45.4	46.1	46.9	46.1	45.5	45.0	45.1	43.3	44.2	45.2	44.3	41.3	36.2	32.3
		KW	1.5	2.1	2.3	2.6	2.8	3.1	3.4	3.7	4.0	4.2	4.3	4.5	5.1	6.1	6.0	5.7	5.1	5.1
	75	TC	34.7	35.1	35.1	34.9	36.6	37.4	37.8	36.9	39.4	41.3	39.1	39.1	38.9	39.9	41.1	39.2	35.3	31.5
		KW	1.2	1.6	1.8	2.0	2.2	2.4	2.7	2.9	3.5	4.2	4.6	5.1	5.5	6.2	6.0	5.8	5.1	5.1
	80	TC	26.4	26.7	26.7	26.7	27.9	28.4	30.1	28.8	30.8	31.9	32.7	33.5	33.9	38.0	39.4	37.5	34.0	30.5
		KW	1.1	1.5	1.7	1.9	2.1	2.3	2.5	2.7	3.3	3.9	4.4	4.8	5.6	6.0	5.9	5.7	5.0	5.0
1700	60	TC	58.6	59.2	59.3	60.3	57.4	55.8	55.8	55.1	52.9	52.1	52.1	50.1	52.0	52.7	51.3	47.9	42.8	35.7
		KW	2.6	3.4	3.7	4.1	4.1	3.9	3.9	3.8	3.8	4.4	4.5	4.7	5.1	5.9	5.8	5.6	5.2	5.2
	70	TC	46.9	47.3	47.4	48.3	47.8	48.5	49.1	48.1	48.7	49.1	48.7	48.6	48.8	49.4	50.2	46.5	41.4	34.8
		KW	1.8	2.4	2.6	2.8	3.1	3.3	3.6	4.0	4.2	4.8	4.8	4.9	5.6	6.6	6.8	6.7	6.1	6.0
	75	TC	38.4	38.8	38.8	39.3	39.3	40.1	40.4	41.2	42.7	45.3	47.1	47.2	46.0	47.6	46.9	44.3	39.4	33.1
		KW	1.5	1.9	2.1	2.3	2.5	2.7	3.0	3.2	3.7	4.9	4.9	5.0	5.7	6.7	6.8	6.6	6.0	5.9
	80	TC	30.2	30.5	30.5	31.1	31.0	31.5	31.8	32.9	34.2	36.0	36.8	40.4	41.6	43.9	44.9	43.6	37.9	31.9
		KW	1.3	1.6	1.7	1.8	2.0	2.7	2.9	3.2	3.6	5.0	5.0	5.1	5.8	6.8	6.7	6.5	6.0	6.0
1850	60	TC	64.2	64.9	65.0	64.9	61.7	58.9	57.7	55.7	54.7	53.5	54.7	56.6	55.5	55.4	52.8	49.9	44.5	38.7
		KW	3.0	3.8	4.0	4.3	4.3	4.2	4.1	4.1	4.1	4.2	4.6	4.8	5.2	5.8	5.9	5.6	5.3	5.3
	70	TC	51.4	51.9	52.0	51.9	51.4	51.2	51.3	51.7	52.8	52.1	50.9	51.5	51.3	52.2	52.0	49.1	42.9	36.1
		KW	2.1	2.7	2.9	3.1	3.3	3.6	3.9	4.4	4.4	4.5	4.9	5.0	5.7	6.4	6.6	6.5	5.9	5.9
	75	TC	42.8	43.2	43.2	43.1	43.1	43.1	43.0	44.0	46.8	48.4	49.6	50.5	49.2	50.4	47.9	45.1	42.0	35.3
		KW	1.8	2.2	2.4	2.5	2.8	3.0	3.2	3.5	4.0	4.6	4.9	5.1	5.9	6.6	6.7	6.3	6.0	6.0
	80	TC	34.5	34.9	34.9	34.9	34.8	34.7	34.7	35.9	38.3	39.3	40.2	43.5	43.2	47.0	46.3	44.4	40.5	34.1
		KW	1.6	1.9	2.0	2.1	2.2	2.9	3.1	3.5	3.9	4.7	5.0	5.2	6.0	6.7	6.6	6.5	6.1	6.1

Table 9

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

4.6 5 Ton YDC + JDU Series – Heating Mode

YDC60 + JDU60 For Heating																				
Airflow - CFM	ID - °F	OD - °F	86	72	67	62	57	52	47	42	37	32	27	22	17	12	7	2	-4	-10
1200	60	TC	44.1	45.0	46.1	45.2	44.4	43.4	46.7	47.2	47.2	47.0	48.4	47.1	45.8	43.8	42.5	39.6	35.8	33.2
		kW	2.2	2.6	2.9	3.1	3.4	3.6	3.9	4.4	4.8	4.5	4.8	5.6	5.4	5.6	5.5	5.4	4.8	4.7
	70	TC	35.3	36.0	36.9	36.2	37.0	37.8	36.8	37.2	38.3	38.1	39.2	39.2	38.5	37.1	36.3	35.6	32.6	30.2
		kW	1.8	2.0	2.1	2.3	2.5	2.7	2.9	3.2	3.5	3.8	3.8	4.1	4.1	4.6	4.5	4.4	3.8	3.8
	75	TC	29.2	29.8	30.5	29.9	30.6	31.2	30.5	30.8	31.7	31.7	34.2	36.3	34.4	36.1	34.5	32.5	30.4	28.2
		kW	1.6	1.7	1.8	1.9	2.1	2.2	2.4	2.6	2.9	3.1	3.4	3.7	3.9	4.5	4.3	4.2	3.6	3.6
	80	TC	23.4	23.9	24.5	24.1	24.7	25.1	24.6	24.8	25.5	25.5	28.0	29.4	27.8	30.5	30.4	30.4	29.3	27.2
		kW	1.4	1.4	1.5	1.6	1.7	1.8	2.0	2.2	2.3	2.5	2.7	2.9	3.1	3.8	4.2	4.5	4.3	4.3
1350	60	TC	48.3	49.3	50.6	49.6	48.7	48.2	50.8	52.5	50.4	49.0	50.3	48.0	48.0	48.3	46.9	44.0	40.5	34.1
		kW	2.4	3.0	3.2	3.5	3.8	4.2	4.4	4.9	4.7	4.5	4.9	5.2	4.9	5.4	5.5	5.5	4.8	4.8
	70	TC	38.7	39.5	40.5	39.7	40.6	41.9	40.9	40.8	41.8	41.8	43.6	42.3	44.0	42.6	43.0	41.0	37.9	31.9
		kW	1.8	2.2	2.3	2.5	2.8	3.1	3.3	3.6	3.9	4.2	4.6	5.0	5.0	5.7	6.0	5.9	5.2	5.2
	75	TC	32.0	32.7	33.5	32.9	33.6	34.7	33.8	34.0	35.0	35.0	37.7	38.0	38.2	40.4	41.2	39.3	36.1	31.2
		kW	1.6	1.9	2.0	2.1	2.3	2.5	2.6	3.0	3.2	3.4	3.7	4.0	5.0	5.6	5.9	5.9	5.2	5.2
	80	TC	25.7	26.3	26.9	26.4	27.1	27.8	27.3	27.4	28.1	28.1	30.4	32.8	30.8	34.9	36.1	34.9	34.4	28.9
		kW	1.5	1.8	1.9	2.0	2.2	2.4	2.5	2.8	3.0	3.3	3.5	3.8	4.2	5.1	5.3	5.0	4.9	4.9
1550	60	TC	57.6	58.2	58.3	58.2	58.0	56.4	57.4	57.6	55.1	54.4	54.6	51.6	49.7	50.1	50.5	47.7	44.3	37.6
		kW	2.5	3.4	3.6	4.0	4.0	3.9	4.2	4.6	4.4	4.3	4.6	5.0	5.5	5.2	5.4	5.3	4.7	4.7
	70	TC	46.1	46.5	46.6	46.5	48.3	49.1	49.9	48.6	47.9	47.3	47.5	45.6	46.6	47.6	47.1	43.9	38.9	35.1
		kW	1.6	2.3	2.4	2.7	2.9	3.2	3.6	3.9	4.3	4.5	4.6	4.8	5.5	6.7	6.6	6.2	5.5	5.5
	75	TC	36.9	37.3	37.3	37.1	39.0	39.8	40.2	38.9	41.5	43.5	41.1	41.1	40.9	42.0	43.7	41.7	37.9	34.2
		kW	1.3	1.7	1.9	2.1	2.3	2.6	2.8	3.0	3.7	4.4	4.9	5.4	5.9	6.7	6.6	6.3	5.6	5.6
	80	TC	28.1	28.4	28.4	28.4	29.7	30.2	31.9	30.3	32.4	33.6	34.4	35.3	35.7	40.0	41.9	39.9	36.5	33.1
		kW	1.2	1.6	1.8	2.0	2.2	2.5	2.7	2.9	3.5	4.2	4.6	5.1	6.0	6.6	6.5	6.2	5.5	5.5
1700	60	TC	63.0	63.6	63.7	64.9	61.7	60.0	60.0	58.6	56.3	55.4	55.4	53.3	55.3	56.1	53.4	49.9	46.5	38.8
		kW	2.8	3.7	3.9	4.4	4.4	4.2	4.2	4.0	4.1	4.6	4.8	5.0	5.4	6.4	6.3	6.0	5.6	5.6
	70	TC	50.4	50.9	51.0	51.9	51.4	52.2	52.8	51.2	51.8	52.2	51.8	51.6	51.9	52.5	52.2	48.4	44.9	37.8
		kW	2.0	2.6	2.8	3.1	3.3	3.6	3.9	4.3	4.5	5.1	5.1	5.2	6.0	7.1	7.4	7.2	6.7	6.5
	75	TC	41.3	41.7	41.7	42.3	42.3	43.1	43.5	43.8	45.5	48.2	50.1	50.2	48.9	50.6	48.9	46.2	42.7	36.0
		kW	1.6	2.1	2.2	2.4	2.7	2.9	3.2	3.4	3.9	5.2	5.2	5.3	6.1	7.3	7.4	7.1	6.5	6.4
	80	TC	32.4	32.8	32.8	33.4	33.3	33.9	34.2	35.0	36.4	38.3	39.1	42.9	44.2	46.7	46.8	45.4	41.1	34.6
		kW	1.3	1.7	1.8	2.0	2.1	2.9	3.1	3.4	3.9	5.3	5.3	5.4	6.2	7.4	7.3	7.0	6.5	6.5
1850	60	TC	69.1	69.8	69.9	69.8	66.4	63.4	62.1	59.9	58.8	57.5	58.8	60.9	59.7	59.6	57.4	54.8	48.8	42.5
		kW	3.2	4.0	4.3	4.7	4.6	4.5	4.4	4.4	4.4	4.5	5.0	5.1	5.6	6.3	6.5	6.1	5.8	5.8
	70	TC	55.2	55.8	55.9	55.8	55.3	55.1	55.2	55.6	56.8	56.0	54.7	55.4	55.1	56.1	56.5	53.9	47.1	39.6
		kW	2.3	2.9	3.1	3.4	3.6	3.8	4.2	4.7	4.8	4.8	5.2	5.4	6.2	7.0	7.3	7.1	6.4	6.4
	75	TC	46.0	46.5	46.5	46.3	46.3	46.3	46.2	47.3	50.3	52.1	53.3	54.3	50.9	54.2	52.0	49.5	46.1	38.8
		kW	2.0	2.4	2.6	2.7	3.0	3.2	3.4	3.8	4.3	4.9	5.3	5.5	6.3	7.2	7.4	6.9	6.6	6.6
	80	TC	37.1	37.5	37.5	37.5	37.4	37.3	37.3	38.6	41.2	42.3	43.3	46.8	46.4	50.5	50.3	48.7	44.5	37.4
		kW	1.7	2.0	2.1	2.3	2.4	3.1	3.4	3.7	4.2	5.0	5.4	5.6	6.4	7.3	7.3	7.1	6.7	6.7

Table 10

TC: refers 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	EER ²	SEER ²		Hi	HSPF ²	Low ⁴		
YDC with JDU	YDC36E2D11	JDU36F5XX2DS1	36400	12.00	19.00	1200/820	36600	10.00	36600	1270/970	⊛
	YDC60E2D11	JDU48F5XX2DS1	48500	12.00	19.00	1560/1240	48500	10.00	48500	1600/1240	⊛
	YDC60E2D11	JDU60F5XX2DS1	53500	11.70	19.00	1760/1270	55000	10.00	55000	1820/1270	⊛
YDC with CDM	YDC36E2D11	CDM30A5XXS1A	32200	10.60	15.20	900/675	34800	9.00	34600	900/675	⊛
	YDC36E2D11	CDM30B5XXS1A	32200	11.00	15.20	1000/750	35000	9.00	34600	1000/750	⊛
	YDC36E2D11	CDM30C5XXS1A	32200	11.00	15.20	1050/787	35000	9.00	34600	1050/787	⊛
	YDC36E2D11	CDM48B5XXS1A	34000	11.20	16.00	1000/750	35200	9.00	34600	1000/750	⊛
	YDC36E2D11	CDM48C5XXS1A	34000	11.20	16.00	1000/750	35200	9.00	34800	1000/750	⊛
	YDC36E2D11	CDM48D5XXS1A	34000	11.20	16.00	1000/750	35200	9.00	34800	1000/750	⊛
	YDC60E2D11	CDM48B5XXS1A	42500	11.20	15.20	1150/1150	45500	8.50	45500	1150/1150	⊛
	YDC60E2D11	CDM48C5XXS1A	43500	11.70	15.20	1300/1300	46000	8.50	46000	1300/1300	⊛
	YDC60E2D11	CDM48D5XXS1A	43500	11.70	15.20	1300/1300	46000	8.50	46000	1300/1300	⊛
	YDC60E2D11	CDM60C5XXS1A	52000	11.20	15.20	1350/1350	55000	8.50	52000	1350/1350	⊛
	YDC60E2D11	CDM60D5XXS1A	52000	11.20	15.20	1350/1350	55000	8.50	52000	1350/1350	⊛

Table 11

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 (Region IV); 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		Unit Frequency	Sound Power Level- dB(A)	Full Octave Linear Sound Power Level - dB - Center Frequency - Hz						
				125	250	500	1000	2000	4000	8000
3 Ton	Cooling	MAX	57.2	56.5	56.3	56.4	52.9	46.2	42.5	37.2
		RATED	54.7	55.1	55.1	53.6	49.6	44.0	39.6	34.9
		MIN	40.5	37.1	37.5	40.4	31.4	30.0	32.6	30.1
	Heating	MAX	60.1	61.1	59.6	57.8	55.1	50.8	48.8	41.7
		RATED	56.0	59.5	55.9	55.2	51.0	45.8	40.8	36.6
		MIN	39.9	34.3	36.7	37.7	32.9	31.3	32.5	30.7
5 Ton	Cooling	MAX	73.3	56.8	62.1	67.8	69.3	64.6	61.6	57.3
		RATED	73.0	56.7	62.8	68.9	68.2	63.7	59.4	55.1
		MIN	59.9	43.4	48.3	54.6	53.4	50.0	52.0	50.8
	Heating	MAX	76.6	56.7	64.8	69.7	71.0	67.0	69.0	68.9
		RATED	69.0	53.1	58.7	65.2	63.1	59.5	57.5	53.7
		MIN	64.8	48.8	56.1	60.4	59.4	55.7	52.3	47.1

Table 12 YDC Sound Power Level

7 Dimensions

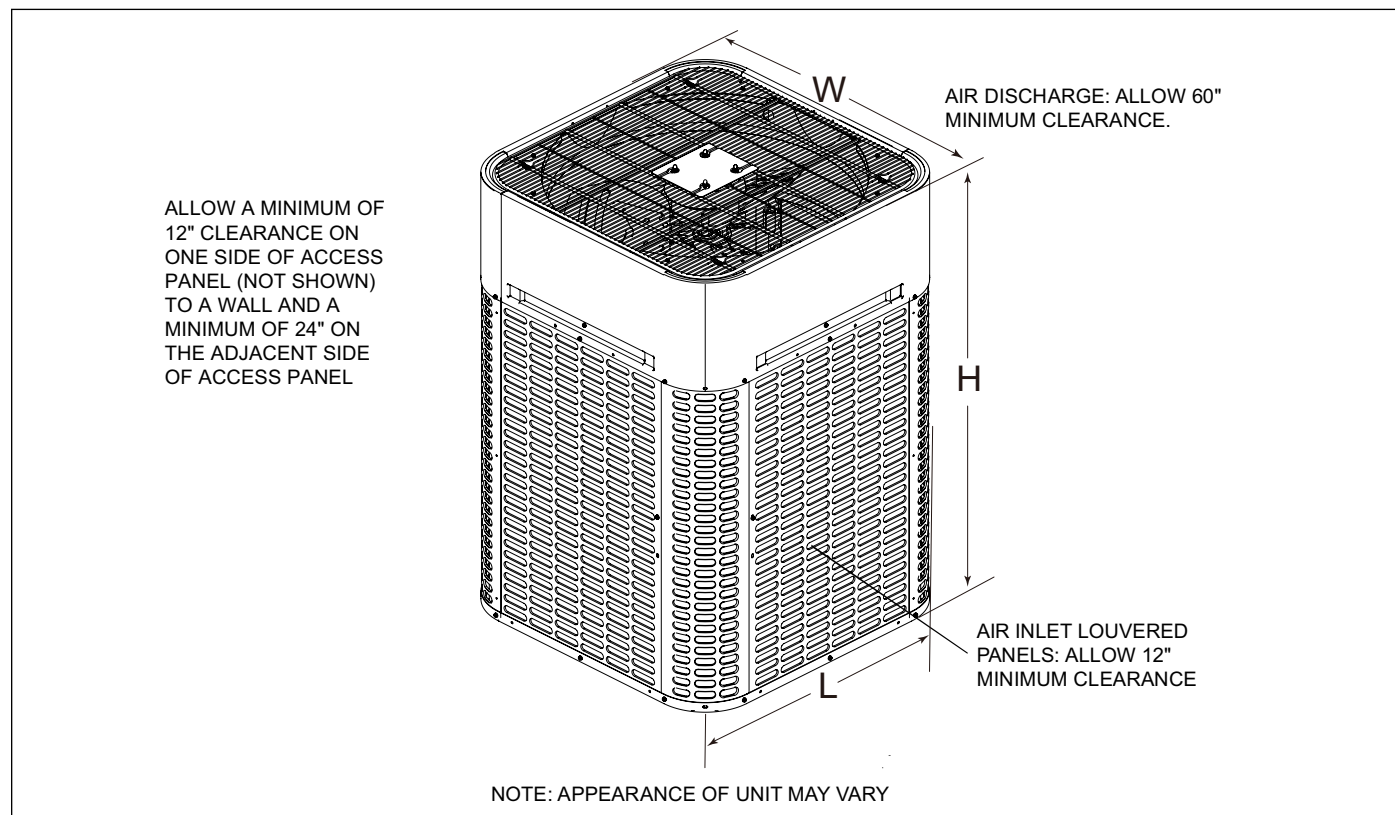


Figure 2

Model Size	Dimensions - in [mm]		
	Unit Height "H"	Unit Width "W"	Unit Length "L"
Heat Pump			
3 Ton	43-5/16 [1100]	29-1/8 [740]	29-1/8 [740]
5 Ton			

Table 13

NOTES:

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

BTC 910808201 A / 03.2026

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