

# PHYSICAL SPECIFICATIONS

## Cooling Only

Model	EER	Compressor		Condenser Coil		Condenser Fan		Evaporator Blower				Evaporator Coil		Air Filter	Refrigerant Charge	Approx. Unit Weight Lbs	Sound Pressure Level ±2 dB(A)
		Qty	No. of Refrigerant Circuit	Face Area ft <sup>2</sup>	Row/ FPI	Size (Qty) Inches	Motor HP (Qty)	Standard Size mm	Nominal HP	Airflow (Nominal) CFM	Airflow Range CFM	Face Area ft <sup>2</sup>	Row/ FPI	Size (Qty) Inches	Per System (Qty) Lbs		
AP.BDQTK015DDP	10.1	1	1	23.3	3/16	28(2)	1-1/2(2)	450	n/a	4,800	3,600 - 5,700	12.0	4/12	20x25x2(4)	26.8 (1)	2848	66
AP.BDQTK025DDP	10.8	2	2	34.0	5/12	28(2)	1-1/2(2)	500	n/a	7,800	6,000 - 8,500	20.0	5/14	20x25x2(6)	32.4 (2)	3389	68
AP.BDQTK035DDP	10.2	3	2	44.6	4/16	31.5(2) or 31.7(2)	2(2) or 2-2/3(2)	710	7.5	11,000	8,800 - 16,000	29.2	4/14	20x25x2(9)	23.2 (1) 46.5 (1)	5071	76
AP.BDQTK045DDP	10.1	3	2	58.3	4/16	28 (4)	1-1/2(4)	800	10.0	14,000	9,000 - 16,500	30.0	4/14	20x25x2(9)	29.8 (1) 59.6 (1)	6085	70
AP.BDQTK055DDP	10.0	4	2	89.2	3/12	31.5(4) or 31.7(4)	2(4) or 2-2/3(4)	900	10.0	18,000	12,000 - 22,000	40.0	4/14	20x25x2(12)	52.4 (2)	8455	79
AP.BDQTK080DDP	10.4	5	3	109.5	4/16	31.5(4) or 31.7(4)	2(4) or 2-2/3(4)	1120	15.0	25,000	18,200 - 31,500	60.4	4/14	20x25x2(18)	67.9 (2) 33.9 (1)	10443	79
AP.BDQTK100DDP	10.9	6	3	164.3	4/16	31.5(6) or 31.7(6)	2(6) or 2-2/3(6)	1250	20.0	35,000	25,900 - 47,300	86.1	4/14	20x20x2(32)	85.5 (3)	14522	80
AP.BDQTK115DDP	10.6	7	4	191.6	4/16	28(2) / 31.5(6) or 31.7(6)	1-1/2(2) / 2(6) or 2-2/3(6)	1250	25.0	42,000	27,500 - 50,300	91.5	4/14	20x20x2(16) 20x25x2(16)	84.3 (3) 42.1 (1)	15968	80
AP.BDQTK130DDP	10.4	8	4	219.0	4/16	31.5(8) or 31.7(8)	2(8) or 2-2/3(8)	1250	40.0	46,000	32,300 - 59,200	107.6	4/14	20x20x2(32) 20x25x2(8)	84.5 (4)	16925	82

- Notes: 1. Ratings are based on nominal airflow with on evaporator dry/wet bulb temperatures of 80/67°F [27/19.4°C] and condenser entering air temperature of 95°F [35°C].  
 2. Ratings are gross capacities. For net capacity deduct evaporator blower motor heat.  
 3. EER published as above is gross EER.  
 4. Evaporator blower motor's nominal HP is based on 1in WG ESP (external static pressure) for model 015 to 115 and 1.5 in WG for model 130.  
 5. For supply voltage 208/230/460V/3/60Hz, condenser fan diameter is 31.7" and condenser motor hp is 2-2/3hp.  
 6. For supply voltage 575V/3/60Hz, condenser fan diameter is 31.5" and condenser motor hp is 2hp.  
 7. Sound Pressure Level is calculated based on nominal airflow at external static pressure of 1in WG (for model 015 to 115) and 1.5in WG (for model 130). Rated at 3m [10ft] distance away from unit at free field. Unit supply and return are assumed to be entirely insulated. The actual sound at field could be affected by the supply and return duct break out noise.

## Heat Pump

Model	EER	Compressor		Condenser Coil		Condenser Fan		Evaporator Blower				Evaporator Coil		Air Filter	Refrigerant Charge	Approx. Unit Weight (Lbs)	Sound Pressure Level ±2 dB(A)
		Qty	No. of Refrigerant Circuit	Face Area ft <sup>2</sup>	Row/ FPI	Size (Qty) Inches	Motor HP (Qty)	Standard Size mm	Nominal HP	Airflow (Nominal) CFM	Airflow Range CFM	Face Area ft <sup>2</sup>	Row/ FPI	Size (Qty) Inches	Per System (Qty) Lbs		
AP.BDQTK015DYQ	3.0	1	1	23.3	4/12	28(2)	1-1/2(2)	450	n/a	4,800	3,600 - 5,700	12.0	4/12	20x25x2(4)	34.8 (1)	2905	66
AP.BDQTK025DYQ	3.5	2	2	34.0	5/12	28(2)	1-1/2(2)	500	n/a	7,800	6,000 - 8,500	20.0	5/14	20x25x2(6)	32.4 (2)	3456	68
AP.BDQTK035DYQ	3.2	3	2	44.6	5/12	31.5(2) or 31.7(2)	2(2) or 2-2/3(2)	710	7.5	11,000	8,800 - 16,000	29.2	4/14	20x25x2(9)	28.3 (1) 56.7 (1)	5172	76
AP.BDQTK045DYQ	3.1	3	2	58.3	5/12	28(4)	1-1/2(4)	800	10.0	14,000	9,000 - 16,500	30.0	4/14	20x25x2(9)	36.5 (1) 73.0 (1)	6206	70
AP.BDQTK055DYQ	3.2	4	2	89.2	3/12	31.5(4) or 31.7(4)	2(4) or 2-2/3(4)	900	10.0	18,000	12,000 - 22,000	40.0	4/14	20x25x2(12)	52.4 (2)	8624	79
AP.BDQTK080DYQ	3.3	5	3	109.5	5/12	31.5(4) or 31.7(4)	2(4) or 2-2/3(4)	1120	15.0	25,000	18,200 - 31,500	60.4	4/14	20x25x2(18)	82.9 (2) 41.5 (1)	10652	79
AP.BDQTK100DYQ	3.5	6	3	164.3	5/12	31.5(6) or 31.7(6)	2(6) or 2-2/3(6)	1250	20.0	35,000	25,900 - 47,300	86.1	4/14	20x20x2(32)	103.4 (3)	14812	80
AP.BDQTK115DYQ	3.5	7	4	191.6	5/12	28(2) / 31.5(6) or 31.7(6)	1-1/2(2) / 2(6) or 2-2/3(6)	1250	25.0	42,000	27,500 - 50,300	91.5	4/14	20x20x2(16) 20x25x2(16)	103.0 (3) 51.5 (1)	16287	80
AP.BDQTK130DYQ	3.4	8	4	219.0	5/12	31.5(8) or 31.7(8)	2(8) or 2-2/3(8)	1250	40.0	46,000	32,300 - 59,200	107.6	4/14	20x20x2(32) 20x25x2(8)	103.2 (4)	17263	82

- Notes: 1. Heat Pump models' cooling capacity is identical with Cooling Only models' cooling capacity.  
 2. Heating mode ratings are based on nominal airflow with on evaporator dry bulb temperatures of 70°F [21.1°C] and condenser entering air temperature of 47°F [8.3°C].  
 3. Ratings are gross capacities. For net cooling capacity deduct evaporator blower motor heat, net heating capacity to add blower motor heat.  
 4. COP published as above are gross COP.  
 5. Evaporator blower motor's nominal HP is based on 1in WG ESP (external static pressure) for model 015 to 115 and 1.5 in WG for model 130.  
 6. For supply voltage 208/230/460V/3/60Hz, condenser fan diameter is 31.7" and condenser motor hp is 2-2/3hp.  
 7. For supply voltage 575V/3/60Hz, condenser fan diameter is 31.5" and condenser motor hp is 2hp.  
 8. Sound Pressure Level is calculated based on nominal airflow at external static pressure of 1in WG (for model 015 to 115) and 1.5in WG (for model 130). Rated at 3m [10ft] distance away from unit at free field. Unit supply and return are assumed to be entirely insulated. The actual sound at field could be affected by the supply and return duct break out noise.

# SYSTEM COOLING CAPACITY

## PERFORMANCE DATA

Model	EER	Std. Capacity MBH	Air On Evap.		Cooling Capacity @ Ambient Air Temperature On Condenser															
			CFM	WB Temp		95°F [35°C]					105°F [41°C]					115°F [46°C]				
						Total		Sensible		kW Input	Total		Sensible		kW Input	Total		Sensible		kW Input
				°F	°C	MBH	kW	MBH	kW		MBH	kW	MBH	kW		MBH	kW	MBH	kW	
AP.BDQTK015DDP	10.1	188.9	4800	72	22.2	206.3	60.5	100.2	29.4	14.7	198.8	58.3	96.9	28.4	16.6	191.1	56.0	95.2	27.9	18.5
				67	19.4	188.9	55.4	123.1	36.1	14.6	182.0	53.3	121.5	35.6	16.4	166.2	48.7	115.3	33.8	18.2
				62	16.7	172.5	50.6	146.8	43.0	14.3	166.2	48.7	143.9	42.2	16.0	159.9	46.9	141.0	41.3	18.0
AP.BDQTK025DDP	10.8	302.3	7800	72	22.2	335.6	98.4	168.4	49.4	23.4	319.7	93.7	163.0	47.8	26.2	285.5	83.7	149.5	43.8	29.6
				67	19.4	302.3	88.6	209.1	61.3	22.4	287.9	84.4	204.0	59.8	25.1	257.3	75.4	191.4	56.1	28.5
				62	16.7	279.7	82.0	251.2	73.6	22.0	267.8	78.5	246.4	72.2	25.2	243.4	71.3	236.9	69.4	29.0
AP.BDQTK035DDP	10.2	423.5	11000	72	22.2	468.3	137.3	229.6	67.3	35.1	450.0	131.9	222.0	65.1	39.8	406.7	119.2	210.6	61.7	44.6
				67	19.4	423.5	124.1	288.2	84.5	33.6	407.1	119.3	281.0	82.4	38.1	369.0	108.2	266.7	78.2	43.4
				62	16.7	390.8	114.5	344.9	101.1	33.6	376.1	110.2	338.2	99.1	38.4	344.5	101.0	324.9	95.2	43.5
AP.BDQTK045DDP	10.1	554.2	14000	72	22.2	610.2	178.8	294.8	86.4	46.1	587.5	172.2	289.9	85.0	52.1	537.1	157.4	270.5	79.3	58.2
				67	19.4	554.2	162.4	367.6	107.7	45.2	533.7	156.4	358.5	105.1	50.7	488.2	143.1	340.3	99.7	57.3
				62	16.7	509.7	149.4	438.1	128.4	45.0	491.0	143.9	429.6	125.9	50.4	451.7	132.4	412.6	120.9	55.8
AP.BDQTK055DDP	10.0	661.7	18000	72	22.2	728.5	213.5	360.8	105.8	52.6	697.5	204.4	348.4	102.1	59.2	630.0	184.7	329.7	96.6	66.0
				67	19.4	661.7	193.9	450.1	131.9	51.4	633.8	185.8	444.2	130.2	58.0	573.6	168.1	420.8	123.3	65.4
				62	16.7	610.4	178.9	548.0	160.6	49.6	585.9	171.7	537.1	157.4	56.4	536.4	157.2	515.2	151.0	63.2
AP.BDQTK080DDP	10.4	955.2	25000	72	22.2	1047.2	306.9	531.4	155.8	78.0	1003.0	294.0	514.0	150.7	86.0	906.4	265.7	479.4	140.5	96.5
				67	19.4	955.2	280.0	662.4	194.1	74.8	915.4	268.3	646.0	189.3	83.8	823.8	241.5	613.6	179.8	94.3
				62	16.7	889.8	260.8	805.4	236.1	74.5	855.6	250.8	790.2	231.6	83.0	785.6	230.3	759.8	222.7	92.0
AP.BDQTK100DDP	10.9	1205.2	35000	72	22.2	1320.4	387.0	683.6	200.4	85.8	1259.6	369.2	671.6	196.8	96.9	1197.4	351.0	647.2	189.7	108.3
				67	19.4	1205.2	353.2	870.8	255.2	85.8	1144.6	335.5	848.2	248.6	96.0	1098.6	322.0	836.8	245.3	106.8
				62	16.7	1198.0	351.1	1106.8	324.4	75.6	1152.2	337.7	1085.6	318.2	84.6	1107.0	324.5	1064.4	312.0	94.8
AP.BDQTK115DDP	10.6	1402.0	42000	72	22.2	1531.4	448.9	803.4	235.5	100.1	1457.8	427.3	774.4	227.0	113.1	1382.6	405.2	759.8	222.7	126.4
				67	19.4	1402.0	410.9	1027.6	301.2	100.1	1338.2	392.2	1013.8	297.1	112.0	1264.4	370.6	986.6	289.2	124.6
				62	16.7	1391.0	407.7	1297.4	380.3	88.2	1336.0	391.6	1271.8	372.8	98.7	1281.4	375.6	1259.0	369.0	110.6
AP.BDQTK130DDP	10.4	1584.8	46000	72	22.2	1736.8	509.1	913.4	267.7	114.4	1643.0	481.6	881.4	258.3	129.2	1552.8	455.1	849.6	249.0	144.4
				67	19.4	1584.8	464.5	1142.8	335.0	114.4	1497.8	439.0	1113.0	326.2	128.0	1418.4	415.7	1083.0	317.4	142.4
				62	16.7	1552.4	455.0	1438.4	421.6	100.8	1484.0	435.0	1410.4	413.4	112.8	1415.2	414.8	1382.6	405.2	126.4

- Notes: 1) Ratings are based on 80°F (27°C) air on evaporator dry bulb temperature.  
 2) Ratings are gross capacities. For net capacity deduct evaporator blower motor heat.  
 3) kW input shown are total compressor(s) power input.  
 4) EER calculation is based on gross capacity and ESP (external static pressure) 1.0inwg for all models except model AP.BDQTK130 which is ESP 1.5inwg

# SYSTEM HEATING CAPACITY

## PERFORMANCE DATA

Model	COP	Std. Capacity MBH	Air On Evap.		Heating Capacity @ Ambient Air Temperature On Condenser									
			CFM	DB Temp		37°F [2.8°C]			47°F [8.3°C]			57°F [13.9°C]		
						Capacity		kW Input	Capacity		kW Input	Capacity		kW Input
				°F	°C	MBH	kW		MBH	kW		MBH	kW	
AP.BDQTK015DYQ	3.0	190.8	4800	60	15.6	170.2	49.9	11.9	194.4	57.0	12.9	218.7	64.1	13.9
				70	21.1	166.6	48.8	13.2	190.8	55.9	14.3	215.0	63.0	15.4
				80	26.7	162.9	47.7	14.7	187.0	54.8	15.9	211.4	62.0	17.1
AP.BDQTK025DYQ	3.5	298.8	7800	60	15.6	260.8	76.4	16.1	302.0	88.5	17.2	343.5	100.7	18.4
				70	21.1	253.6	74.3	18.0	298.8	87.6	19.4	340.1	99.7	20.7
				80	26.7	242.8	71.2	20.0	287.9	84.4	21.6	325.5	95.4	22.9
AP.BDQTK035DYQ	3.2	423.6	11000	60	15.6	382.9	112.2	25.5	432.7	126.8	27.1	492.8	144.4	29.3
				70	21.1	373.8	109.6	28.5	423.6	124.2	30.3	483.6	141.7	32.7
				80	26.7	364.7	106.9	32.0	414.5	121.5	34.1	444.3	130.2	35.3
AP.BDQTK045DYQ	3.1	546.6	14000	60	15.6	496.9	145.6	35.3	557.4	163.4	37.7	642.7	188.4	41.1
				70	21.1	486.1	142.5	39.0	546.6	160.2	41.7	631.7	185.2	45.6
				80	26.7	475.2	139.3	43.4	535.6	157.0	46.4	596.7	174.9	49.5
AP.BDQTK055DYQ	3.2	666.5	18000	60	15.6	587.0	172.0	37.9	680.7	199.5	41.2	775.5	227.3	44.6
				70	21.1	572.2	167.7	42.2	666.5	195.4	45.8	761.1	223.1	49.6
				80	26.7	558.0	163.5	47.2	652.2	191.2	51.0	739.4	216.7	55.0
AP.BDQTK080DYQ	3.3	963.4	25000	60	15.6	868.6	254.6	56.8	983.8	288.4	60.8	1122.6	329.0	65.5
				70	21.1	848.4	248.7	62.8	963.4	282.4	67.3	1102.0	323.0	72.5
				80	26.7	827.8	242.6	69.8	942.8	276.3	74.5	1082.0	317.1	80.5
AP.BDQTK100DYQ	3.5	1238.8	35000	60	15.6	1091.4	319.9	65.4	1251.2	366.7	69.9	1412.8	414.1	74.7
				70	21.1	1094.0	320.7	73.2	1238.8	363.1	77.7	1400.4	410.5	83.1
				80	26.7	1065.4	312.3	81.0	1193.8	349.9	85.5	1355.0	397.2	91.2
AP.BDQTK115DYQ	3.5	1447.4	42000	60	15.6	1274.4	373.5	76.3	1461.6	428.4	81.6	1651.2	484.0	87.2
				70	21.1	1277.8	374.5	85.4	1447.4	424.2	90.7	1637.0	479.8	97.0
				80	26.7	1244.4	364.7	94.5	1394.8	408.8	99.8	1584.0	464.3	106.4
AP.BDQTK130DYQ	3.4	1654.4	46000	60	15.6	1461.4	428.3	87.6	1670.8	489.7	93.6	1882.8	551.8	100.0
				70	21.1	1443.4	423.1	97.6	1654.4	484.9	104.0	1844.8	540.7	110.8
				80	26.7	1405.6	412.0	108.0	1531.4	448.9	112.8	1785.2	523.2	121.6

Notes: 1) Ratings are gross capacities. For net capacity add evaporator blower motor heat.

2) kW input shown in the table is total compressor(s) power input.

3) COP calculation is based on gross capacity and ESP (external static pressure) 1.0inwg for all models except model AP.BDQTK130 which is ESP 1.5inwg

# GAS HEAT / ELECTRIC HEAT DATA

## GAS HEATING CAPACITY

Model		AP.BDQTK015	AP.BDQTK025	AP.BDQTK035	AP.BDQTK045	AP.BDQTK055	AP.BDQTK080	AP.BDQTK100	AP.BDQTK115	AP.BDQTK130	
Type of Gas		Natural Gas									
Nominal Airflow, ft <sup>3</sup> /min		4,800	7,800	11,000	14,000	18,000	25,000	35,000	42,000	46,000	
Gas Heater Input, MBH	Low Heat	n/a	250	350	350	400	600	n/a	n/a	n/a	
	High Heat	250	400	700	700	800	1200	1200	1200	1200	
Gas Heater Output, MBH	Low Heat	n/a	200	280	280	320	480	n/a	n/a	n/a	
	High Heat	200	320	560	560	640	960	960	960	960	
Steady State Efficiency, %		80									
Gas Heater Stage	Low Heat	n/a	2	2	2	2	2	n/a	n/a	n/a	
	High Heat	2	2	4	4	4	4	4	4	4	
Min Airflow Permissible, ft <sup>3</sup> /min	Low Heat	n/a	3,122	4,351	4,351	4,966	7,423	n/a	n/a	n/a	
	High Heat	3,122	4,966	8,652	8,652	9,881	14,797	14,797	14,797	14,797	
Natural Gas Inlet Pressure, In.wg	Low Heat	Minimum	n/a	5	5	5	5	6	n/a	n/a	n/a
		Maximum	n/a	13.5	13.5	13.5	13.5	13.5	n/a	n/a	n/a
	High Heat	Minimum	5	5	5	5	5	6	6	6	6
		Maximum	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
Gas connection, Inches (Quantity)	Low Heat	n/a	3/4" MNPT (1)	3/4" MNPT (1)	3/4" MNPT (1)	3/4" MNPT (1)	1" MNPT (1)	n/a	n/a	n/a	
	High Heat	3/4" MNPT (1)	3/4" MNPT (1)	2" MNPT (1)	2" MNPT (1)	2" MNPT (1)	2" MNPT (1)	2" MNPT (1)	2" MNPT (1)	2" MNPT (1)	
Air Pressure Drop Across Heater, In.wg	Low Heat	n/a	0.60	0.13	0.21	0.37	0.50	n/a	n/a	n/a	
	High Heat	0.25	0.37	0.04	0.06	0.10	0.29	0.53	0.75	0.89	

- Notes: 1) Gas heat performance data is based on entering air (on heater) condition 70°F temperature and 29.92"Hg barometric pressure (standard air density).  
 2) For gas heater installed at elevation more than 2000 ft, heating capacity deration of 4% per 1000 ft elevation shall be applied.  
 3) For gas heater installed at elevation more than 6000 ft, please consult factory.  
 4) Max temperature rise across heater = 60°F ; Min temperature rise across heater = 20°F  
 5) 'Minimum airflow permissible' calculation is based on gas heater full load/fire at 60°F temp rise

## ELECTRIC HEATING CAPACITY

Model	AP.BDQTK015	AP.BDQTK025	AP.BDQTK035	AP.BDQTK045	AP.BDQTK055	AP.BDQTK080	AP.BDQTK100	AP.BDQTK115	AP.BDQTK130	
Nominal Airflow, ft <sup>3</sup> /min	4,800	7,800	11,000	14,000	18,000	25,000	35,000	42,000	46,000	
Stages	3			4			5			
Heating Capacity	kW	24	30	36	45	54	72	84	105	105
	MBH	82	102	123	154	184	246	287	359	359
Delta T* (°F)	15.7	15.7	12.1	10.3	10.1	9.4	9.1	7.6	7.9	
Pressure drop, inwg	0.10	0.10	0.11	0.18	0.20	0.25	0.28	0.29	0.30	

Notes: \*Temperature difference/rise is calculated at nominal cfm

## BLOWER PERFORMANCE

### Evaporator

Model	Airflow on Evaporator Coil		Blower Size	Internal Static Pressure (ISP)		External Static Pressure (ESP)														
	CFM	m <sup>3</sup> /h		in WG	Pa	1.00					1.50					2.00				
						Total St. Pressure	Fan RPM	BHP	Max Fan RPM	Installed Motor Hp	Total St. Pressure	Fan RPM	BHP	Max Fan RPM	Installed Motor Hp	Total St. Pressure	Fan RPM	BHP	Max Fan RPM	Installed Motor Hp
AP.BDQTK015	4800	8155	450	0.89	221.7	1.89	1861	2.5	2600	N/A	2.39	1957	2.9	2,600	N/A	2.89	2052	3.5	2,600	N/A
AP.BDQTK025	7800	13252	500	1.06	264.0	2.06	1991	4.5	2250	N/A	2.56	2059	5.3	2,250	N/A	3.06	2127	6.1	2,250	N/A
AP.BDQTK035	11000	18689	710	0.93	231.6	1.93	1078	4.9	1450	7.5	2.43	1142	5.9	1,450	7.5	2.93	1207	7.0	1,450	10
AP.BDQTK045	14000	23786	800	1.10	274.0	2.10	976	6.6	1280	10	2.60	1034	7.9	1,280	10	3.10	1091	9.3	1,280	15
AP.BDQTK055	18000	30582	900	1.06	264.0	2.06	871	8.4	1130	10	2.56	921	10.0	1,130	15	3.06	971	11.8	1,130	15
AP.BDQTK080	25000	42475	1120	1.09	271.5	2.09	691	11.6	900	15	2.59	733	14.0	900	20	3.09	754	16.5	920	20
AP.BDQTK100	35000	59465	1250	1.07	266.5	2.07	606	15.9	830	20	2.57	645	19.2	830	25	3.07	682	22.7	830	30
AP.BDQTK115	42000	71358	1250	1.20	298.9	2.20	677	21.6	830	25	2.70	709	25.3	830	30	3.20	741	29.2	830	40
AP.BDQTK130	46000	78155	1250	1.12	279.0	N/A	N/A	N/A	N/A	N/A	2.62	740	28.2	830	40	3.12	770	32.3	1,100	40

- Notes: 1) Model 015 and 025 are using EC (Electronically Commutated) plenum fan.  
 2) For model 015 and 025, the stated "Brake Horse Power" information is "Power Input" information.  
 3) Internal static pressure (ISP) includes pressure drops through evaporator coil, standard filter and unit casing.  
 4) Please consult factory for shaded area and ESP exceeds what has been specified in the above table.

# ELECTRICAL DATA

## 208V / 3Ph / 60Hz

Model	Sys	Compressor		Compressor Rating			Condenser Fan			Evaporator Blower (Std.)				Unit Rating (Std.)		
		Qty	Power Supply	MRA (Each)	NRA (Each)	LRA (Each)	Qty	Mtr. HP (Each)	FLA (Each)	Qty	Mtr. HP (Each)	FLA (Each)	LRA (Each)	FLA	MCA	MFS
AP.BDQTK015	1	1	200-230V/3PH/60Hz	1x74.0	1x52.0	1x340.0	2	1.5	5.5	1	7.6	19.9	-	82.9	95.9	150.0
AP.BDQTK025	1	1	200-230V/3PH/60Hz	1x55.0	1x38.0	1x245.0	2	1.5	5.5	1	7.6	19.9	-	106.9	116.4	150.0
	2	1	200-230V/3PH/60Hz	1x55.0	1x38.0	1x245.0										
AP.BDQTK035	1	2	200-230V/3PH/60Hz	1x55.0	1x38.0	1x245.0	2	2.0	7.2	1	7.5	19.7	140.4	148.1	157.6	200.0
	2	1	200-230V/3PH/60Hz	1x55.0	1x38.0	1x245.0										
AP.BDQTK045	1	2	200-230V/3PH/60Hz	1x74.0	1x52.0	1x340.0	4	1.5	5.5	1	10.0	25.7	179.1	203.7	216.7	250.0
	2	1	200-230V/3PH/60Hz	1x74.0	1x52.0	1x340.0										
AP.BDQTK055	1	2	200-230V/3PH/60Hz	1x59.0	1x42.8	1x300.0	4	2.0	7.2	1	10.0	25.7	179.1	225.7	236.4	300.0
	2	2	200-230V/3PH/60Hz	1x59.0	1x42.8	1x300.0										
AP.BDQTK080	1	2	200-230V/3PH/60Hz	1x74.0	1x52.0	1x340.0	4	2.0	7.2	1	15.0	38.3	256.5	327.1	340.1	400.0
	2	2	200-230V/3PH/60Hz	1x74.0	1x52.0	1x340.0										
	3	1	200-230V/3PH/60Hz	1x74.0	1x52.0	1x340.0										
AP.BDQTK100	1	2	200-230V/3PH/60Hz	1x74.0	1x52.0	1x340.0	6	2.0	7.2	1	20.0	51.5	320.7	406.7	419.7	500.0
	2	2	200-230V/3PH/60Hz	1x74.0	1x52.0	1x340.0										
	3	2	200-230V/3PH/60Hz	1x74.0	1x52.0	1x340.0										
AP.BDQTK115	1	2	200-230V/3PH/60Hz	1x74.0	1x52.0	1x340.0	2	1.5	5.5	1	25.0	63.9	403.6	482.1	495.1	600.0
	2	2	200-230V/3PH/60Hz	1x74.0	1x52.0	1x340.0										
	3	2	200-230V/3PH/60Hz	1x74.0	1x52.0	1x340.0										
	4	1	200-230V/3PH/60Hz	1x74.0	1x52.0	1x340.0										
AP.BDQTK130	1	2	200-230V/3PH/60Hz	1x74.0	1x52.0	1x340.0	8	2.0	7.2	1	40.0	98.9	641.3	572.5	585.5	700.0
	2	2	200-230V/3PH/60Hz	1x74.0	1x52.0	1x340.0										
	3	2	200-230V/3PH/60Hz	1x74.0	1x52.0	1x340.0										
	4	2	200-230V/3PH/60Hz	1x74.0	1x52.0	1x340.0										

## 230V / 3Ph / 60Hz

Model	Sys	Compressor		Compressor Rating			Condenser Fan			Evaporator Blower (Std.)				Unit Rating (Std.)		
		Qty	Power Supply	MRA (Each)	NRA (Each)	LRA (Each)	Qty	Mtr. HP (Each)	FLA (Each)	Qty	Mtr. HP (Each)	FLA (Each)	LRA (Each)	FLA	MCA	MFS
AP.BDQTK015	1	1	200-230V/3PH/60Hz	1x74.0	1x52.0	1x340.0	2	1.5	5.5	1	7.6	18.0	-	81.0	94.0	150.0
AP.BDQTK025	1	1	200-230V/3PH/60Hz	1x55.0	1x38.0	1x245.0	2	1.5	5.5	1	7.6	18.0	-	105.0	114.5	150.0
	2	1	200-230V/3PH/60Hz	1x55.0	1x38.0	1x245.0										
AP.BDQTK035	1	2	200-230V/3PH/60Hz	1x55.0	1x38.0	1x245.0	2	2.0	6.8	1	7.5	17.8	127.0	145.4	154.9	200.0
	2	1	200-230V/3PH/60Hz	1x55.0	1x38.0	1x245.0										
AP.BDQTK045	1	2	200-230V/3PH/60Hz	1x74.0	1x52.0	1x340.0	4	1.5	5.5	1	10.0	23.2	162.0	201.2	214.2	250.0
	2	1	200-230V/3PH/60Hz	1x74.0	1x52.0	1x340.0										
AP.BDQTK055	1	2	200-230V/3PH/60Hz	1x59.0	1x42.8	1x300.0	4	2.0	6.8	1	10.0	23.2	162.0	221.6	232.3	300.0
	2	2	200-230V/3PH/60Hz	1x59.0	1x42.8	1x300.0										
AP.BDQTK080	1	2	200-230V/3PH/60Hz	1x74.0	1x52.0	1x340.0	4	2.0	6.8	1	15.0	34.6	232.0	321.8	334.8	400.0
	2	2	200-230V/3PH/60Hz	1x74.0	1x52.0	1x340.0										
	3	1	200-230V/3PH/60Hz	1x74.0	1x52.0	1x340.0										
AP.BDQTK100	1	2	200-230V/3PH/60Hz	1x74.0	1x52.0	1x340.0	6	2.0	6.8	1	20.0	46.6	290.0	399.4	412.4	500.0
	2	2	200-230V/3PH/60Hz	1x74.0	1x52.0	1x340.0										
	3	2	200-230V/3PH/60Hz	1x74.0	1x52.0	1x340.0										
AP.BDQTK115	1	2	200-230V/3PH/60Hz	1x74.0	1x52.0	1x340.0	2	1.5	5.5	1	25.0	57.8	365.0	473.6	486.6	600.0
	2	2	200-230V/3PH/60Hz	1x74.0	1x52.0	1x340.0										
	3	2	200-230V/3PH/60Hz	1x74.0	1x52.0	1x340.0										
	4	1	200-230V/3PH/60Hz	1x74.0	1x52.0	1x340.0										
AP.BDQTK130	1	2	200-230V/3PH/60Hz	1x74.0	1x52.0	1x340.0	8	2.0	6.8	1	40.0	89.4	580.0	559.8	572.8	700.0
	2	2	200-230V/3PH/60Hz	1x74.0	1x52.0	1x340.0										
	3	2	200-230V/3PH/60Hz	1x74.0	1x52.0	1x340.0										
	4	2	200-230V/3PH/60Hz	1x74.0	1x52.0	1x340.0										

# ELECTRICAL DATA

## 460V/3PH/60Hz

Model	Sys	Compressor		Compressor Rating			Condenser Fan			Evaporator Blower (Std.)				Unit Rating (Std.)		
		Qty	Power Supply	MRA (Each)	NRA (Each)	LRA (Each)	Qty	Mtr. HP (Each)	FLA (Each)	Qty	Mtr. HP (Each)	FLA (Each)	LRA (Each)	FLA	MCA	MFS
AP.BDQTK015	1	1	460V/3PH/60Hz	1x34.0	1x26.3	1x179.0	2	1.5	2.7	1	7.6	9.0	-	40.7	47.3	70.0
AP.BDQTK025	1	1	460V/3PH/60Hz	1x25.0	1x18.0	1x125.0	2	1.5	2.7	1	7.6	9.0	-	50.4	54.9	70.0
	2	1	460V/3PH/60Hz	1x25.0	1x18.0	1x125.0										
AP.BDQTK035	1	2	460V/3PH/60Hz	1x25.0	1x18.0	1x125.0	2	2.0	3.4	1	7.5	8.9	63.5	69.7	74.2	90.0
	2	1	460V/3PH/60Hz	1x25.0	1x18.0	1x125.0										
AP.BDQTK045	1	2	460V/3PH/60Hz	1x34.0	1x26.3	1x179.0	4	1.5	2.7	1	10.0	11.6	81.0	101.3	107.9	125.0
	2	1	460V/3PH/60Hz	1x34.0	1x26.3	1x179.0										
AP.BDQTK055	1	2	460V/3PH/60Hz	1x31.0	1x21.0	1x150.0	4	2.0	3.4	1	10.0	11.6	81.0	109.2	114.5	150.0
	2	2	460V/3PH/60Hz	1x31.0	1x21.0	1x150.0										
AP.BDQTK080	1	2	460V/3PH/60Hz	1x34.0	1x26.3	1x179.0	4	2.0	3.4	1	15.0	17.3	116.0	162.4	169.0	200.0
	2	2	460V/3PH/60Hz	1x34.0	1x26.3	1x179.0										
	3	1	460V/3PH/60Hz	1x34.0	1x26.3	1x179.0										
AP.BDQTK100	1	2	460V/3PH/60Hz	1x34.0	1x26.3	1x179.0	6	2.0	3.4	1	20.0	23.3	145.0	201.5	208.1	225.0
	2	2	460V/3PH/60Hz	1x34.0	1x26.3	1x179.0										
	3	2	460V/3PH/60Hz	1x34.0	1x26.3	1x179.0										
AP.BDQTK115	1	2	460V/3PH/60Hz	1x34.0	1x26.3	1x179.0	2	1.5	2.7	1	25.0	28.9	182.5	238.8	245.4	300.0
	2	2	460V/3PH/60Hz	1x34.0	1x26.3	1x179.0										
	3	2	460V/3PH/60Hz	1x34.0	1x26.3	1x179.0										
	4	1	460V/3PH/60Hz	1x34.0	1x26.3	1x179.0										
AP.BDQTK130	1	2	460V/3PH/60Hz	1x34.0	1x26.3	1x179.0	8	2.0	3.4	1	40.0	44.7	290.0	282.3	288.9	300.0
	2	2	460V/3PH/60Hz	1x34.0	1x26.3	1x179.0										
	3	2	460V/3PH/60Hz	1x34.0	1x26.3	1x179.0										
	4	2	460V/3PH/60Hz	1x34.0	1x26.3	1x179.0										

## 575V/3PH/60Hz

Model	Sys	Compressor		Compressor Rating			Condenser Fan			Evaporator Blower (Std.)				Unit Rating (Std.)		
		Qty	Power Supply	MRA (Each)	NRA (Each)	LRA (Each)	Qty	Mtr. HP (Each)	FLA (Each)	Qty	Mtr. HP (Each)	FLA (Each)	LRA (Each)	FLA	MCA	MFS
AP.BDQTK015	1	1	575V/3PH/60Hz	1x27.0	1x21.5	1x132.0	2	1.5	2.2	1	7.6	7.2	-	33.0	38.4	60.0
AP.BDQTK025	1	1	575V/3PH/60Hz	1x19.0	1x15.1	1x100.0	2	1.5	2.2	1	7.6	7.2	-	41.7	45.5	60.0
	2	1	575V/3PH/60Hz	1x19.0	1x15.1	1x100.0										
AP.BDQTK035	1	2	575V/3PH/60Hz	1x19.0	1x15.1	1x100.0	2	2.0	2.7	1	7.5	7.1	50.8	57.9	61.6	80.0
	2	1	575V/3PH/60Hz	1x19.0	1x15.1	1x100.0										
AP.BDQTK045	1	2	575V/3PH/60Hz	1x27.0	1x21.5	1x132.0	4	1.5	2.2	1	10.0	9.3	64.8	82.4	87.8	110.0
	2	1	575V/3PH/60Hz	1x27.0	1x21.5	1x132.0										
AP.BDQTK055	1	2	575V/3PH/60Hz	1x24.0	1x18.6	1x109.0	4	2.0	2.7	1	10.0	9.3	64.8	94.6	99.2	125.0
	2	2	575V/3PH/60Hz	1x24.0	1x18.6	1x109.0										
AP.BDQTK080	1	2	575V/3PH/60Hz	1x27.0	1x21.5	1x132.0	4	2.0	2.7	1	15.0	13.8	92.8	132.2	137.6	150.0
	2	2	575V/3PH/60Hz	1x27.0	1x21.5	1x132.0										
	3	1	575V/3PH/60Hz	1x27.0	1x21.5	1x132.0										
AP.BDQTK100	1	2	575V/3PH/60Hz	1x27.0	1x21.5	1x132.0	6	2.0	2.7	1	20.0	18.6	116.0	164.0	169.3	200.0
	2	2	575V/3PH/60Hz	1x27.0	1x21.5	1x132.0										
	3	2	575V/3PH/60Hz	1x27.0	1x21.5	1x132.0										
AP.BDQTK115	1	2	575V/3PH/60Hz	1x27.0	1x21.5	1x132.0	2	1.5	2.2	1	25.0	23.1	146.0	194.3	199.6	225.0
	2	2	575V/3PH/60Hz	1x27.0	1x21.5	1x132.0										
	3	2	575V/3PH/60Hz	1x27.0	1x21.5	1x132.0										
	4	1	575V/3PH/60Hz	1x27.0	1x21.5	1x132.0										
AP.BDQTK130	1	2	575V/3PH/60Hz	1x27.0	1x21.5	1x132.0	8	2.0	2.7	1	40.0	35.8	232.0	229.5	234.9	250.0
	2	2	575V/3PH/60Hz	1x27.0	1x21.5	1x132.0										
	3	2	575V/3PH/60Hz	1x27.0	1x21.5	1x132.0										
	4	2	575V/3PH/60Hz	1x27.0	1x21.5	1x132.0										