

SPECIFICATIONS

TITAN SERIES



50 Hz

Model	Compressor				Condenser Coil			Cond. Fan Motor HP (Qty)	Evaporator Blower			Evaporator Coil		Air Filter	Refrigerant Charge		Approx. Operating Weight (Lbs)	Sound Pressure Level ±dB(A)
	Qty	MRA Each	LRA Each	NRA Each	Face Area ft ²	Row / FPI			Standard Size (Qty)	Motor Max HP (Qty)	Fan Min-Max Cfm	Face Area ft ²	Row / FPI	Size Inches (Qty)	Lbs Per System (Qty)			
						Cooling Only	Heat Pump								Cooling Only	Heat Pump		
AP.BDQSC 30P	1	-	1x62	1x12.6	4.6	2/16	3/12	1/5(1)	DD9x7 (1)	0.6(1)	650 1280	2.1	3/12	16x25x1(1)	4.5(1)	7.2(1)	550	62
AP.BDQTC 40Q	1	-	1x45	1x6.8	7.2	2/16	3/12	1/5(1)	DD9x7 (1)	0.6(1)	920 1800	3.1	3/12	20x25x1(1)	6.4(1)	9.1(1)	600	62
AP.BDQTC 50Q	1	-	1x56	1x8.2	8.3	2/14	3/12	1/5(1)	DD9x9 (1)	0.6(1)	1100 2200	3.7	3/12	20x25x1(1)	7.2(1)	9.9(1)	650	62
AP.BDQTC 68Q	1	-	1x45	1x9.3	8.3	2/12	2/12	5/8(1)	DD9x9 (1)	1(1)	1400 2800	4.7	3/12	16x25x1(2)	7.5(1)	10.2(1)	1100	66
AP.BDQTC 81Q	1	1x15.0	1x101	1x10.5	9.4	2/14	3/12	5/8(1)	DD10x10 (1)	1(1)	1550 3100	5.2	3/12	16x25x1(1) 20x25x1(1)	9.9(1)	15.4(1)	1200	66
AP.BDQTC 95Q	1	1x15.6	1x95	1x12.5	10.9	2/16	3/12	5/8(1)	DD10x10 (1)	1(1)	1550 3100	5.2	4/12	16x25x1(1) 20x25x1(1)	12.1(1)	17.6(1)	1300	66
AP.BDQTC 108Q	1	1x16.8	1x111	1x13.7	14.2	2/16	3/12	5/8(1)	DD10x10 (2)	0.8(2)	1850 3600	6.1	4/12	20x25x1(2)	13.2(1)	18.7(1)	1500	66
AP.BDQTC 125Q	1	1x19.6	1x118	1x15.8	14.2	3/14	3/12	5/8(1)	DD10x10 (2)	0.8(2)	2000 3900	6.6	4/12	20x25x1(2)	13.2(1)	18.7(1)	1600	67
AP.BDQTC 145Q	1	1x22.3	1x118	1x17.6	16.3	3/16	3/12	5/8(1)	DD10x10 (2)	1(2)	2600 5100	8.5	4/12	20x25x1(2)	15.4(1)	20.9(1)	1750	67
AP.BDQTC 160Q	1	1x25.6	1x167	1x19.1	19.5	2/16	3/12	5/8(2)	15x15 (1)	5.5(1)	3500 7000	11.7	3/12	20x20x2(2) 20x25x2(2)	23.1(1)	28.7(1)	1700	69
AP.BDQTC 190Q	1	1x30.0	1x198	1x23.7	19.5	3/12	3/12	5/8(2)	15x15 (1)	5.5(1)	3500 7000	11.7	4/12	20x20x2(2) 20x25x2(2)	25.4(1)	30.9(1)	1800	70
AP.BDQTC 220Q	2	2x16.8	2x111	2x13.7	19.5	3/16	4/12	5/8(2)	15x15 (1)	5.5(1)	3700 7300	12.3	4/12	20x20x2(2) 20x25x2(2)	13.2(2)	18.7(2)	1900	69
AP.BDQTC 250Q	2	2x19.6	2x118	2x15.8	27.4	3/16	4/12	5/8(2)	18x13 (1)	7.5(1)	4400 8700	14.6	4/12	25x25x2(4)	13.2(2)	18.7(2)	2100	71
AP.BDQTC 290Q	2	2x22.3	2x118	2x17.6	27.4	4/16	5/12	5/8(2)	18x13 (1)	7.5(1)	5000 10000	16.7	4/12	25x25x2(4)	15.4(2)	20.9(2)	2400	71
AP.BDQTC 320Q	2	2x25.6	2x167	2x19.1	37.5	3/14	4/12	5/8(3)	18x18 (1)	15(1)	5850 11600	19.4	4/12	16x25x2(2) 20x25x2(4)	23.1(2)	28.7(2)	2900	71
AP.BDQTC 380Q	2	2x30.0	2x198	2x23.7	37.5	4/14	5/12	5/8(3)	18x18 (1)	15(1)	6700 13400	22.6	4/12	16x20x2(3) 20x20x2(6)	25.4(2)	30.9(2)	3000	72
AP.BDQTC 435Q	3	3x22.3	3x118	3x17.6	40	4/16	5/12	5/8(3)	450x450 (1)	20(1)	7000 14000	23.3	4/12	16x20x2(3) 20x20x2(6)	15.4(3)	20.9(3)	3100	72
AP.BDQTC 480Q	3	3x25.6	3x167	3x19.1	48.3	3/14	4/12	5/8(4)	500x500 (1)	20(1)	8900 17900	29.7	3/12	20x20x2(2) 20x25x2(5) 25x25x2(2)	23.1(3)	28.7(3)	4000	73
AP.BDQTC 510Q	3	2x25.6 1x30.0	2x167 1x198	2x19.1 1x23.7	48.3	3/16	4/12	5/8(4)	500x500 (1)	20(1)	8900 17900	29.7	3/13	20x20x2(2) 20x25x2(5) 25x25x2(2)	23.1(2) 25.4(1)	28.7(2) 30.9(1)	4300	73
AP.BDQTC 570Q	3	3x30.0	3x198	3x23.7	48.3	4/14	5/12	5/8(4)	500x500 (1)	20(1)	8900 17900	29.7	4/10	20x20x2(2) 20x25x2(5) 25x25x2(2)	25.4(3)	30.9(3)	4400	74
AP.BDQTC 640Q	4	4x25.6	4x167	4x19.1	65.3	3/12	3/12	1.5(4)	560x560 (1)	30(1)	10000 20000	33.4	4/10	20x20x2(4) 20x25x2(8)	23.1(4)	28.7(4)	6500	79
AP.BDQTC 700P	4	2x25.6 2x30.0	2x167 2x198	2x19.1 2x23.7	65.3	3/14	4/12	1.5(4)	560x560 (1)	30(1)	10000 20000	33.4	4/12	20x20x2(4) 20x25x2(8)	23.1(2) 25.4(2)	28.7(2) 30.9(2)	6650	79
AP.BDQTC 760Q	4	1 1/2 30.0	4x198	4x23.7	65.3	4/12	4/12	1.5(4)	560x560 (1)	30(1)	10400 20800	34.7	4/12	20x20x2(4) 20x25x2(8)	25.4(4)	30.9(4)	6750	79
AP.BDQTC 800Q	5	5x25.6	5x167	5x19.1	94.0	3/16	4/12	1.5(4)	630x630 (1)	40(1)	13500 27000	45.1	4/10	20x20x2(4) 20x25x2(9) 25x25x2(2)	23.1(5)	28.7(5)	7000	79
AP.BDQTC 890Q	5	2x25.6 3x30.0	2x167 3x198	2x19.1 3x23.7	94.0	4/14	5/12	1.5(4)	630x630 (1)	40(1)	14000 28000	46.9	4/12	20x20x2(4) 20x25x2(9) 25x25x2(2)	25.4(3) 23.1(2)	30.9(3) 28.7(2)	7100	79
AP.BDQTC 960Q	6	6x25.6	6x167	6x19.1	94.0	4/16	5/12	1.5(4)	630x630 (1)	40(1)	14500 29000	48.6	4/12	20x20x2(4) 20x25x2(9) 25x25x2(2)	23.1(6)	28.7(6)	7250	79
AP.BDQTC 1020Q	6	4x25.6 2x30.0	4x167 2x198	4x19.1 2x23.7	123.0	3/16	4/12	1.5(4)	710x710 (1)	40(1)	16600 33300	55.6	4/10	20x20x2(12) 20x25x2(8)	23.1(4) 25.4(2)	28.7(4) 30.9(2)	8350	81
AP.BDQTC 1140Q	6	6x30.0	6x198	6x23.7	123.0	4/14	5/12	1.5(4)	710x710 (1)	40(1)	19000 38300	63.9	4/10	20x25x2(20)	25.4(6)	30.9(6)	9400	81
AP.BDQTC 1340Q	8	6x25.6 2x30.0	6x167 2x198	6x19.1 2x23.7	129.0	4/16	5/12	1.5(4)	800x800 (1)	50(1)	21600 43300	72.2	4/10	20x20x2(8) 20x25x2(18)	23.1(6) 25.4(2)	28.7(6) 30.9(2)	10400	81
AP.BDQTC 1520Q	8	8x30.0	8x198	8x23.7	129.0	4/16	5/12	1.5(4)	800x800 (1)	50(1)	21600 43300	72.2	5/10	20x20x2(8) 20x25x2(16)	25.4(8)	30.9(8)	11000	82

- Notes: 1) Evaporator blower motor for 30P to 145P is 220/240-1-50Hz and direct drive.
 2) Condenser fan motors voltage is 220/240-1-50Hz for model 30P to 50P.
 3) AP.BDQSC30Q is rotary compressor and the power supply is 220/240-1-50Hz.
 4) Sound Pressure Level is calculated based on nominal airflow at external static pressure of 0.5" WG (Model 30-145) / 1.5 WG (Model 160-1520), 3m (9.8ft) 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.
 5) Minimum-maximum voltage is 360V to 440V.
 6) LRA - Locked Rotor Amp.
 7) NRA - Nominal Running Amp.
 8) MRA - Maximum Running Amp.

SPECIFICATIONS

TITAN SERIES



60 Hz

Model	Compressor				Condenser Coil			Cond. Fan Motor HP (Qty)	Evaporator Blower			Evaporator Coil		Air Filter	Refrigerant Charge		Approx. Operating Weight (Lbs)	Sound Pressure Level ±2 dB(A)
	Qty	MRA Each	LRA Each	NRA Each	Face Area ft²	Row / FPI			Standard Size (Qty)	Motor Max HP	Fan Min-Max Cfm	Face Area ft²	Row/ FPI	Size Inches (Qty)	Lbs Per System (Qty)			
						Cooling Only	Heat Pump								Cooling Only	Heat Pump		
AP.6BDQSC 30Q	1	-	1x82	1x12.5	4.6	2/16	3/12	1/5(1)	DD9x7 (1)	0.6(1)	650 1280	2.1	3/12	16x25x1 (1)	3.5(1)	3.5(1)	550	62
AP.6BDQSC 40Q	1	-	1x62	1x16.4	7.2	2/16	3/12	1/5(1)	DD9x7 (1)	0.6(1)	920 1800	3.1	3/12	20x25x1 (1)	3.7(1)	3.7(1)	600	62
AP.6BDQTC 50Q	1	-	1x45	1x6.8	8.3	2/14	3/12	1/5(1)	DD9x9 (1)	0.6(1)	1100 2200	3.7	3/12	20x25x1 (1)	4.8(1)	4.8(1)	650	62
AP.6BDQTC 68Q	1	-	1x56	1x8.2	8.3	2/12	2/12	5/8(1)	DD9x9 (1)	1(1)	1400 2800	4.7	3/12	16x25x1 (2)	5.9(1)	5.9(1)	1100	66
AP.6BDQTC 81Q	1	-	1x45	1x9.3	9.4	2/14	3/12	5/8(1)	DD10x10 (1)	1(1)	1550 3100	5.2	3/12	16x25x1 (1) 20x25x1 (1)	8.3(1)	8.3(1)	1200	66
AP.6BDQTC 95Q	1	1x15.0	1x100	1x11.0	10.9	2/16	3/12	5/8(1)	DD10x10 (1)	1(1)	1550 3100	5.2	4/12	16x25x1 (1) 20x25x1 (1)	9.9(1)	9.9(1)	1300	66
AP.6BDQTC 108Q	1	1x15.6	1x95.0	1x12.8	14.2	2/16	3/12	5/8(1)	DD10x10 (2)	0.75(2)	1850 3600	6.1	4/12	20x25x1 (2)	12.3(1)	12.3(1)	1500	66
AP.6BDQTC 125Q	1	1x16.8	1x114	1x14.1	14.2	3/14	3/12	5/8(1)	DD10x10 (2)	0.75(2)	2000 3900	6.6	4/12	20x25x1 (2)	13.2(1)	13.2(1)	1600	67
AP.6BDQTC 145Q	1	1x19.6	1x125	1x16.3	16.3	3/16	3/12	5/8(1)	DD10x10 (2)	1(2)	2600 5100	8.5	4/12	20x25x1 (2)	17.6(1)	17.6(1)	1750	67
AP.6BDQTC 160Q	1	1x22.3	1x125	1x18.2	19.5	2/16	3/12	5/8(2)	15x15 (1)	5.5(1)	3500 7000	11.7	3/12	20x20x2 (2) 20x25x2 (2)	16.0(1)	16.0(1)	2100	69
AP.6BDQTC 190Q	1	1x25.6	1x158	1x19.1	19.5	3/12	3/12	5/8(2)	15x15 (1)	5.5(1)	3500 7000	11.7	4/12	20x20x2 (2) 20x25x2 (2)	23.8(1)	23.8(1)	2300	70
AP.6BDQTC 220Q	1	1x30.0	1x187	1x24.1	19.5	3/16	4/12	5/8(2)	15x15 (1)	5.5(1)	3700 7300	12.3	4/12	20x20x2 (2) 20x25x2 (2)	25.3(1)	25.3(1)	2600	69
AP.6BDQTC 250Q	2	2x16.8	2x114	2x14.1	27.4	3/16	4/12	5/8(2)	18x13 (1)	7.5(1)	4400 8700	14.6	4/12	25x25x2 (4)	13.2(2)	13.2(2)	2800	71
AP.6BDQTC 290Q	2	2x19.6	2x125	2x16.3	27.4	4/16	5/12	5/8(2)	18x13 (1)	7.5(1)	5000 10000	16.7	4/12	25x25x2 (4)	17.6(2)	17.6(2)	3000	71
AP.6BDQTC 320Q	2	2x22.3	2x125	2x18.2	37.5	3/14	4/12	5/8(3)	18x18 (1)	10(1)	5850 11600	19.4	4/12	16x25x2 (2) 20x25x2 (4)	16.0(2)	16.0(2)	4000	71
AP.6BDQTC 380Q	2	2x25.6	2x158	2x19.1	37.5	4/14	5/12	5/8(3)	18x18 (1)	10(1)	6700 13400	22.6	4/12	16x20x2 (3) 20x20x2 (6)	23.8(2)	23.8(2)	4400	72
AP.6BDQTC 435Q	2	2x30.0	2x187	2x24.1	40.0	4/16	5/12	5/8(3)	450x450 (1)	20(1)	7000 14000	23.3	4/12	16x20x2 (3) 20x20x2 (6)	25.3(2)	25.3(2)	4700	72
AP.6BDQTC 480Q	3	3x22.3	3x125	3x18.2	48.3	3/14	4/12	5/8(4)	500x500 (1)	20(1)	8900 17900	29.7	3/12	20x20x2 (2) 20x25x2 (5) 25x25x2 (2)	16.0(3)	16.0(3)	5500	73
AP.6BDQTC 510Q	3	3x25.6	3x158	3x19.1	48.3	3/16	4/12	5/8(4)	500x500 (1)	20(1)	8900 17900	29.7	3/13	20x20x2 (2) 20x25x2 (5) 25x25x2 (2)	23.8(3)	23.8(3)	5700	73
AP.6BDQTC 570Q	3	2x25.6 1x30.0	2x158 1x187	2x19.1 1x24.1	48.3	4/14	5/12	5/8(4)	500x500 (1)	20(1)	8900 17900	29.7	4/10	20x20x2 (2) 20x25x2 (5) 25x25x2 (2)	23.8(2) 25.3(1)	23.8(2) 25.3(1)	5950	74
AP.6BDQTC 640Q	3	3x30.0	3x187	3x24.1	65.3	3/12	3/12	1.5(4)	560x560 (1)	30(1)	10000 20000	33.4	4/10	20x20x2 (4) 20x25x2 (8)	25.3(3)	25.3(3)	6500	79
AP.6BDQTC 700Q	4	4x25.6	4x158	4x19.1	65.3	3/14	4/12	1.5(4)	560x560 (1)	30(1)	10000 20000	33.4	4/12	20x20x2 (4) 20x25x2 (8)	23.8(4)	23.8(4)	6650	79
AP.6BDQTC 760Q	4	2x25.6 2x30.0	2x158 2x187	2x19.1 2x24.1	65.3	4/12	4/13	1.5(4)	560x560 (1)	30(1)	10400 20800	34.7	4/12	20x20x2 (4) 20x25x2 (8)	23.8(2) 25.3(2)	23.8(2) 25.3(2)	6750	79
AP.6BDQTC 800Q	4	4x30.0	4x187	4x24.1	94.0	3/16	4/12	1.5(4)	630x630 (1)	40(1)	13500 27000	45.1	4/10	20x20x2 (4) 20x25x2 (9) 25x25x2 (2)	25.3(4)	25.3(4)	7000	79
AP.6BDQTC 890Q	5	5x25.6	5x158	5x19.1	94.0	4/14	5/12	1.5(4)	630x630 (1)	40(1)	14000 28000	46.9	4/12	20x20x2 (4) 20x25x2 (9) 25x25x2 (2)	23.8(5)	23.8(5)	7100	79
AP.6BDQTC 960Q	6	6x22.3	6x125	6x18.2	94.0	4/16	5/12	1.5(4)	630x630 (1)	40(1)	14500 29000	48.6	4/12	20x20x2 (4) 20x25x2 (9) 25x25x2 (2)	16.0(6)	16.0(6)	7250	79
AP.6BDQTC 1020Q	6	2x25.6 4x22.3	2x158 4x125	2x19.1 4x18.2	123.0	3/16	4/12	1.5(4)	710x710 (1)	40(1)	16600 33300	55.6	4/10	20x20x2 (12) 20x25x2 (8)	16.0(4) 23.8(2)	16.0(4) 23.8(2)	8350	81
AP.6BDQTC 1140Q	6	4x25.6 2x30.0	4x158 2x187	4x19.1 2x24.1	123.0	4/14	5/12	1.5(4)	710x710 (1)	40(1)	19000 38300	63.9	4/10	20x25x2 (20)	23.8(4) 25.3(2)	23.8(4) 25.3(2)	9400	81
AP.6BDQTC 1340Q	6	6x30.0	6x187	6x24.1	129.0	4/16	5/12	1.5(4)	800x800 (1)	50(1)	21600 43300	72.2	4/10	20x20x2 (8) 20x25x2 (16)	25.3(6)	25.3(6)	10400	81
AP.6BDQTC 1520Q	8	6x25.6 2x30.0	6x158 2x187	6x19.1 2x24.1	129.0	4/16	5/12	1.5(4)	800x800 (1)	50(1)	21600 43300	72.2	5/10	20x20x2 (8) 20x25x2 (16)	23.8(6) 25.3(2)	23.8(6) 25.3(2)	11000	82

- Notes: 1) Evaporator Blower motor for AP.6BDQSC 30Q to 145Q is 220/240-1-60Hz and direct drive.
 2) Condenser fan motors voltage is 220/240-1-60Hz for model 30Q to 50Q.
 3) AP.6BDQSC 30Q & AP.6BDQSC 40Q is rotary compressor and the power supply is 230-1-60Hz.
 4) Sound Pressure Level is calculated based on nominal airflow at external static pressure of 0.5" WG (Model 30-145) / 1.5 WG (Model 160-1520), 3m (9.8ft) 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.
 5) LRA - Locked Rotor Amp.
 6) NRA - Nominal Running Amp.
 7) MRA - Maximum Running Amp.