

SPECIFICATIONS



TITAN SERIES



50Hz, R22/R407C

Model	Total Cooling Capacity		Comp. (Hermetic Scroll)	Condenser Coil		Condenser Fan		Evaporator Blower					Evaporator Coil		Air Filter	Estimated Refrigerant Charge	Estimated Unit Weight	Sound Pressure Level
	R22	R407C		Face Area, ft ²	Row/ FPI	Size (Qty)	Mtr hp (Qty)	Size		Mtr max. hp	Airflow (Nominal)		Face Area, ft ²	Row/ FPI				
	MBH [kW]	MBH [kW]	Qty					Standard	Alternate		CFM	m ³ /h			Inch (Qty)	Qty. x kg	kg	±2 dB(A)
AP.BDQTE50Q	49.4 [14.5]	48.4 [14.2]	1	16.4	2/16	26(1)	5/8(1)	10-8	9-7	3.0	1,700	2,888	4.3	3/12	20x20x2(2)	1 x 3.6	395	69
AP.BDQTE68Q	58.5 [17.2]	57.4 [16.8]	1	16.4	3/16	26(1)	5/8(1)	10-8	-	4.0	2,000	3,398	5.3	3/10	20x20x2(2)	1 x 3.7	413	69
AP.BDQTE81Q	70.5 [20.7]	69.1 [20.2]	1	16.4	3/16	26(1)	5/8(1)	10-8	-	4.0	2,400	4,078	5.3	3/12	20x20x2(2)	1 x 5.0	416	71
AP.BDQT95Q	81.1 [23.8]	79.5 [23.3]	1	21.6	2/16	26(2)	5/8(2)	12-12	10-8	4.0	2,800	4,757	5.3	3/12	20x20x2(2)	1 x 6.1	550	73
AP.BDQTE108Q	93.8 [27.5]	92.0 [27.0]	1	21.6	3/16	26(2)	5/8(2)	12-12	10-8	4.0	3,200	5,437	7.3	3/10	20x20x2(3)	1 x 6.6	579	74
AP.BDQT125Q	106.9 [31.3]	104.8 [30.7]	1	21.6	3/16	26(2)	5/8(2)	12-12	10-8	4.0	3,500	5,947	7.3	3/12	20x20x2(3)	1 x 6.6	580	74
AP.BDQTE145Q	119.7 [35.1]	117.4 [34.4]	1	30.8	3/16	630(2)	1.0(2)	15-15	12-12	5.5	4,000	6,796	9.9	3/10	12x24x2(2) 20x24x2(2)	1 x 7.7	823	75
AP.BDQTE160Q	133.8 [39.2]	131.2 [38.4]	1	30.8	3/16	630(2)	1.0(2)	15-15	12-12	5.5	4,600	7,815	9.9	3/12	12x24x2(2) 20x24x2(2)	1 x 11.6	832	77
AP.BDQTE190Q	154.6 [45.3]	151.6 [44.4]	1	30.8	4/16	630(2)	1.0(2)	15-15	12-12	5.5	4,800	8,155	9.9	3/14	12x24x2(2) 20x24x2(2)	1 x 12.7	863	79
AP.BDQT220Q	184.3 [54.0]	180.7 [52.9]	2	43.2	3/16	710(2)	2.0(2)	18-13	-	7.5	5,400	9,175	13.2	3/12	12x24x2(2) 20x24x2(2)	2 x 6.6	1,102	79
AP.BDQT250Q	207.4 [60.8]	203.3 [59.6]	2	43.2	3/16	710(2)	2.0(2)	18-13	-	7.5	6,400	10,874	13.2	3/14	12x24x2(2) 20x24x2(2)	2 x 6.6	1,105	80
AP.BDQT290Q	235.6 [69.0]	231.0 [67.7]	2	43.2	4/16	710(2)	2.0(2)	18-13	-	10.0	7,500	12,743	16.5	3/12	12x24x2(3) 20x24x2(3)	2 x 7.7	1,159	80
AP.BDQTE320Q	258.6 [75.8]	253.5 [74.3]	2	61.7	3/16	800(2)	3.0(2)	18-13 Twin	15-11 Twin	10.0	8,000	13,592	16.5	3/14	12x24x2(3) 20x24x2(3)	2 x 11.6	1,359	80
AP.BDQT380Q	313.9 [92.0]	307.7 [90.2]	2	61.7	4/16	800(2)	3.0(2)	18-13 Twin	15-11 Twin	15.0	9,200	15,631	21.4	3/14	20x24x2(3) 24x24x2(3)	2 x 12.7	1,476	80
AP.BDQTE435Q	376.2 [110.2]	368.8 [108.1]	3	92.5	3/16	630(2) 800(2)	1.0(2) 3.0(2)	18-18 Twin	18-13 Twin	15.0	11,700	19,878	21.4	3/14	20x24x2(3) 24x24x2(3)	3 x 7.7	1,699	80
AP.BDQTE480Q	398.1 [116.6]	390.3 [114.4]	3	92.5	3/16	630(2) 800(2)	1.0(2) 3.0(2)	18-18 Twin	18-13 Twin	20.0	12,000	20,388	27.4	3/12	12x24x2(3) 20x24x2(6)	3 x 11.6	1,744	80
AP.BDQTE510Q	416.5 [122.0]	408.3 [119.6]	3	92.5	4/16	630(2) 800(2)	1.0(2) 3.0(2)	18-18 Twin	18-13 Twin	20.0	14,000	23,786	27.4	3/12	12x24x2(3) 20x24x2(6)	2 x 11.6 1 x 12.7	1,822	81
AP.BDQTE570Q	480.0 [140.6]	470.6 [137.9]	3	92.5	4/16	630(2) 800(2)	1.0(2) 3.0(2)	18-18 Twin	18-13 Twin	20.0	15,000	25,485	27.4	4/14	12x24x2(3) 20x24x2(6)	3 x 12.7	1,851	84

Notes:

- Cooling capacity ratings in accordance with AHRI Standard 210/240 and 340/360.
- Ratings are based on nominal airflow with an evaporator dry/wet bulb temperatures of 80/67°F [27/19.4°C] and condenser entering air temperature of 115°F [46°C].
- Ratings are gross capacities. For net capacity deduct evaporator blower motor heat.
- Sound Pressure Level is calculated based on nominal airflow at external static pressure of 1.6" WG, 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.

SPECIFICATIONS



TITAN SERIES



60Hz, R22/R407C

Model	Total Cooling Capacity		Comp. (Hermetic Scroll)	Condenser Coil		Condenser Fan		Evaporator Blower				Evaporator Coil		Air Filter	Estimated Refrigerant Charge	Estimated Unit Weight	Sound Pressure Level	
	R22	R407C		Face Area, ft ²	Row/ FPI	Size (Qty)	Mtr hp (Qty)	Size		Mtr max. hp	Airflow (Nominal)		Face Area, ft ²					Row/ FPI
	MBH [kW]	MBH [kW]	Qty					Standard	Alternate		CFM	m ³ /h		Inch (Qty)	Qty. x kg	kg	±2 dB(A)	
AP.BDQTE50Q	51.3 [15.0]	50.3 [14.7]	1	16.4	2/16	26(1)	5/8(1)	10-8	9-7	3.0	1,700	2,888	4.3	3/12	20x20x2(2)	1 x 3.1	395	69
AP.BDQTE68Q	60.9 [17.8]	59.7 [17.5]	1	16.4	3/16	26(1)	5/8(1)	10-8	-	4.0	2,000	3,398	5.3	3/10	20x20x2(2)	1 x 3.6	413	69
AP.BDQTE81Q	73.3 [21.5]	71.9 [21.1]	1	16.4	3/16	26(1)	5/8(1)	10-8	-	4.0	2,400	4,078	5.3	3/12	20x20x2(2)	1 x 3.7	416	71
AP.BDQT95Q	84.3 [24.7]	82.7 [24.2]	1	21.6	2/16	26(2)	5/8(2)	12-12	10-8	4.0	2,800	4,757	5.3	3/12	20x20x2(2)	1 x 5.0	550	73
AP.BDQTE108Q	97.6 [28.6]	95.7 [28.0]	1	21.6	3/16	26(2)	5/8(2)	12-12	10-8	4.0	3,200	5,437	7.3	3/10	20x20x2(3)	1 x 6.1	579	74
AP.BDQT125Q	111.2 [32.6]	109.0 [31.9]	1	21.6	3/16	26(2)	5/8(2)	12-12	10-8	4.0	3,500	5,947	7.3	3/12	20x20x2(3)	1 x 6.6	580	74
AP.BDQTE145Q	124.5 [36.5]	122.1 [35.8]	1	30.8	3/16	630(2)	1.5(2)	15-15	12-12	5.5	4,000	6,796	9.9	3/10	12x24x2(2) 20x24x2(2)	1 x 6.6	823	75
AP.BDQTE160Q	139.2 [40.8]	136.4 [40.0]	1	30.8	3/16	630(2)	1.5(2)	15-15	12-12	5.5	4,600	7,815	9.9	3/12	12x24x2(2) 20x24x2(2)	1 x 7.7	832	77
AP.BDQTE190Q	160.8 [47.1]	157.7 [46.2]	1	30.8	4/16	630(2)	1.5(2)	15-15	12-12	5.5	4,800	8,155	9.9	3/14	12x24x2(2) 20x24x2(2)	1 x 11.6	863	79
AP.BDQT220Q	191.7 [56.2]	187.9 [55.1]	2	43.2	3/16	710(2)	3.0(2)	18-13	-	7.5	5,400	9,175	13.2	3/12	12x24x2(2) 20x24x2(2)	2 x 6.1	1,102	79
AP.BDQT250Q	215.7 [63.2]	211.4 [61.9]	2	43.2	3/16	710(2)	3.0(2)	18-13	-	7.5	6,400	10,874	13.2	3/14	12x24x2(2) 20x24x2(2)	2 x 6.6	1,105	80
AP.BDQT290Q	245.0 [71.8]	240.2 [70.4]	2	43.2	4/16	710(2)	3.0(2)	18-13	-	10.0	7,500	12,743	16.5	3/12	12x24x2(3) 20x24x2(3)	2 x 6.6	1,159	80
AP.BDQTE320Q	268.9 [78.8]	263.6 [77.2]	2	61.7	3/16	800(2)	4.0(2)	18-13 Twin	15-11 Twin	10.0	8,000	13,592	16.5	3/14	12x24x2(3) 20x24x2(3)	2 x 7.7	1,359	80
AP.BDQT380Q	326.4 [95.6]	320.0 [93.8]	2	61.7	4/16	800(2)	4.0(2)	18-13 Twin	15-11 Twin	15.0	9,200	15,631	21.4	3/14	20x24x2(3) 24x24x2(3)	2 x 11.6	1,476	80
AP.BDQTE435Q	391.2 [114.6]	383.6 [112.4]	3	92.5	3/16	630(2) 800(2)	1.5(2) 4.0(2)	18-18 Twin	18-13 Twin	15.0	11,700	19,878	21.4	3/14	20x24x2(3) 24x24x2(3)	3 x 6.6	1,699	80
AP.BDQTE480Q	414.0 [121.3]	405.9 [118.9]	3	92.5	3/16	630(2) 800(2)	1.5(2) 4.0(2)	18-18 Twin	18-13 Twin	20.0	12,000	20,388	27.4	3/12	12x24x2(3) 20x24x2(6)	3 x 7.7	1,744	80
AP.BDQTE510Q	433.1 [126.9]	424.6 [124.4]	3	92.5	4/16	630(2) 800(2)	1.5(2) 4.0(2)	18-18 Twin	18-13 Twin	20.0	14,000	23,786	27.4	3/12	12x24x2(3) 20x24x2(6)	3 x 11.6	1,822	81
AP.BDQTE570Q	499.2 [146.3]	489.4 [143.4]	3	92.5	4/16	630(2) 800(2)	1.5(2) 4.0(2)	18-18 Twin	18-13 Twin	20.0	15,000	25,485	27.4	4/14	12x24x2(3) 20x24x2(6)	2 x 11.6 1 x 12.7	1,851	84

Notes:

1. Cooling capacity ratings in accordance with AHRI Standard 210/240 and 340/360.
2. 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 115°F[46°C].
3. Ratings are gross capacities. For net capacity deduct evaporator blower motor heat.
4. Sound Pressure Level is calculated based on nominal airflow at external static pressure of 1.6" WG, 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.