



WATER COOLED PACKAGE UNITS

Lineup Production Portfolio Cooling & Heating

Reference	Hz	Capacity	
		MBH	kW
AP.XDQT18DY	50 / 60	17.5	5.1
AP.XDQT24DY	50 / 60	23.3	6.8
AP.XDQT28DY	50 / 60	27.1	8.0
AP.XDQT32DY	50 / 60	31.0	9.1
AP.XDQT35DY	50 / 60	33.9	9.9
AP.XDQT46DY	50 / 60	44.6	13.1
AP.XDQT56DY	50 / 60	54.3	15.9
AP.XDQT68DY	50 / 60	65.9	19.3
AP.XDQT81DY	50 / 60	78.5	23.0
AP.XDQT95DY	50 / 60	92.1	27.0
AP.XDQT108DY	50 / 60	104.7	30.7
AP.XDQT125DY	50 / 60	118.3	34.7
AP.XDQT145DY	50 / 60	140.6	41.2
AP.XDQT160DY	50 / 60	155.1	45.5
AP.XDQT190DY	50 / 60	184.2	54.0
AP.XDQT220DY	50 / 60	213.3	62.5
AP.XDQT250DY	50 / 60	242.4	71.0
AP.XDQT290DY	50 / 60	279.2	81.8



Reference	Hz	Capacity	
		MBH	kW
AP.XDQT68C	50	66.0	19.3
AP.XDQT81C	50 / 60	78.6	23.0
AP.XDQT95C	50 / 60	92.1	27.0
AP.XDQT108C	50 / 60	106.3	31.2
AP.XDQT125C	50 / 60	121.3	35.5
AP.XDQT145C	50 / 60	140.7	41.2
AP.XDQT160C	50 / 60	155.2	45.5
AP.XDQT190C	50 / 60	184.3	54.0
AP.XDQT220C	50 / 60	213.4	62.5
AP.XDQT250C	50 / 60	242.5	71.1
AP.XDQT290C	50 / 60	279.4	81.9
AP.XDQT320C	50 / 60	310.4	91.0
AP.XDQT380C	50 / 60	368.6	108.0
AP.XDQT435C	50 / 60	422.0	123.7
AP.XDQT480C	50 / 60	465.6	136.5
AP.XDQT510C	50 / 60	494.7	145.0
AP.XDQT570C	50 / 60	552.9	162.0
AP.XDQT640C	50 / 60	620.8	181.9
AP.XDQT700C	50 / 60	679.0	199.0
AP.XDQT760C	50 / 60	737.2	216.1
AP.XDQT800C	50 / 60	776.0	227.4
AP.XDQT860C	50 / 60	834.2	244.5
AP.XDQT950C	50 / 60	921.5	270.1
AP.XDQT1140C	50 / 60	1105.8	324.1
AP.XDQT1340C	50 / 60	1299.8	380.9
AP.XDQT1520C	50 / 60	1474.4	432.1



Notes: 1) Ratings Are Gross Capacities - For Net Capacities, Deduct Evaporator Blower Motor Heat.
 2) Cooling Mode: At 80 °F (DB), 67 °F (WB) Air on Evaporator And 95°F Ambient Condenser Water Leaving Temperature.
 3) R22 performance data can be estimated from the above data by applying below factor: +3% on cooling capacity, -2% on compressor kW input.



PHYSICAL SPECIFICATIONS



50Hz

Model	Compressor				Cond.	Blower Section							Evaporator Coil		Approx. Refrigerant Charge	Approx. Operating Weight (lbs)	
	Qty	Nominal Power Supply	LRA	NRA		Min-Max Usgpm	Blower			Motor			Fan Air Flow	Rows			Total Face Area ft ²
							Type of Drive	Qty	Dia x Width inches	Max HP	FLA	LRA	Min - Max CFM				
AP.XDQT18DY	1	230V-1-50Hz	1x36	1x7.7	4/9	Direct	1	9x7	0.25	1.4	-	450/850	3	1.9	1x4.80	220	
AP.XDQT24DY	1	230V-1-50Hz	1x49	1x8.9	5/12	Direct	1	9x7	0.33	2.6	-	600/1100	3	2.2	1x5.17	300	
AP.XDQT28DY	1	230V-1-50Hz	1x60	1x10.4	6/15	Direct	1	9x7	0.33	2.6	-	700/1200	3	2.6	1x5.5	300	
AP.XDQT32DY	1	230V-1-50Hz	1x62	1x12.1	6/15	Direct	1	10x8	0.33	3.3	-	900/1300	3	3.0	1x5.72	320	
AP.XDQT35DY	1	230V-1-50Hz	1x62	1x12.1	8/16	Direct	1	10x8	0.5	4.5	-	1000/1500	3	3.0	1x5.83	320	
AP.XDQT46DY	1	230V-1-50Hz	1x45	1x6.8	10/20	Direct	1	10x10	0.5	4.5	-	1300/1800	3	4.0	1x6.27	440	
AP.XDQT56DY	1	230V-1-50Hz	1x56	1x8.2	12/22	Direct	1	10x10	0.75	5.6	-	1500/1900	4	4.0	1x7.70	480	
AP.XDQT68DY	1	400V-3-50Hz	1x45	1x9.3	15/25	Belt	1	10x10	1.5	2.8	15.4	1700/2900	3	5.3	1x8.30	650	
AP.XDQT81DY	1	400V-3-50Hz	1x101	1x8.8	15/30	Belt	1	10x10	4.0	6.4	41.7	1900/3000	4	6.3	1x9.90	800	
AP.XDQT95DY	1	400V-3-50Hz	1x95	1x10.0	20/40	Belt	1	12x12	4.0	6.4	41.7	2800/4200	3	7.2	1x12.3	928	
AP.XDQT108DY	1	400V-3-50Hz	1x114	1x11.1	22/45	Belt	1	12x12	4.0	6.4	41.7	3000/4600	3	8.4	1x13.2	974	
AP.XDQT125DY	1	400V-3-50Hz	1x125	1x12.8	22/45	Belt	1	12x12	4.0	6.4	41.7	3000/4600	4	8.3	1x13.2	974	
AP.XDQT145DY	1	400V-3-50Hz	1x125	1x16.2	25/45	Belt	1	12x12	4.0	6.4	41.7	3300/5300	4	9.2	1x16.0	1150	
AP.XDQT160DY	1	400V-3-50Hz	1x167	1x16.3	30/50	Belt	1	12x12	5.5	8.3	56.4	3400/5500	4	9.2	1x23.8	1497	
AP.XDQT190DY	1	400V-3-50Hz	1x198	1x20.0	35/65	Belt	1	15x15	7.5	11.3	77.5	3500/6000	4	10.1	1x25.3	1740	
AP.XDQT220DY	2	400V-3-50Hz	1x95 1x125	1x10.0 1x12.8	45/80	Belt	1	18x18	7.5	11.3	77.5	4300/7200	4	12.1	1x11.3 1x15.1	1978	
AP.XDQT250DY	2	400V-3-50Hz	2x125	2x12.8	50/90	Belt	1	18x18	10	14.9	98.8	5100/9000	3	15.4	2x17.6	2241	
AP.XDQT290DY	2	400V-3-50Hz	2x125	2x16.2	60/100	Belt	1	18x18	10	14.9	98.8	5600/9200	4	15.4	2x20.7	2465	

60Hz

AP.6XDQ18DY	1	230V-1-60Hz	1x39	1x7.6	4/9	Direct	1	9x7	0.2	1.9	-	450/850	3	1.9	1x4.8	220
AP.6XDQ24DY	1	230V-1-60Hz	1x56	1x9.6	5/12	Direct	1	9x7	0.2	1.8	-	600/1100	3	2.2	1x5.2	300
AP.6XDQ28DY	1	230V-1-60Hz	1x56	1x11.0	6/15	Direct	1	9x7	0.2	1.8	-	700/1200	3	2.6	1x5.5	300
AP.6XDQ32DY	1	230V-1-60Hz	1x70	1x13.1	6/15	Direct	1	10x8	0.6	4.1	-	900/1300	3	3.0	1x5.7	320
AP.6XDQ35DY	1	230V-1-60Hz	1x70	1x13.1	8/16	Direct	1	10x8	0.8	4.8	-	1000/1500	3	3.0	1x5.8	320
AP.6XDQ46DY	1	230V-1-60Hz	1x140	1x15.5	10/20	Direct	1	10x10	0.8	5.0	-	1300/1800	3	4.0	1x6.3	440
AP.6XDQ56DY	1	230V-1-60Hz	1x51	1x5.4	12/22	Direct	1	10x10	1.0	7.1	-	1500/1900	4	4.0	1x7.7	480
AP.6XDQ68DY	1	460V-3-60Hz	1x55	1x6.7	15/25	Belt	1	10x10	1.5	2.2	14.5	1700/2900	3	5.3	1x8.3	650
AP.6XDQ81DY	1	460V-3-60Hz	1x72	1x7.7	15/30	Belt	1	10x10	4.0	5.2	42.5	1900/3000	4	5.3	1x9.9	800
AP.6XDQ95DY	1	460V-3-60Hz	1x101	1x9.6	20/40	Belt	1	12x12	4.0	5.2	42.5	2800/4200	3	7.2	1x12.3	928
AP.6XDQ108DY	1	460V-3-60Hz	1x95	1x11.1	22/45	Belt	1	12x12	4.0	5.2	42.5	3000/4600	3	8.4	1x13.2	974
AP.6XDQ125DY	1	460V-3-60Hz	1x114	1x12.2	22/45	Belt	1	12x12	4.0	5.2	42.5	3000/4600	4	8.3	1x13.2	974
AP.6XDQ145DY	1	460V-3-60Hz	1x125	1x13.8	25/45	Belt	1	12x12	4.0	5.2	42.5	3300/5300	4	9.2	1x16.0	1150
AP.6XDQ160DY	1	460V-3-60Hz	1x125	1x15.4	30/50	Belt	1	12x12	5.5	7.4	52.5	3400/5500	4	9.2	1x23.8	1497
AP.6XDQ190DY	1	460V-3-60Hz	1x167	1x16.0	35/65	Belt	1	15x15	7.5	9.5	67.5	3500/6000	4	10.1	1x25.3	1740
AP.6XDQ220DY	1	460V-3-60Hz	1x198	1x20.0	45/80	Belt	1	18x18	7.5	9.5	67.5	4300/7200	4	12.1	1x25.3	1978
AP.6XDQ250DY	2	460V-3-60Hz	1x125 1x95	1x13.8 1x11.1	50/90	Belt	1	18x18	10	11.9	85.0	5100/9000	3	15.4	2x17.6	2241
AP.6XDQ290DY	2	460V-3-60Hz	2x125	2x13.8	60/100	Belt	1	18x18	10	11.9	85.0	5600/9200	4	15.4	2x20.7	2465

- Notes: 1) NRA = Nominal Running Ampere.
 2) LRA = Locked Rotor Ampere.
 3) FLA = Full Load Ampere.
 4) Minimum-maximum voltage is 230V± 10%, 400V ± 10%, 460V ± 10%.
 5) For other power supply requirements, please contact the American pro sales office.



PHYSICAL SPECIFICATIONS



Model	Compressor					Cond. Min-Max USgpm	Blower Section						Evaporator Coil		Approx. Refrigerant Charge Comp. Qty x lbs	Approx. Operating Weight (lbs)
	Qty	Nominal Power Supply	MRA	LRA	NRA		Blower		Motor			Fan Air Flow	Rows	Total Face Area ft ²		
							Qty	Dia x Width inches	Max HP	FLA	LRA	Min - Max CFM				
AP.XDQT68C	1	400V-3-50Hz	1x14.0	1x74	1x8.2	7 24	1	10x10	1	-	-	-	3	5.2	1x8.3	635
AP.XDQT81C	1	400V-3-50Hz	1x17.0	1x101	1x9.1	8 29	1	12x12	1	-	-	-	3	5.7	1x9.9	762
AP.XDQT95C	1	400V-3-50Hz	1x23.0	1x95	1x13.0	9 33	1	12x12	1	-	-	-	3	6.1	1x12.3	840
AP.XDQT108C	1	400V-3-50Hz	1x24.2	1x114	1x13.1	11 38	1	12x12	3	4.8	38	1980 3630	3	6.6	1x13.2	975
AP.XDQT125C	1	400V-3-50Hz	1x26.9	1x125	1x14.7	13 44	1	12x12	4	6.4	42	2250 4125	3	7.6	1x17.6	1350
AP.XDQT145C	1	400V-3-50Hz	1x27.5	1x125	1x16.0	15 51	1	12x12	4	6.4	42	2380 4355	4	7.6	1x16.0	1368
AP.XDQT160C	1	400V-3-50Hz	1x34.0	1x167	1x18.9	16 56	1	12x12	4	6.4	42	2380 4355	3	11.3	1x23.8	1397
AP.XDQT190C	1	400V-3-50Hz	1x37.0	1x198	1x26.6	19 67	1	15x15	7.5	11.3	78	3970 7270	3	12.0	1x25.3	1750
AP.XDQT220C	2	400V-3-50Hz	1x23.0 1x26.9	1x95 1x125	1x13.0 1x14.7	22 76	1	15x15	7.5	11.3	78	4600 8440	3	15.1	1x13.3 1x17.6	1880
AP.XDQT250C	2	400V-3-50Hz	2x26.9	2x125	2x14.7	25 88	1	15x15	7.5	11.3	78	4960 9090	3	16.3	2x17.6	1980
AP.XDQT290C	2	400V-3-50Hz	1x26.9 1x34.0	1x125 1x167	2x16.0	29 100	1	18x13	15	21.5	145	6020 11040	3	19.8	1x17.6 1x23.8	2375
AP.XDQT320C	2	400V-3-50Hz	2x34.0	2x167	2x18.9	32 112	1	18x13	15	21.5	145	6375 11690	3	20.9	2x23.8	2700
AP.XDQT380C	2	400V-3-50Hz	2x37.0	2x198	2x26.6	38 133	1	18x18	15	21.5	145	6375 11690	4	20.9	2x25.3	3150
AP.XDQT435C	3	400V-3-50Hz	2x34.0 1x27.5	2x167 1x125	3x16.0	45 156	1	18x18	20	29.2	200	7080 13000	4	23.6	1x17.6 2x23.8	3372
AP.XDQT480C	3	400V-3-50Hz	3x34.0	3x167	3x18.9	48 168	1	20x20	20	29.2	200	9000 16500	3	30.0	3x23.8	4264
AP.XDQT510C	3	400V-3-50Hz	2x34.0 1x37.0	2x167 1x198	2x18.9 1x26.6	51 178	1	22x22	20	29.2	200	9000 16500	3	30.0	2x23.8 1x25.3	4264
AP.XDQT570C	3	400V-3-50Hz	3x37.0	3x198	3x26.6	57 200	1	22x22	20	29.2	200	9000 16500	4	30.0	3x25.3	4640
AP.XDQT640C	4	400V-3-50Hz	4x34.0	4x167	4x18.9	64 224	1	22x22	30	41.2	275	10800 19800	4	36.0	4x23.8	6260
AP.XDQT700C	4	400V-3-50Hz	2x34.0 2x37.0	2x167 2x198	2x18.9 2x26.6	70 245	1	22x22	30	41.2	275	11500 21200	4	37.9	2x23.8 2x25.3	6300
AP.XDQT760C	4	400V-3-50Hz	4x37.0	4x198	4x26.6	76 266	1	25x25	30	41.2	275	12200 32340	4	40.6	4x25.3	6521
AP.XDQT800C	5	400V-3-50Hz	5x34.0	5x167	5x18.9	80 280	1	25x25	40	55.6	375	16150 29620	3	50.6	5x23.8	6972
AP.XDQT860C	5	400V-3-50Hz	2x37.0 3x34.0	2x198 3x167	3x18.9 2x26.6	89 312	1	28x28	40	55.6	375	16150 29620	3	50.6	3x23.8 2x25.3	7480
AP.XDQT950C	5	400V-3-50Hz	5x37.0	5x198	5x26.6	96 336	1	28x28	40	55.6	375	16150 29620	4	50.6	5x25.3	7750
AP.XDQT1140C	6	400V-3-50Hz	6x37.0	6x198	6x26.6	114 399	2	22x22	50	67.4	465	20000 36770	4	70.8	6x25.3	8790
AP.XDQT1340C	8	400V-3-50Hz	2x37.0 6x34.0	2x198 6x167	2x18.9 6x26.6	134 469	2	22x22	50	67.4	465	21200 38870	4	70.8	6x23.8 2x25.3	9122
AP.XDQT1520C	8	400V-3-50Hz	8x37.0	8x198	8x26.6	152 532	2	22x22	50	67.4	465	21200 38870	5	70.8	8x25.3	9240

- Notes:
- 1) LRA = Locked rotor ampere.
 - 2) NRA = Nominal running ampere.
 - 3) FLA = Full load ampere.
 - 4) MRA = Maximum running ampere.
 - 5) Minimum-maximum voltage is 400V ± 10%.
 - 6) Filter is 1 inch thick.
 - 7) Blower for model AP.XDQT68C to 95C as direct driven.
 - 8) For other power supply requirements, please contact the American Pro sales office



PHYSICAL SPECIFICATIONS



60Hz

Model	Compressor					Cond. Min- Max Usgpm	Blower Section					Evaporator Coil		Approx. Refrigerant Charge Comp. Qty x lbs	Approx. Operating Weight (lbs)	
	Qty	Nominal Power Supply	MRA	LRA	NRA		Blower		Motor			Fan Air Flow	Rows			Total Face Area ft ²
							Qty	Dia x Width inches	Max HP	FLA	LRA	Min - Max CFM				
AP.6XDQT81C	1	230V-1-60Hz	1x14.0	1x74	1x7.4	8 29	1	12x12	1	-	-	-	3	5.7	1x8.3	762
AP.6XDQT95C	1	230V-1-60Hz	1x17.0	1x101	1x9.6	9 33	1	12x12	1	-	-	-	3	6.2	1x9.9	840
AP.6XDQT108C	1	460V-3-60Hz	1x23.0	1x95	1x10.7	13 44	1	12x12	4	5.4	29	2250 4125	3	6.6	1x12.3	1350
AP.6XDQT125C	1	460V-3-60Hz	1x24.2	1x114	1x12.2	13 44	1	12x12	4	5.4	29	2250 4125	3	7.6	1x13.2	1350
AP.6XDQT145C	1	460V-3-60Hz	1x26.9	1x125	1x13.9	15 51	1	12x12	4	5.4	29	2380 4355	4	7.6	1x17.6	1368
AP.6XDQT160C	1	460V-3-60Hz	1x27.5	1x125	1x15.8	16 56	1	12x12	4	5.4	29	2380 4355	3	11.3	1x16	1397
AP.6XDQT190C	1	460V-3-60Hz	1x34.0	1x167	1x16	19 67	1	15x15	7.5	9.3	60	3970 7270	3	12.0	1x23.8	1750
AP.6XDQT220C	1	460V-3-60Hz	1x37.0	1x198	1x20	22 76	1	15x15	7.5	9.3	60	4600 8440	3	15.1	1x25.3	1880
AP.6XDQT250C	2	460V-3-60Hz	1x23.0 1x26.9	1x95 1x125	1x10.7 1x13.9	25 88	1	15x15	7.5	9.3	60	4960 9090	3	16.3	1x12.3 1x17.6	1980
AP.6XDQT290C	2	460V-3-60Hz	2x26.9	2x125	2x13.9	29 100	1	18x13	15	17.8	111	6020 11040	3	19.8	2x17.6	2375
AP.6XDQT320C	2	460V-3-60Hz	2x27.5	2x125	2x15.8	32 112	1	18x13	15	17.8	111	6375 11690	3	20.9	2x16.0	2700
AP.6XDQT380C	2	460V-3-60Hz	2x34.0	2x167	2x16	38 133	1	18x18	15	17.8	111	6375 11690	4	20.9	2x23.8	3150
AP.6XDQT435C	2	460V-3-60Hz	2x37.0	2x198	2x20	45 156	1	18x18	20	23.7	144	7080 13000	4	23.6	2x25.3	3372
AP.6XDQT480C	3	460V-3-60Hz	1x34.0 2x26.9	1x167 2x125	1x16 2x13.9	48 168	1	20x20	20	23.7	144	9000 16500	3	30.0	1x23.8 2x17.6	4264
AP.6XDQT510C	3	460V-3-60Hz	3x27.5	3x125	3x15	51 178	1	22x22	20	23.7	144	9000 16500	3	30.0	3x16.0	4264
AP.6XDQT570C	3	460V-3-60Hz	3x34.0	3x167	3x16	57 200	1	22x22	20	23.7	144	9000 16500	4	30.0	3x23.8	4640
AP.6XDQT640C	3	460V-3-60Hz	2x37.0 1x34.0	2x198 1x167	2x20 1x16	64 224	1	22x22	30	34.8	211	10800 19800	4	36.0	2x25.3 1x23.8	6260
AP.6XDQT700C	4	460V-3-60Hz	2x34.0 2x27.5	2x167 2x125	2x16 2x15.8	70 245	1	22x22	30	34.8	211	11500 21200	4	37.9	2x23.8 2x16.0	6300
AP.6XDQT760C	4	460V-3-60Hz	4x34.0	4x167	4x16	76 266	1	22x22	30	34.8	211	12200 32340	4	40.6	4x23.8	6521
AP.6XDQT800C	4	460V-3-60Hz	3x34.0 1x37.0	3x167 1x198	3x16 1x20	80 280	1	25x25	40	47.1	291	16150 29620	3	50.6	3x23.8 1x25.3	6972
AP.6XDQT860C	4	460V-3-60Hz	3x37.0 1x34.0	3x198 1x167	3x20 1x16	89 312	1	28x28	40	47.1	291	16150 29620	3	50.6	1x23.8 3x25.3	7480
AP.6XDQT950C	5	460V-3-60Hz	2x37.0 2x34.0 1x23.0	2x198 2x167 1x95	2x20 2x16 1x10.7	96 336	1	28x28	40	47.1	291	16150 29620	4	50.6	2x23.8 2x25.3 1x12.3	7750
AP.XDQT1140C	5	460V-3-60Hz	5x37.0	5x198	5x20	114 399	2	22x22	50	58.5	363	20000 36770	4	70.8	5x25.3	8790
AP.XDQT1340C	6	460V-3-60Hz	6x37.0	6x198	6x20	134 469	2	22x22	50	58.5	363	21200 38870	4	70.8	6x25.3	9122
AP.XDQT1520C	7	460V-3-60Hz	5x37.0 2x34.0	5x198 2x167	5x20 2x16	152 532	2	22x22	50	58.5	363	21200 38870	5	70.8	5x25.3 2x23.8	9240

- Notes:**
- 1) LRA = Locked rotor ampere.
 - 2) NRA = Nominal running ampere.
 - 3) FLA = Full load ampere.
 - 4) MRA = Maximum running ampere.
 - 5) Minimum-maximum voltage is 460V ± 10%.
 - 6) Filter is 1 inch thick.
 - 7) Blower for model AP.6XDQT81C to 95C as direct driven.
 - 8) For other power supply requirement, please contact the American Pro sales office.