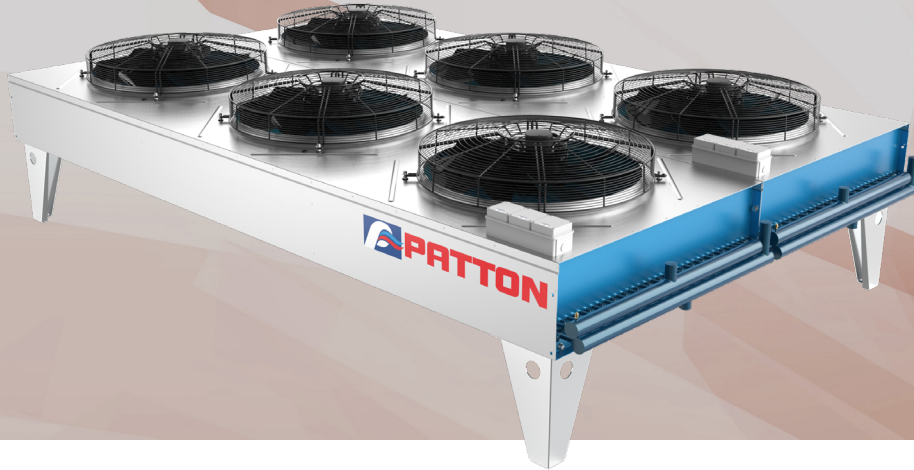


Air Cooled Condensers



- Highly efficient external rotor fan motors give optimum performance with low noise levels.
- Multiple fans and modules for flexibility of head pressure control.
- Optional EC Fans are available (1).
- Condensers supplied with "Patton Coat" fin and coil protective coating.
- Optional multi-section refrigerant and subcooling circuits available to special order.
- Optional horizontal airflow arrangement available.

WQAC



7.1

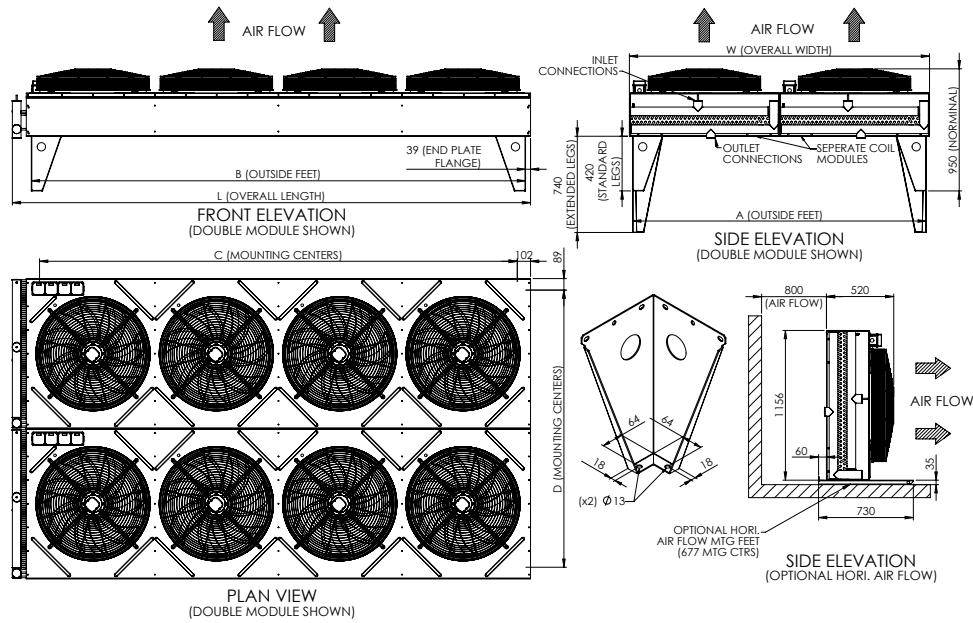
65

kW
(1KTD)

CAPACITY THR (kW)

MODEL	R404A		R134a		R449A		dBA - Hi Speed (2)			dBA - Low Speed (2)		
	High Speed (920 rpm)	Low Speed (770 rpm)	High Speed (920 rpm)	Low Speed (770 rpm)	High Speed (920 rpm)	Low Speed (770 rpm)	1.0m	3.0m	10.0m	1.0m	3.0m	10.0m
	1KTD	1KTD	1KTD	1KTD	1KTD	1KTD						
Single Module												
WQAC3500	8.97	7.36	8.79	7.21	8.61	7.07	79	75	69	69	63	59
WQAC4000	9.37	8.22	9.18	8.06	9.00	7.89	81	78	71	72	66	62
WQAC5000	11.11	9.44	10.89	9.25	10.67	9.06	80	77	70	71	65	61
WQAC6000	13.28	11.45	13.01	11.22	12.75	10.99	80	77	70	71	65	61
WQAC7500	16.23	14.14	15.91	13.86	15.58	13.57	82	78	72	72	66	62
Double Module												
WQAC7002	17.94	14.72	17.58	14.43	17.22	14.13	82	78	72	72	66	62
WQAC8002	18.74	16.44	18.37	16.11	17.99	15.78	85	81	75	75	69	65
WQAC10002	22.22	18.88	21.78	18.50	21.33	18.12	84	80	74	74	68	64
WQAC12002	26.56	22.90	26.03	22.44	25.50	21.98	84	80	74	74	68	64
WQAC15002	32.46	28.28	31.81	27.71	31.16	27.15	85	81	75	75	69	65
Three Module												
WQAC10503	26.91	22.08	26.37	21.64	25.83	21.20	84	80	74	74	68	64
WQAC12003	28.11	24.66	27.55	24.17	26.99	23.67	88	84	78	77	71	67
WQAC15003	33.33	28.32	32.66	27.75	32.00	27.19	87	83	77	76	70	66
WQAC18003	39.84	34.35	39.04	33.66	38.25	32.98	87	83	77	76	70	66
WQAC22503	48.69	42.42	47.72	41.57	46.74	40.72	88	84	78	77	71	67
Four Module												
WQAC14004	35.88	29.44	35.16	28.85	34.44	28.26	85	81	75	75	69	65
WQAC16004	37.48	32.88	36.73	32.22	35.98	31.56	89	85	79	78	72	68
WQAC20004	44.44	37.76	43.55	37.00	42.66	36.25	88	84	78	77	71	67
WQAC24004	53.12	45.80	52.06	44.88	51.00	43.97	88	84	78	77	71	67
WQAC30004	64.92	56.56	63.62	55.43	62.32	54.30	90	86	80	78	72	68

DIMENSIONS



NTS (mm)

TECHNICAL DATA

MODEL	Fan Motors (380-420V/3/50)								Coil				DIMENSIONS (mm)						Wgt (kg)
	Qty.	Dia. (mm)	Total Air Vol. (m3/hr)		Electrical - Hi Spd (Total Fans)		Electrical - Low Spd (Total Fans)		Std Connections. (F.Sw)		Circ #	Circ Vol. (dm3)	L	W	B	A	C	D	
			Hi Spd	Low Spd	FLA	Watts	FLA	Watts	Inlet	Outlet									
SINGLE MODULE - SUPPLIED SEPARATELY AS 1 x SINGLE MODULE & 1 x MTG KIT (3)																			
WQAC3500	2	800	37500	32400	7.0	2400	4.2	1860	1 x 1-5/8"	1 x 1-5/8"	18	59	2282	1156	2130	1106	2003	979	237
WQAC4000	3	800	56250	51000	10.5	3600	6.3	2790	1 x 1-5/8"	1 x 1-5/8"	18	47	3670	1156	3510	1106	3383	979	269
WQAC5000	3	800	55620	49200	10.5	3600	6.3	2790	1 x 2-1/8"	1 x 2-1/8"	24	64	3670	1156	3510	1106	3383	979	297
WQAC6000	3	800	52650	49500	10.5	3600	6.3	2790	1 x 2-5/8"	1 x 2-5/8"	36	94	3695	1156	3510	1106	3383	979	377
WQAC7500	4	800	68400	62000	14.0	4800	8.4	3720	1 x 2-5/8"	1 x 2-5/8"	36	102	3995	1156	3810	1106	3681	979	434
DOUBLE MODULE - SUPPLIED SEPARATELY AS 2 x SINGLE MODULE & 1 x MODULE KIT (4)																			
WQAC7002	4	800	75000	64800	14.0	4800	8.4	3720	2 x 1-5/8"	2 x 1-5/8"	36	118	2282	2312	2130	2262	2003	2135	479
WQAC8002	6	800	112500	102000	21.0	7200	12.6	5580	2 x 1-5/8"	2 x 1-5/8"	36	94	6702	2312	3510	2262	3383	2135	543
WQAC10002	6	800	111240	98400	21.0	7200	12.6	5580	2 x 2-1/8"	2 x 2-1/8"	48	128	3670	2312	3510	2262	3383	2135	599
WQAC12002	6	800	105300	99000	21.0	7200	12.6	5580	2 x 2-5/8"	2 x 2-5/8"	72	188	3695	2312	3510	2262	3383	2135	759
WQAC15002	8	800	136800	124000	28.0	9600	16.8	7440	2 x 2-5/8"	2 x 2-5/8"	72	204	995	2312	3810	2262	3681	2135	873
THREE MODULE - SUPPLIED SEPARATELY AS 3 x SINGLE MODULE & 1 x MODULE KIT (4)																			
WQAC10503	6	800	112500	97200	21.0	7200	12.6	5580	3 x 1-5/8"	3 x 1-5/8"	54	177	2282	3468	2130	1106 + 2262	2003	2135 + 979	717
WQAC12003	9	800	168750	153000	31.5	10800	18.9	8370	3 x 1-5/8"	3 x 1-5/8"	54	141	3670	3468	3510	1106 + 2262	3383	2135 + 979	813
WQAC15003	9	800	166860	147600	31.5	10800	18.9	8370	3 x 2-1/8"	3 x 2-1/8"	72	192	3670	3468	3510	1106 + 2262	3383	2135 + 979	897
WQAC18003	9	800	157950	148500	31.5	10800	18.9	8370	3 x 2-5/8"	3 x 2-5/8"	108	282	3695	3468	3510	1106 + 2262	3383	2135 + 979	1137
WQAC22503	12	800	205200	186000	42.0	14400	25.2	11160	3 x 2-5/8"	3 x 2-5/8"	108	306	3995	3468	3810	1106 + 2262	3681	2135 + 979	1308
FOUR MODULE - SUPPLIED SEPARATELY AS 4 x SINGLE MODULE & 1 x MODULE KIT (4)																			
WQAC14004	8	800	150000	129600	28.0	9600	16.8	7440	4 x 1-5/8"	4 x 1-5/8"	72	236	2282	4624	2130	2262 + 2262	2003	2135 + 2135	959
WQAC16004	12	800	225000	204000	42.0	14400	25.2	11160	4 x 1-5/8"	4 x 1-5/8"	72	188	3670	4624	3510	2262 + 2262	3383	2135 + 2135	1087
WQAC20004	12	800	222480	196800	42.0	14400	25.2	11160	4 x 2-1/8"	4 x 2-1/8"	96	256	3670	4624	3510	2262 + 2262	3383	2135 + 2135	1199
WQAC24004	12	800	210600	198000	42.0	14400	25.2	11160	4 x 2-5/8"	4 x 2-5/8"	144	376	3695	4624	3510	2262 + 2262	3383	2135 + 2135	1519
WQAC30004	16	800	273600	248000	56.0	1920	33.6	14880	4 x 2-5/8"	4 x 2-5/8"	144	408	3995	4624	3810	2262 + 2262	3681	2135 + 2135	1747

NOTES:

- For more information on EC fans please contact your local Patton branch. EC fans can be supplied with a fan speed controller on request.
- Sound level data "free field" in accordance with ISO3741 to be used as a guide only.
- MTG Kit - Mounting legs and hardware.
- Module Kit - Module bracket, mounting legs and hardware.
- Refrigerant capacity correction factors:
R404A R449A R410A R407F R407C
1.0 0.96 1.02 0.95 0.95