



**Breeze
Air Cooled
Condenser**



Features

- ❖ Advanced smart circuitry and double sine wave coil technology designed to save input energy and maximize the coil performance
- ❖ Low oil retention for better heat transfer coefficients
- ❖ All fans are compartmented for better efficiency and fan cycling options
- ❖ Budgetary, robust and quality design
- ❖ Powder coated casing as optional with additional costs

MPC - Technical Data

Model	Capacity		No. of Fan (mm)	Fan Motor			Air Flow (m ³ /h)	Noise Level dB(A)		Connections(mm)	
	R22 kW 15 KTD	R404A kW 15 KTD		(rpm)	(Watts)	(Amps)		3m	10m	Inlet	Outlet
MPC 0080.301	4.08	4.04	1 × 300	1,380	100	0.44	1,606	58	46	15.9	12.7
MPC 0100.301	5.23	5.17	1 × 300	1,380	100	0.44	1,559	58	46	15.9	12.7
MPC 0150.301	6.01	5.95	1 × 300	1,380	100	0.44	1,498	58	46	15.9	12.7
MPC 0151.351	8.41	8.31	1 × 350	1,400	210	0.95	3,060	60	49	15.9	12.7
MPC 0200.351	9.29	9.19	1 × 350	1,400	210	0.95	2,988	60	49	15.9	12.7
MPC 0201.351	9.56	9.45	1 × 350	1,400	210	0.95	2,880	60	49	15.9	12.7
MPC 0300.401	10.65	10.53	1 × 400	1,350	190	0.50	3,672	63	51	22.2	15.9
MPC 0301.401	11.04	10.92	1 × 400	1,350	190	0.50	3,589	63	51	22.2	15.9
MPC 0400.352	16.86	16.67	2 × 350	1,400	420	1.90	5,906	69	55	15.9	12.7
MPC 0302.401	12.10	11.96	1 × 400	1,350	190	0.50	3,510	63	51	22.2	15.9
MPC 0500.501	16.97	16.79	1 × 500	1,350	750	1.50	7,996	74	63	28.6	15.9
MPC 0600.501	22.23	21.98	1 × 500	1,350	750	1.50	7,812	74	63	28.6	15.9
MPC 0600.402	25.62	25.34	2 × 400	1,350	380	1.00	7,114	72	62	28.6	22.2
MPC 0750.501	26.06	25.77	1 × 500	1,350	750	1.50	7,632	74	63	28.6	22.2
MPC 0750.402	27.54	27.24	2 × 400	1,350	380	1.00	6,992	72	62	28.6	22.2
MPC 0751.501	28.20	27.89	1 × 500	1,350	750	1.50	7,452	74	63	28.6	22.2
MPC 0850.631	38.54	38.11	1 × 630	900	850	1.80	10,668	73	61	28.6	22.2
MPC 1000.502	45.13	44.63	2 × 500	1,350	1,500	3.00	11,670	76	65	28.6	22.2
MPC 1200.631	44.56	44.07	1 × 630	900	850	1.80	10,458	73	61	28.6	22.2
MPC 1201.631	48.43	47.89	1 × 630	900	850	1.80	10,260	73	61	28.6	22.2
MPC 1200.502	52.52	51.94	2 × 500	1,350	1,500	3.00	11,059	76	65	28.6	22.2
MPC 1202.631	51.15	50.59	1 × 630	900	850	1.80	9,882	73	61	28.6	22.2
MPC 1500.502	55.48	54.87	2 × 500	1,350	1,500	3.00	15,714	76	65	34.9	22.2
MPC 1501.502	61.86	61.18	2 × 500	1,350	1,500	3.00	14,868	76	65	34.9	22.2
MPC 2001.502	66.54	65.81	2 × 500	1,350	1,500	3.00	14,004	76	65	34.9	22.2
MPC 2500.632	89.24	88.26	2 × 630	900	1,700	3.60	20,916	80	68	34.9	28.6
MPC 2500.503	80.12	79.24	3 × 500	1,350	2,250	4.50	20,822	79	67	34.9	28.6
MPC 3000.503	93.01	91.98	3 × 500	1,350	2,250	4.50	20,257	79	67	34.9	28.6
MPC 3001.503	97.30	96.23	3 × 500	1,350	2,250	4.50	19,602	79	67	41.3	28.6
MPC 3002.503	99.97	98.87	3 × 500	1,350	2,250	4.50	18,950	79	67	41.3	34.9
MPC 3500.504	118.61	117.31	4 × 500	1,350	3,000	6.00	27,007	80	68	41.3	34.9
MPC 3501.504	131.24	129.79	4 × 500	1,350	3,000	6.00	26,136	80	68	54.0	34.9
Double Row Condensers											
MPC 3000.504T	94.96	93.91	4 × 500	1,350	3,000	6.00	23,342	80	68	34.9	28.6
MPC 3500.504T	115.76	114.49	4 × 500	1,350	3,000	6.00	31,428	80	68	41.3	34.9
MPC 4000.504T	130.92	129.48	4 × 500	1,350	3,000	6.00	29,736	80	68	41.3	34.9
MPC 4001.504T	138.86	137.33	4 × 500	1,350	3,000	6.00	28,008	80	68	41.3	34.9

Refrigerant	Capacity Multiplier Based on R22
R22	1.00
R407B	0.95
R407C	0.93
R134A	0.975
R404A	0.989
R507	0.989

Note:

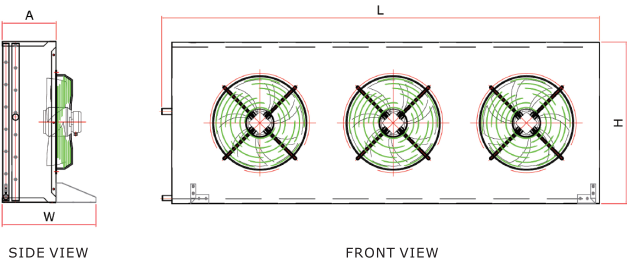
- * Capacities are based on original fan motors provided. Please consult Breeze for capacities differences should non-standard motors are used.
- * All models will be offered in Horizontal Air Throw configuration only.
- * All 300mm and 350mm are 230V/1Ph/50Hz and the others are 400V/3Ph/50Hz. Other voltages are available upon request.

MPC - Dimension

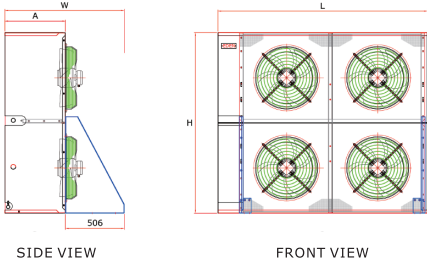
Model	Size (mm) Horizontal Air Flow							Weight (kg)*
	A	H	W	L	H*	W*	L*	
MPC 0080.301	240	459	368	492	610	515	640	22
MPC 0100.301	240	459	368	492	610	515	640	23
MPC 0150.301	240	459	368	492	610	515	640	24
MPC 0151.351	311	459	456	543	610	610	690	28
MPC 0200.351	311	459	456	543	610	610	690	30
MPC 0201.351	311	459	456	543	610	610	690	31
MPC 0300.401	308	510	442	631	660	590	780	34
MPC 0301.401	308	510	442	631	660	590	780	35
MPC 0400.352	311	459	456	1,172	610	610	1,320	68
MPC 0302.401	308	510	442	631	660	590	780	37
MPC 0500.501	305	662	465	1,012	810	615	1,160	66
MPC 0600.501	305	662	465	1,012	810	615	1,160	70
MPC 0600.402	310	715	402	1,121	865	550	1,270	95
MPC 0750.501	305	662	465	1,012	810	615	1,160	73
MPC 0750.402	310	715	402	1,121	865	550	1,270	100
MPC 0751.501	305	662	465	1,012	810	615	1,160	77
MPC 0850.631	253	865	487	1,119	1,020	640	1,270	89
MPC 1000.502	310	785	536	1,755	935	680	1,905	173
MPC 1200.631	254	866	487	1,119	1,020	640	1,270	95
MPC 1201.631	254	866	487	1,119	1,020	640	1,270	105
MPC 1200.502	310	785	536	1,755	935	680	1,905	181
MPC 1202.631	254	866	487	1,119	1,020	640	1,270	110
MPC 1500.502	308	920	535	1,806	1,070	680	1,960	197
MPC 1501.502	308	920	535	1,806	1,070	680	1,960	210
MPC 2001.502	308	920	535	1,806	1,070	680	1,960	222
MPC 2500.632	253	865	487	2,282	1,020	640	2,435	210
MPC 2500.503	308	921	535	2,496	1,070	680	2,650	261
MPC 3000.503	308	921	535	2,496	1,070	680	2,650	279
MPC 3001.503	308	921	535	2,496	1,070	680	2,650	293
MPC 3002.503	308	921	535	2,496	1,070	680	2,650	310
MPC 3500.504	308	921	535	3,196	1,070	680	3,350	346
MPC 3501.504	308	921	535	3,196	1,070	680	3,350	365
Double Row Condensers								
MPC 3000.504T	522	1,551	1,028	1,803	1,700	1,180	1,950	329
MPC 3500.504T	522	1,810	1,028	1,833	1,960	1,180	1,980	374
MPC 4000.504T	522	1,810	1,028	1,833	1,960	1,180	1,980	399
MPC 4001.504T	522	1,810	1,028	1,833	1,960	1,180	1,980	422

* Packed Dimensions/Weight

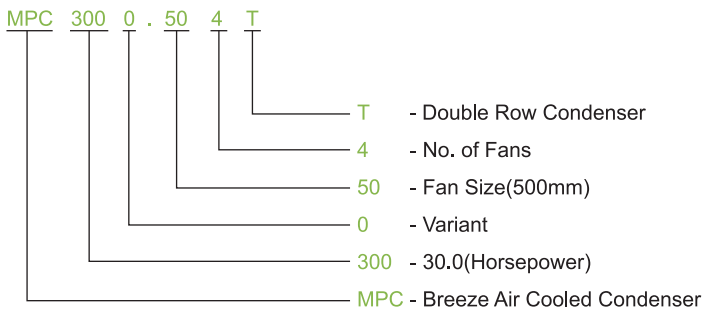
Horizontal Air Flow



Horizontal Air Flow (Double Row)



Nomenclature



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