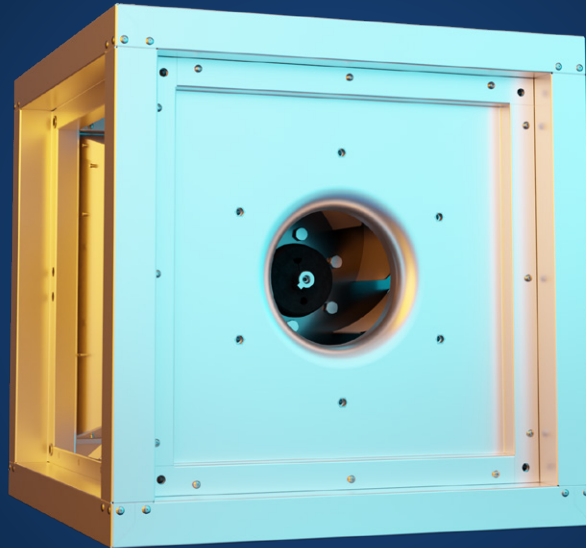




CHARACTERISTICS

Our box fans with backward curved centrifugal impellers offer the most flexible solution for ventilation systems in kitchens and other applications. With variable right, left and upwards as well as corner and round connections, they adapt perfectly to any installation situation, however specific it may be.

Specially developed for use in demanding environments, our box fans convey dirty and greasy exhaust air efficiently, even at continuously high operating temperatures. Both efficient AC motors and state-of-the-art EC motors are available for our fans.

The robust housings of our box fans are equipped with condensate and grease drains in the base trays, which makes maintenance easier and increases the longevity of the system. A comprehensive range of mechanical and electrical accessories enables easy installation and adaptation to specific requirements.

BENEFITS

- Efficient product design to reduce operating costs
- Broad product range for flexible customer requirements
- Simple integration into all common control concepts
- Convincing in complex installation situations due to low height, low weight and flexible suspension



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Exemplu ilustrativ:
MPC T

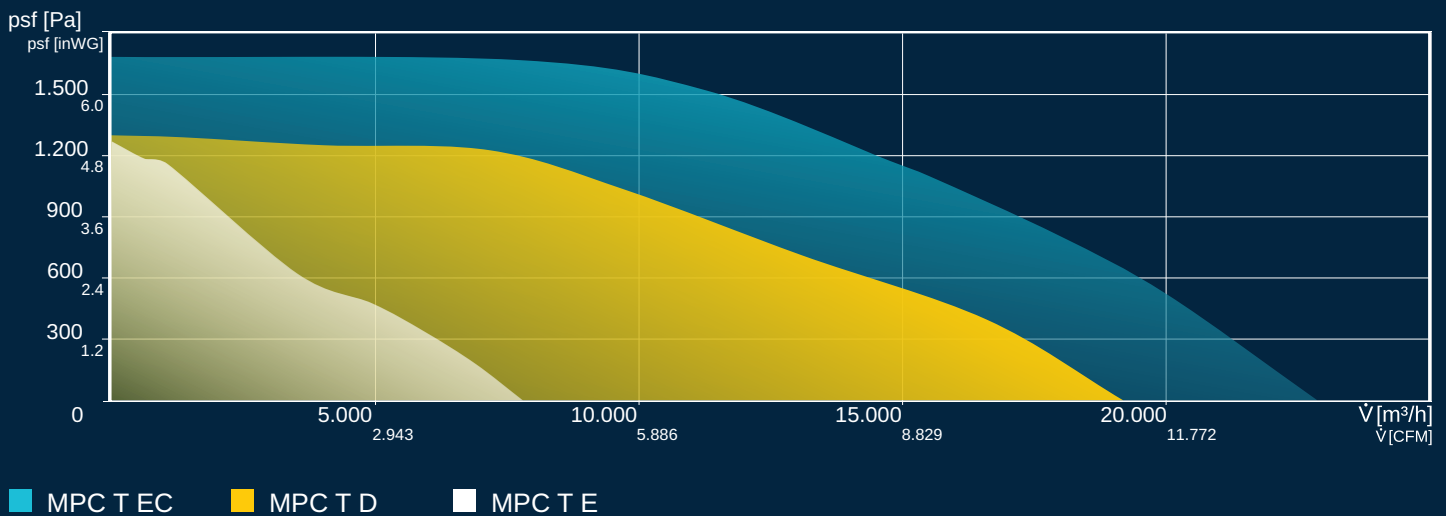
www.ruck.eu



FEATURES

- ✓ 200 °C / 392 °F continuous operation;
400 °C / 752 °F 120 min.
(F4 versions)
- ✓ 120 °C / 248 °F continuous operation
- ✓ Over 27.000 m³/h / 15.981 CFM
- ✓ Integrated condensate drain tray
- ✓ According to VDI 2052

Air performance



Name	Article Number	$\dot{V}_{max}$ [m³/h]	$\dot{V}_{max}$ [CFM]	Psf _{max} [Pa]	Psf _{max} [inWG]	Motor rated power [kW]	Motor rated power [hp]	Phase	Voltage [V]	Max. RPM
MPC 225 EC T30	143077	2.370	1.395	1.200	4.82	0.69	0.92	1~	230	3.965
MPC 250 EC T30	143078	3.000	1.766	1.250	5.02	0.84	1.13	1~	230	3.660
MPC 280 EC T20	136057	3.730	2.195	1.360	5.46	1.13	1.51	1~	230	3.430
MPC 280 EC T30	143079	2.930	1.725	1.040	4.18	0.77	1.03	1~	230	3.000
MPC 315 EC T30	149264	4.610	2.713	1.350	5.42	1.41	1.89	1~	230	3.100
MPC 355 EC T30	149321	5.920	3.484	1.200	4.82	1.50	2.01	1~	230	2.550
MPC 400 EC T21	140165	6.710	3.949	1.000	4.01	1.31	1.76	1~	230	2.010
MPC 400 EC T30	149327	6.293	3.704	939	3.77	1.25	1.67	3~	230	2.000
MPC 450 EC T30	149331	7.600	4.473	810	3.25	1.24	1.66	3~	230	1.640
MPC T 225 EC I K 01	157270	1.810	1.065	690	2.77	0.31	0.42	3~	230	3.000
MPC T 250 EC I K 01	157278	2.370	1.395	840	3.37	0.46	0.61	1~	230	3.010
MPC T 280 EC I K 02	171407	2.960	1.742	910	3.65	0.61	0.82	1~	230	2.810
MPC T 355 EC I K 01	157385	4.440	2.613	770	3.09	0.75	1.01	1~	230	2.000
MPC T 400 EC I K 01	157396	4.800	2.825	560	2.25	0.53	0.71	1~	230	1.510
MPC T 450 EC I K 01	157399	6.530	3.843	700	2.81	0.89	1.20	1~	230	1.510
MPC T 500 EC I K 01	172147	8.440	4.968	880	3.53	1.54	2.06	3~	400	1.500
MPC T 560 EC I K 01	172058	13.590	7.999	1.060	4.26	2.47	3.32	3~	400	1.500
MPC T 630 EC I K 01	172156	19.195	11.298	1.300	5.22	4.61	6.18	3~	400	1.500
MPC 225 D2 T40	157206	2.010	1.183	940	3.77	0.44	0.59	3~	400	2.920
MPC 250 D2 T40	157209	2.630	1.548	1.130	4.54	0.69	0.93	3~	400	2.870
MPC 280 D2 T40	157214	2.830	1.666	980	3.93	0.69	0.92	3~	400	2.790
MPC 315 D2 T40	157218	4.115	2.422	1.270	5.10	1.21	1.62	3~	400	2.860
MPC 315 D4 T40	157224	3.300	1.942	810	3.25	0.66	0.88	3~	400	1.480
MPC 355 D4 T40	157226	4.590	2.702	810	3.25	0.79	1.06	3~	400	1.470
MPC 400 D4 T40	157231	4.840	2.849	505	2.03	0.56	0.76	3~	400	1.440
MPC 400 D6 T40	164803	3.760	2.213	350	1.41	0.33	0.44	3~	400	1.000
MPC 450 D4 T40	157232	7.125	4.194	810	3.25	1.23	1.64	3~	400	1.470

TECHNICAL DATA

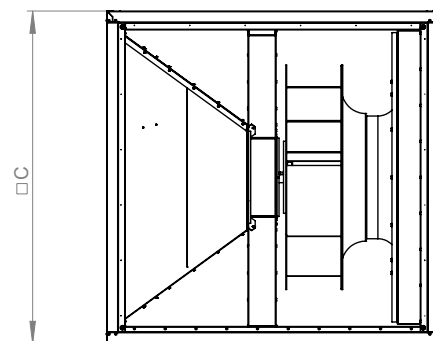
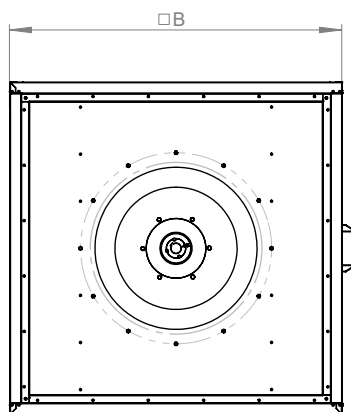
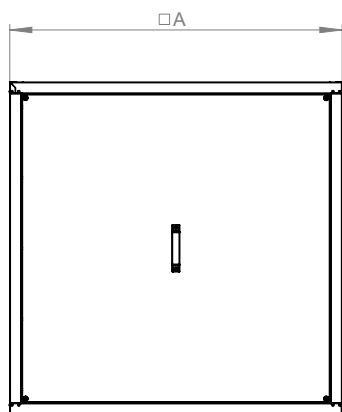


Name	Article Number	$\dot{V}_{\max.}$ [m³/h]	$\dot{V}_{\max.}$ [CFM]	$P_{sf \max.}$ [Pa]	$P_{sf \max.}$ [inWG]	Motor rated power [kW]	Motor rated power [hp]	Phase	Voltage [V]	Max. RPM
MPC T 450 D4 I K 01	172726	7.790	4.585	975	3.91	1.57	2.10	3~	400	1.480
MPC 500 D4 T40	157233	8.090	4.762	840	3.37	1.44	1.93	3~	400	1.450
MPC T 500 D4 I K 01	172730	9.780	5.756	1.220	4.90	2.32	3.11	3~	400	1.490
MPC 560 D4 T40	157235	13.060	7.687	1.040	4.18	2.66	3.57	3~	400	1.430
MPC T 560 D4 I K 01	172733	15.845	9.326	1.420	5.70	4.39	5.88	3~	400	1.490
MPC 630 D4 T40	157241	17.540	10.324	1.330	5.34	4.33	5.80	3~	400	1.452
MPC T 630 D4 I K 01	172736	22.870	13.461	1.685	6.76	8.18	10.96	3~	400	1.485
MPC 630 D6 T40	164831	15.190	8.940	850	3.41	2.55	3.41	3~	400	980
MPC 710 D6 T40	150945	22.660	13.337	1.005	4.03	4.55	6.10	3~	400	980
MPC 800 D6 T40	150960	22.610	13.308	920	3.69	4.77	6.40	3~	400	970
MPC 225 D2 F4 T40	162859	2.010	1.183	940	3.77	0.44	0.59	3~	400	2.920
MPC 250 D2 F4 T40	162865	2.630	1.548	1.130	4.54	0.69	0.93	3~	400	2.870
MPC 280 D2 F4 T40	162869	2.830	1.666	980	3.93	0.69	0.92	3~	400	2.790
MPC 315 D2 F4 T40	162874	4.115	2.422	1.270	5.10	1.21	1.62	3~	400	2.860
MPC 315 D4 F4 T40	162900	3.300	1.942	810	3.25	0.66	0.88	3~	400	1.480
MPC 355 D4 F4 T40	162906	4.590	2.702	810	3.25	0.79	1.06	3~	400	1.470
MPC 400 D4 F4 T40	162922	4.840	2.849	505	2.03	0.56	0.76	3~	400	1.440
MPC 450 D4 F4 T40	162931	7.125	4.194	810	3.25	1.23	1.64	3~	400	1.470
MPC 500 D4 F4 T40	162936	8.090	4.762	840	3.37	1.44	1.93	3~	400	1.450
MPC 560 D4 F4 T40	162944	13.060	7.687	1.040	4.18	2.66	3.57	3~	400	1.430
MPC 630 D4 F4 T40	162952	17.540	10.324	1.330	5.34	4.33	5.80	3~	400	1.452
MPC 710 D6 F4 T40	162975	19.550	11.507	735	2.95	2.76	3.70	3~	400	980
MPC 800 D6 F4 T40	162977	22.610	13.308	920	3.69	4.77	6.40	3~	400	970
MPC 225 E2 T21	137885	1.740	1.024	660	2.65	0.29	0.38	1~	230	2.840
MPC 250 E2 T20	126679	2.610	1.536	790	3.17	0.45	0.61	1~	230	2.850
MPC 280 E2 T20	126681	3.340	1.966	980	3.93	0.70	0.94	1~	230	2.740
MPC 315 E2 T21	136829	4.225	2.487	1.270	5.10	1.32	1.77	1~	230	2.790
MPC 400 E4 T21	136887	4.590	2.702	510	2.05	0.50	0.67	1~	230	1.350
MPC 450 E4 T20	126624	5.960	3.508	640	2.57	0.79	1.06	1~	230	1.350
MPC 500 E4 T22	141186	7.800	4.591	815	3.27	1.43	1.92	1~	230	1.370

DIMENSIONS

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MPC T



Name	A [mm]	B [mm]	C [mm]	DN [mm]	Weight [kg]	A [in]	B [in]	C [in]	DN [in]	Weight [lbs]
MPC 225 EC T30	500	500	500	DN355	35.00	19.69	19.69	19.69	DN13.98	77.16
MPC 250 EC T30	500	500	500	DN355	37.00	19.69	19.69	19.69	DN13.98	81.57
MPC 280 EC T20	500	500	500	DN355	37.70	19.69	19.69	19.69	DN13.98	83.11
MPC 280 EC T30	500	500	500	DN355	35.50	19.69	19.69	19.69	DN13.98	78.26
MPC 315 EC T30	500	500	500	DN355	36.00	19.69	19.69	19.69	DN13.98	79.37
MPC 355 EC T30	700	700	700	DN500	58.00	27.56	27.56	27.56	DN19.69	127.87
MPC 400 EC T21	700	700	700	DN500	66.70	27.56	27.56	27.56	DN19.69	147.05
MPC 400 EC T30	700	700	700	DN500	60.00	27.56	27.56	27.56	DN19.69	132.28
MPC 450 EC T30	700	700	700	DN500	63.00	27.56	27.56	27.56	DN19.69	138.89
MPC T 225 EC I K 01	500	500	500	DN355	36.50	19.69	19.69	19.69	DN13.98	80.47
MPC T 250 EC I K 01	500	500	500	DN355	36.33	19.69	19.69	19.69	DN13.98	80.09
MPC T 280 EC I K 02	500	500	500	DN355	36.85	19.69	19.69	19.69	DN13.98	81.24
MPC T 355 EC I K 01	700	700	700	DN500	58.51	27.56	27.56	27.56	DN19.69	128.99
MPC T 400 EC I K 01	700	700	700	DN500	67.10	27.56	27.56	27.56	DN19.69	147.93
MPC T 450 EC I K 01	700	700	700	DN500	75.10	27.56	27.56	27.56	DN19.69	165.57
MPC T 500 EC I K 01	700	700	700	DN500	72.00	27.56	27.56	27.56	DN19.69	158.73
MPC T 560 EC I K 01	900	900	900	DN630	105.00	35.43	35.43	35.43	DN24.80	231.49
MPC T 630 EC I K 01	900	900	900	DN630	125.00	35.43	35.43	35.43	DN24.80	275.58
MPC 225 D2 T40	500	500	500	DN355	35.20	19.69	19.69	19.69	DN13.98	77.60
MPC 250 D2 T40	500	500	500	DN355	35.00	19.69	19.69	19.69	DN13.98	77.16
MPC 280 D2 T40	500	500	500	DN355	36.00	19.69	19.69	19.69	DN13.98	79.37
MPC 315 D2 T40	500	500	500	DN355	41.00	19.69	19.69	19.69	DN13.98	90.39
MPC 315 D4 T40	500	500	500	DN355	40.00	19.69	19.69	19.69	DN13.98	88.18
MPC 355 D4 T40	700	700	700	DN500	63.00	27.56	27.56	27.56	DN19.69	138.89
MPC 400 D4 T40	700	700	700	DN500	65.00	27.56	27.56	27.56	DN19.69	143.30
MPC 400 D6 T40	700	700	700	DN500	75.00	27.56	27.56	27.56	DN19.69	165.35
MPC 450 D4 T40	700	700	700	DN500	75.00	27.56	27.56	27.56	DN19.69	165.35

DIMENSIONS



MPC T

Name	A [mm]	B [mm]	C [mm]	DN [mm]	Weight [kg]	A [in]	B [in]	C [in]	DN [in]	Weight [lbs]
MPC T 450 D4 I K 01	700	700	700	DN500	70.00	27.56	27.56	27.56	DN19.69	154.32
MPC 500 D4 T40	700	700	700	DN500	75.00	27.56	27.56	27.56	DN19.69	165.35
MPC T 500 D4 I K 01	700	700	700	DN500	82.00	27.56	27.56	27.56	DN19.69	180.78
MPC 560 D4 T40	900	900	900	DN630	127.00	35.43	35.43	35.43	DN24.80	279.99
MPC T 560 D4 I K 01	900	900	900	DN630	155.00	35.43	35.43	35.43	DN24.80	341.72
MPC 630 D4 T40	900	900	900	DN630	140.00	35.43	35.43	35.43	DN24.80	308.65
MPC T 630 D4 I K 01	900	900	900	DN630	178.00	35.43	35.43	35.43	DN24.80	392.42
MPC 630 D6 T40	900	900	900	DN630	127.00	35.43	35.43	35.43	DN24.80	279.99
MPC 710 D6 T40	1.200	1.200	1.200	DN710	224.00	47.24	47.24	47.24	DN27.95	493.84
MPC 800 D6 T40	1.200	1.200	1.200	DN710	241.00	47.24	47.24	47.24	DN27.95	531.31
MPC 225 D2 F4 T40	500	500	500	DN355	35.00	19.69	19.69	19.69	DN13.98	77.16
MPC 250 D2 F4 T40	500	500	500	DN355	35.00	19.69	19.69	19.69	DN13.98	77.16
MPC 280 D2 F4 T40	500	500	500	DN355	36.00	19.69	19.69	19.69	DN13.98	79.37
MPC 315 D2 F4 T40	500	500	500	DN355	41.00	19.69	19.69	19.69	DN13.98	90.39
MPC 315 D4 F4 T40	500	500	500	-	40.00	19.69	19.69	19.69	-	88.18
MPC 355 D4 F4 T40	700	700	700	DN500	63.00	27.56	27.56	27.56	DN19.69	138.89
MPC 400 D4 F4 T40	700	700	700	DN500	65.00	27.56	27.56	27.56	DN19.69	143.30
MPC 450 D4 F4 T40	700	700	700	DN500	73.00	27.56	27.56	27.56	DN19.69	160.94
MPC 500 D4 F4 T40	700	700	700	DN500	75.00	27.56	27.56	27.56	DN19.69	165.35
MPC 560 D4 F4 T40	900	900	900	DN630	127.00	35.43	35.43	35.43	DN24.80	279.99
MPC 630 D4 F4 T40	900	900	900	-	140.00	35.43	35.43	35.43	-	308.65
MPC 710 D6 F4 T40	1.200	1.200	1.200	DN710	235.00	47.24	47.24	47.24	DN27.95	518.09
MPC 800 D6 F4 T40	1.200	1.200	1.200	DN710	241.00	47.24	47.24	47.24	DN27.95	531.31
MPC 225 E2 T21	500	500	500	DN355	35.90	19.69	19.69	19.69	DN13.98	79.15
MPC 250 E2 T20	500	500	500	DN355	44.00	19.69	19.69	19.69	DN13.98	97.00
MPC 280 E2 T20	500	500	500	DN355	46.00	19.69	19.69	19.69	DN13.98	101.41
MPC 315 E2 T21	500	500	500	DN355	45.54	19.69	19.69	19.69	DN13.98	100.40
MPC 400 E4 T21	700	700	700	DN500	63.43	27.56	27.56	27.56	DN19.69	139.84
MPC 450 E4 T20	700	700	700	DN500	69.30	27.56	27.56	27.56	DN19.69	152.78
MPC 500 E4 T22	700	700	700	DN500	81.00	27.56	27.56	27.56	DN19.69	178.57