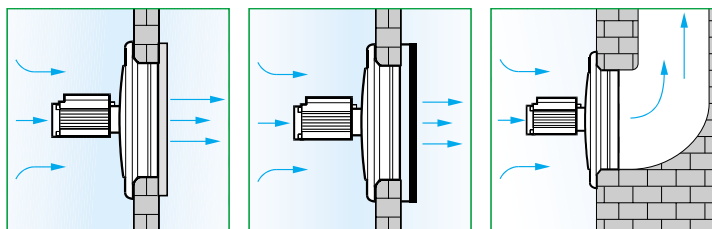


## MP RANGE RED HUB



- Suitable for business or industrial buildings such as halls, factories, warehouses, gyms, etc.
  - Asynchronous induction motor with IP55 protection and ball-bearing-mounted rotor and double grease seals.
  - Wing-profiled fan, superimposed for reducing air-turbulence noise, with high-strength, high-stability, polypropylene blades and die-cast aluminium hub.
  - Steel sheet-metal, polyester-powder paint-protected frame with streamlined intake nozzle of the correct diameter, to permit easy air passage, and elongated to permit easy attachment to the outlet ducts.
  - Circular metal protection grille, with black epoxy-polyester paint finish, which can be easily removed for cleaning and maintenance.
  - Speed regulated by optional speed controller (not MP 604 T).
  - Ambient temperature limits: -25° min. +70°C max.
- Wiring diagrams shown on page XXXVII.



*These units are only suitable for extracting dust-free, acid-free and non-corrosive air. They can extract into a ventilation duct or through filters. They can also be installed on lengths of duct.*

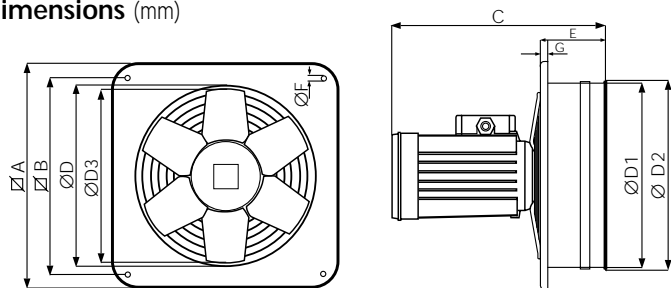
M: Monophase (Single phase) 220-240 V - 50 Hz

T: Triphase (Three phase) 380 - 415 V - 50Hz

Product	Code	V ~ 50 Hz	W	A	Poles	Rpm	Delivery		P max		Lp dB(A) (3 m)	kg	Insulation	IP	max °C
							m³/h	l/s	mm H₂O	Pa					
MP 252 M	42252	220-240	298-310	1.38-1.38	2	2800	1990	552.8	30.0	294	70	6.1	⚡ cl. I	55	70
MP 254 M	42254	220-240	98-105	0.49-0.49	4	1400	1115	309.7	14.5	142	53	6.1	⚡ cl. I	55	70
MP 302 M	42202	220-240	677-685	3.30-3.30	2	2800	3550	986.1	39.0	383	75	9.4	⚡ cl. I	55	70
MP 304 M	42204	220-240	156-165	0.76-0.76	4	1400	2000	555.6	13.0	128	59	6.9	⚡ cl. I	55	70
MP 354 M	42214	220-240	288-310	1.31-1.31	4	1400	3100	861.1	18.0	177	64	10.2	⚡ cl. I	55	70
MP 404 M	42224	220-240	339-370	1.60-1.60	4	1400	4300	1194.4	14.0	137	66	11.2	⚡ cl. I	55	70
MP 254 T	42354	220/380 240/415	98 106	0.44/0.25 0.48/0.27	4	1400	1120	311.1	14.5	142	53	6.1	⚡ cl. I	55	70
MP 302 T	42302	220/380 240/415	690 718	2.26/1.31 2.49/1.44	2	2800	3620	1005.6	39.0	383	75	9.4	⚡ cl. I	55	70
MP 304 T	42304	220/380 240/415	164 176	0.56/0.32 0.58/0.33	4	1400	2040	566.7	15.0	147	59	6.9	⚡ cl. I	55	70
MP 354 T	42314	220/380 240/415	257 271	0.79/0.46 0.8/0.46	4	1400	3150	875	18.5	181	64	10.2	⚡ cl. I	55	70
MP 404 T	42324	220/380 240/415	405 420	1.1/0.64 1.14/0.66	4	1400	4350	1208.3	18.0	177	66	11.2	⚡ cl. I	55	70
MP 454 T	42335	220/380 240/415	965 990	3.34/1.91 3.36/1.92	4	1400	6800	1888.9	33.0	324	66.5	18.5	⚡ cl. I	55	70
MP 504 T	42344	220/380 240/415	1281 1322	4.36/2.52 4.42/2.56	4	1400	8800	2444.4	36.5	358	74	19.2	⚡ cl. I	55	70
MP 506 T	42334	220/380 240/415	522 558	2.64/1.53 2.89/1.67	6	1000	5900	1638.9	17.5	172	63.5	19.3	⚡ cl. I	55	70
MP 604 T	42374*	220/380 240/415	2455 2534	7.89/4.56 7.97/4.61	4	1400	14600	4055.6	42.5	417	79.5	28.1	⚡ cl. I	55	70
MP 606 T	42364	220/380 240/415	828 860	2.99/1.73 3.14/1.82	6	1000	10000	2777.8	19.0	186	68.5	28.2	⚡ cl. I	55	70

\* not suitable for use with roof terminals

## Dimensions (mm)



	∅ nom.	∇A	∇B	C	∅ D	∅ D1	∅ D2	∅ D3	E	∅ F	G
<b>MP 252</b>	250	320	280	279	256	258.5	264	250	92	8	10
<b>MP 254</b>	250	320	280	279	256	258.5	264	250	92	8	10
<b>MP 302</b>	315	380	330	308	308	310.5	316	300	94	8	10
<b>MP 304</b>	315	380	330	279	308	310.5	316	300	94	8	10
<b>MP 354</b>	355	450	380	288	360	362.5	368	350	94	8	10
<b>MP 404</b>	400	510	430	308	410	412.5	418	400	114	12	15
<b>MP 454</b>	450	630	530	381	460	462.5	468	450	109	12	15
<b>MP 504</b>	500	630	530	381	510	512.5	518	500	109	12	15
<b>MP 506</b>	500	630	530	381	510	512.5	518	500	109	12	15
<b>MP 604</b>	630	760	630	430	610	612.5	618	600	124	12	15
<b>MP 606</b>	630	760	630	430	610	612.5	618	600	124	12	15

## Accessories (description and data on pages 142-145).

Model	Code	Products
DPU 250 (spacer)	52151	42252 - 42254 - 42354
DPU 300 (spacer)	52251	42202 - 42302 - 42204 - 42304
DPU 350 (spacer)	52351	42214 - 42314
DPU 400 (spacer)	52451	42324 - 42224
PGR 250 (gravity shutter)	50150	42252 - 42254 - 42354
PGR 300 (gravity shutter)	50250	42202 - 42204 - 42302 - 42304
PGR 350 (gravity shutter)	50350	42214 - 42314
PGR 400 (gravity shutter)	50450	42224 - 42324
PGR 450/500MP (gravity shutter)	50551	42335 - 42344 - 42334
PGR 600 MP (gravity shutter)	50651	42364
TRA 250 (protective grille)	51150	42252 - 42254 - 42354
TRA 300 (protective grille)	51250	42202 - 42204 - 42302 - 42304
TRA 350 (protective grille)	51350	42214 - 42314
TRA 400 (protective grille)	51450	42224 - 42324
TRA 450/500 (protective grille)	51550	42335 - 42344 - 42334
TRA 600 (protective grille)	51650	42374 - 42364
Roof terminal with bird guard	9040*	42252 - 42254 - 42354
Roof terminal with bird guard	9041*	42202 - 42302 - 42204 - 42304
Roof terminal with bird guard	9042*	42214 - 42314
Roof terminal with bird guard	9043*	42224 - 42324 - 42335
Roof terminal with bird guard	9044*	42344 - 42334
Roof terminal with bird guard	9045*	42364
Purlin box	9010*	42252 - 42254 - 42354
Purlin box	9011*	42202 - 42302 - 42204 - 42304
Purlin box	9012*	42214 - 42314
Purlin box	9013*	42224 - 42324 - 42335
Purlin box	9014*	42344 - 42334
Purlin box	9015*	42364

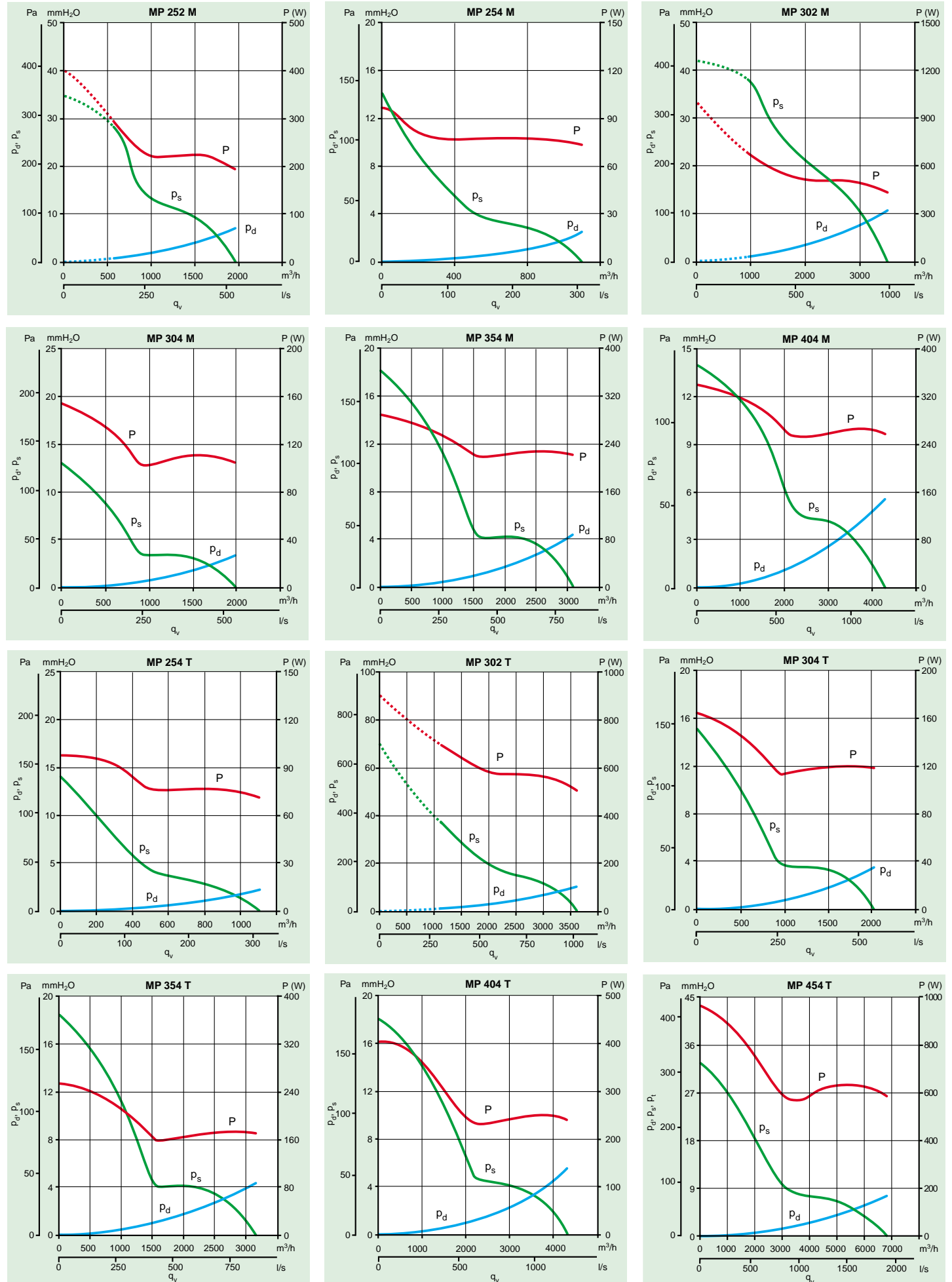
\* Available only in UK

Model	Code	Products
Soaker sheet	9020*	42252 - 42254 - 42354
Soaker sheet	9021*	42202 - 42302 42204 - 42304
Soaker sheet	9022*	42214 - 42314
Soaker sheet	9023*	42224 - 42324 - 42335
Soaker sheet	9024*	42344 - 42334
Soaker sheet	9025*	42364
Backdraught shutter	9030*	42252 - 42254 - 42354
Backdraught shutter	9031*	42202 - 42302 42204 - 42304
Backdraught shutter	9032*	42214 - 42314
Backdraught shutter	9033*	42224 - 42324 - 42335
Backdraught shutter	9034*	42344 - 42334
Backdraught shutter	9035*	42364
IRM 30 (three-position single-phase speed controller)	12921	42254 - 42204
IRM 40 (three-position single-phase speed controller)	12922	42252 - 42202 42214 - 42224
IRT 15 (three-position three-phase speed controller)	12923	42354 - 42304 42314 - 42324
IRT 35 (three-position three-phase speed controller)	12924	42302 - 42335 - 42344 42334 - 42364
IREM 3 (single-phase speed controller)	12931	42252 - 42204
IREM 5** (single-phase speed controller)	12932	42214 - 42224
IREM 9** (single-phase speed controller)	12933	

\* multiple regulation up to max 5 A

\*\* regulates several fans up to max 9 A

## Pressure/performance curves



## Pressure/performance curves

