

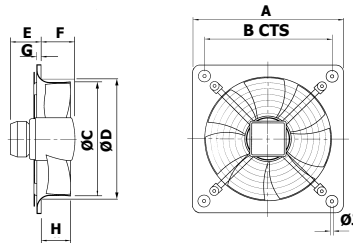
# Monsoon Compact Plate Fans

- Die cast aluminium blade & external rotor motor design
- Motors dynamically balanced to ISO 1940 & IP54 protected
- Motor insulation Class F
- Temperature operation -40° to +70°
- Thermal overload for motor protection
- Terminal box IP54 protection



CODE	DESCRIPTION
EQ25-WA	250mm (756m³/h) Single Phase 4 Pole
EQ31-2A	315mm (2,052m³/h) Single Phase 4 Pole
EQ35-2C	355mm (3,456m³/h) Single Phase 4 Pole
EQ40-4C	400mm (5,040m³/h) Single Phase 4 Pole
EQ45-4C	450mm (6,192m³/h) Single Phase 4 Pole
EQ50-4F	500mm (7,560m³/h) Single Phase 4 Pole
EQ56-6K	560mm (13,932m³/h) Single Phase 4 Pole
EQ63-6N	630mm (18,324m³/h) Single Phase 4 Pole
DQ-31-2A	315mm (2,088m³/h) Three Phase 4 Pole
DQ-35-2C	355mm (3,600m³/h) Three Phase 4 Pole
DQ-40-2F	400mm (5,328m³/h) Three Phase 4 Pole
DQ-45-4C	450mm (6,480m³/h) Three Phase 4 Pole
DQ-50-4F	500mm (8,172m³/h) Three Phase 4 Pole
DQ-56-6F	560mm (12,348m³/h) Three Phase 4 Pole
DQ-63-6K	630mm (18,684m³/h) Three Phase 4 Pole

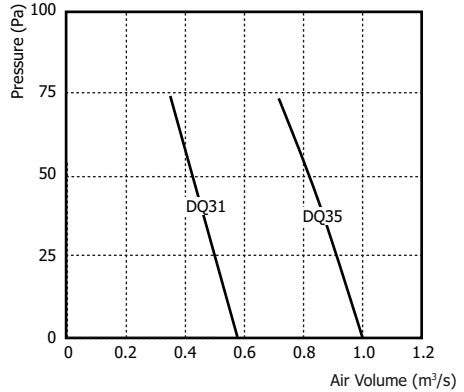
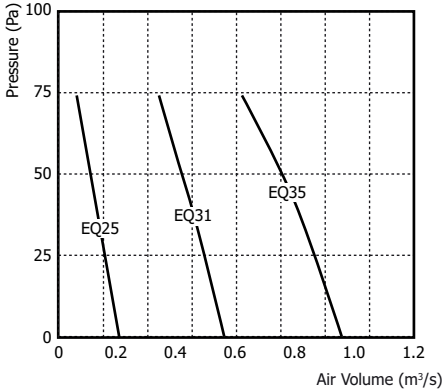
## Dimensions (mm)



Dia	A	B	ØC	ØD	E	F	G	H	ØJ	kg
250	370	320	256.5	264.5	84	80	6	80	9	3.4
315	430	380	320	328	84	84	19	70	9	6.3
355	485	435	367	372	86	97	21	75	9	7.3
400	540	490	412	420	93	100	12	88	9	10.2
450	575	535	463	480	86	139	14	96	11	15.8
500	655	615	517	528	84	141	16	104	11	17.3
560	725	675	568	589	81	142.5	16	119	11	24
630	805	750	643	664	82	142.5	20	130	11	45

# Group B - Monsoon Commercial & Industrial Products

## Performance Guide



DIA.	MOTOR PHASE	CODE	POLES	R.P.M	IP RATING	MOTOR KW	S.C. AMPS	F.L.C AMPS	DB(A) @ 3M
250	1	EQ25-WA	4	1340	IP44	0.04	0.3	0.16	44
315	1	EQ31-2A	4	1300	IP54	0.15	1.38	0.7	50
355	1	EQ35-2C	4	1330	IP54	0.19	1.45	0.84	53
315	3	DQ-31-2A	4	1390	IP54	0.11	2.1	0.27	46
355	3	DQ-35-2A	4	1370	IP54	0.17	1.35	0.37	49

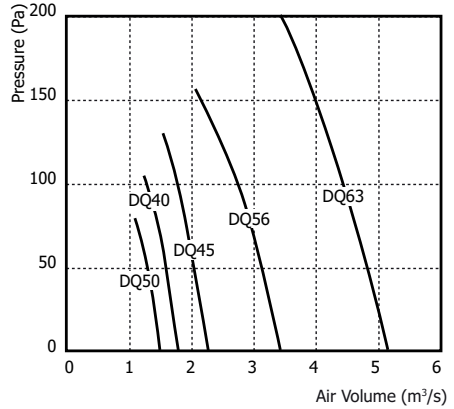
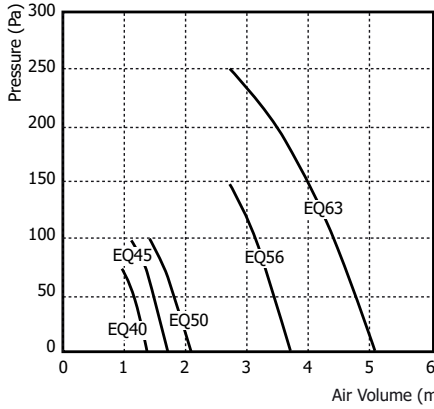
For fans wired to reverse run, duty reduced by 30%. EQ25 not suitable for reverse airflow.

## Sound Power Level Spectra dB (ref 10<sup>-12</sup> Watts)

DIA.	MOTOR PHASE	CODE	POLES	SPECTRUM	63	125	250	500	1K	2K	4K	8K	DB(A) @ 3M
250	1	EQ25-WA	4	Inlet	70	72	63	58	54	52	45	35	41
250	1	EQ25-WA	4	Outlet	70	72	63	58	54	52	45	35	41
315	1	EQ31-2A	4	Inlet	70	68	66	61	60	62	58	51	47
315	1	EQ31-2A	4	Outlet	70	68	66	61	60	62	58	51	47
355	1	EQ35-2C	4	Inlet	65	70	67	65	64	64	62	55	50
355	1	EQ35-2C	4	Outlet	65	70	67	65	64	64	62	55	50
315	3	DQ-31-2A	4	Inlet	64	67	69	63	62	60	58	53	47
315	3	DQ-31-2A	4	Outlet	64	67	69	63	62	60	58	53	47
355	3	DQ-35-2A	4	Inlet	58	73	63	64	64	65	64	58	50
355	3	DQ-35-2A	4	Outlet	58	73	63	64	64	65	64	58	50

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## Performance Guide



DIA.	MOTOR PHASE	CODE	POLES	R.P.M	IP RATING	MOTOR KW	S.C. AMPS	F.L.C AMPS	DB(A) @ 3M
400	1	EQ40-4C	4	1350	IP54	0.29	2.4	1.45	56
450	1	EQ45-4C	4	1370	IP54	0.36	3.6	1.6	61
500	1	EQ50-4F	4	1290	IP54	0.51	4.3	2.3	55
560	1	EQ56-6K	4	1320	IP54	1.35	9.3	6	63
630	1	EQ63-6N	4	1320	IP54	2.2	28	9.9	70
400	3	DQ-40-2F	4	1350	IP54	0.26	2.1	0.56	51
450	3	DQ-45-4C	4	1380	IP54	0.36	2.6	0.8	56
500	3	DQ-50-4F	4	1380	IP54	0.55	4.2	1.05	58
560	3	DQ-56-6F	4	1220	IP54	1.25	7.7	2.2	70
630	3	DQ-63-6K	4	1360	IP54	1.9	17	3.2	64

For fans wired to reverse run, duty reduced by 30%.

## Sound Power Level Spectra dB (ref 10<sup>-12</sup> Watts)

DIA.	MOTOR PHASE	CODE	POLES	SPECTRUM	63	125	250	500	1K	2K	4K	8K	DB(A) @ 3M
400	1	EQ40-4C	4	Inlet	70	72	67	66	65	65	64	56	51
400	1	EQ40-4C	4	Outlet	70	72	67	66	65	65	64	56	51
450	1	EQ45-4C	4	Inlet	69	76	73	72	70	71	70	62	57
450	1	EQ45-4C	4	Outlet	69	76	73	72	70	71	70	62	57
500	1	EQ50-4F	4	Inlet	65	75	69	70	70	71	69	62	56
500	1	EQ50-4F	4	Outlet	65	75	69	70	70	71	69	62	56
630	1	EQ63-6N	4	Inlet	82	86	79	79	80	78	75	70	64
630	1	EQ63-6N	4	Outlet	82	86	79	79	80	78	75	70	64
400	3	DQ-40-2F	4	Inlet	62	73	65	65	67	69	67	60	53
400	3	DQ-40-2F	4	Outlet	62	73	65	65	67	69	67	60	53
450	3	DQ-45-4C	4	Inlet	65	82	75	76	73	72	69	62	58
450	3	DQ-45-4C	4	Outlet	65	82	75	76	73	72	69	62	58
500	3	DQ-50-4F	4	Inlet	67	71	69	72	70	71	68	61	56
500	3	DQ-50-4F	4	Outlet	67	71	69	72	70	71	68	61	56
560	3	DQ-56-6F	4	Inlet	85	79	77	76	76	75	72	66	61
560	3	DQ-56-6F	4	Outlet	85	79	77	76	76	75	72	66	61
630	3	DQ-63-6K	4	Inlet	71	88	82	83	82	81	78	72	67
630	3	DQ-63-6K	4	Outlet	71	88	82	83	82	81	78	72	67