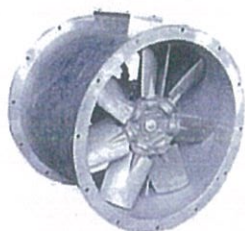




Mason Industries Pte Ltd

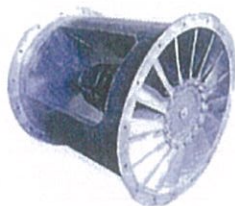
OVER **40** YEARS
OF EXCELLENCE



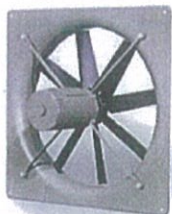
**AXIAL
FANS**



**CENTRIFUGAL
FANS**



**BIFURCATED
FANS**



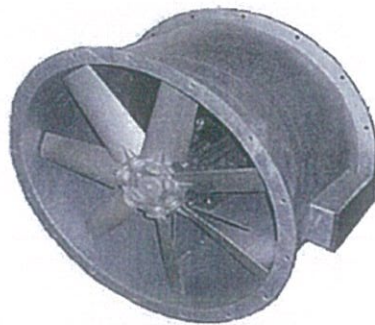
**INDUSTRIAL
FANS**

Catalog ID: MWA-0012016 (July 2017)

MW Series Axial Fan

Mason Industries Pte Ltd

MW Series Direct Driven Axial Fan



Mason Industries Pte Ltd certifies that the "Mason's MW Series Direct Axial Fan" shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Rating Program.

Application

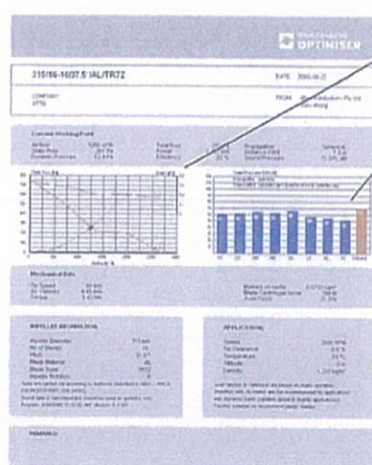
Designed for in line duct air movement in HVAC application. Axial fan are a common choice by application engineers due to the compact and easy installation. Installation is so much convenient with it's application designed to suit ceiling suspension or floor sitting.

Performance Rating

Air performance is tested in accordance to AMCA 210 with installation Type "D" rating. Noise level is in accordance to AMCA 300 standard.

Selecting Mason Axial Fan

Selecting is made easy with the certified fan curve from this catalogue. Alternatively using our Optimiser Fan Selection software to pick from a series of possibilities.



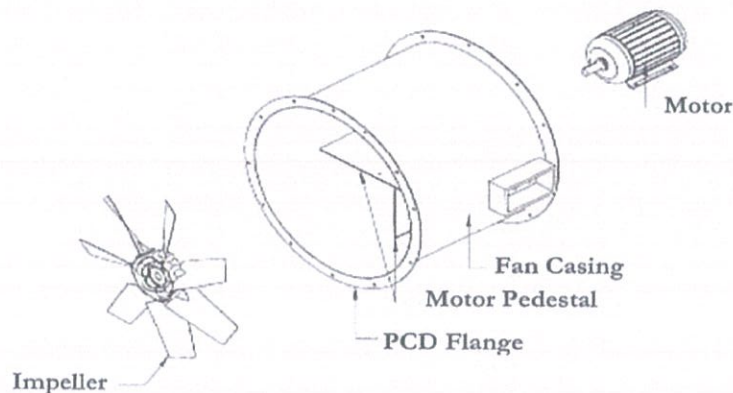
Fan performance curve of selected model

Sound Power level (dB) of selected model - Information for silencer application.

Optimizer selection

Mason Industries Pte Ltd

Mason Axial flow fan's are assembled as follow illustration.



Casing - Constructed with mild steel plate. Machine rolled with flange forming to reduce welding requirement and increase roundness. PCD standardise flange easy for site installation as contractor can pre-fabricate according to the PCD standard instead of waiting for actual product measurement. Welded terminal box for easy electrical wiring connection without any hussle. Thickness of fan casing are carefully designed to reduce unwanted weight and at the sametime keeping performing vibration to the minimum at less then 0.5mm displacement. Fan casing finally completed with Hot-Dipped Galvanized to BS EN ISO 1461:1999 standard.

Impeller - Varies choice of impeller depending on the application are available. Mason-Multi-Wing's impellers standard are aluminium and PPG type (Glass reinforced Polypropolyene). With it's unique blade and hub combination that allow for preset blade angle and locking, angle adjustment are never wrong and it can be even easily changed to suit the application at site without any sophiscated tools.

Motor - Induction motors with 3 Phase power source and TENV type are standard with insulation class IP55. Other application motor such as Class H (High Temperature), EX (explosion Proof).

Other Information

Our highly qualified project team are ready to provide our specialty to support all our customer's need in air movement engineering. Our comprehensive engineering support will help to give our customer's a peace of mind as we will provide all the necessary engineering work to help selecting the best efficiency air movement products for your need without the hussle of clients going through a series of fan curve and yet not sure which is best.

Our project team will guaranty the most efficient product selection with the most cost effective and yet easy on the electrical bill in mind and also saving in constructing cost.

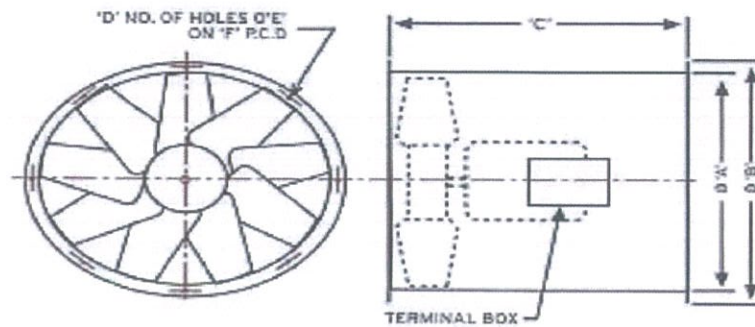
We sees the important of providing the proper engineering and service to our customers because we understand the hussle in going through fan supplier's catalogues and worst as most fan curved published in the catalogues are showing only a fraction of the curve of a particular fan model. As a result, most of the customers end up oversizing their choice and result in increasing their construction cost, difficulties in installation , big and heavy in size where handling can also become a hazzard.

Nomenclature



Mason Industries Pte Ltd

DIMENSION of AXIAL FANS



Fan Dia	Motor Size	A	B	C	D	E	F	Aprox. Wight (kg) Less motor
280	71-80	280	350	350	8	10	320	16
315		315	385	350			355	17
355		355	425				395	19
450		450	530	350			12	500
500	71-112	500	590	450	560	33		
560	132	560	650		550	620		37
								41
710	90-112	710	800	450	16	12	770	60
	132			550				66
	160			700				75
800	90-112	800	890	450	16	12	860	71
	132			550				78
	160			700				86
900	100-112	900	990	450	16	14	970	93
	132			550				97
	160			700				108
	180			750				115
1120	100-160	1120	1210	750	20	15	1190	155
	180-200			850				180
	225-250			950				210
1250	100-200	1250	1350	850	20	15	1320	248
	225-250			950				290
1400	200-225	1400	1520	850	20	15	1320	248
	250-280			950				290

Motor Size	71	80	90	100	112	132	160	180	200	225	250
Weight (kg)	12	15	22	30	42	76	158	205	290	351	550

**AMCA Certified Rating Seal applies to the Fan Efficiency Grade (FEG)
for Mason's fan model as below:-**

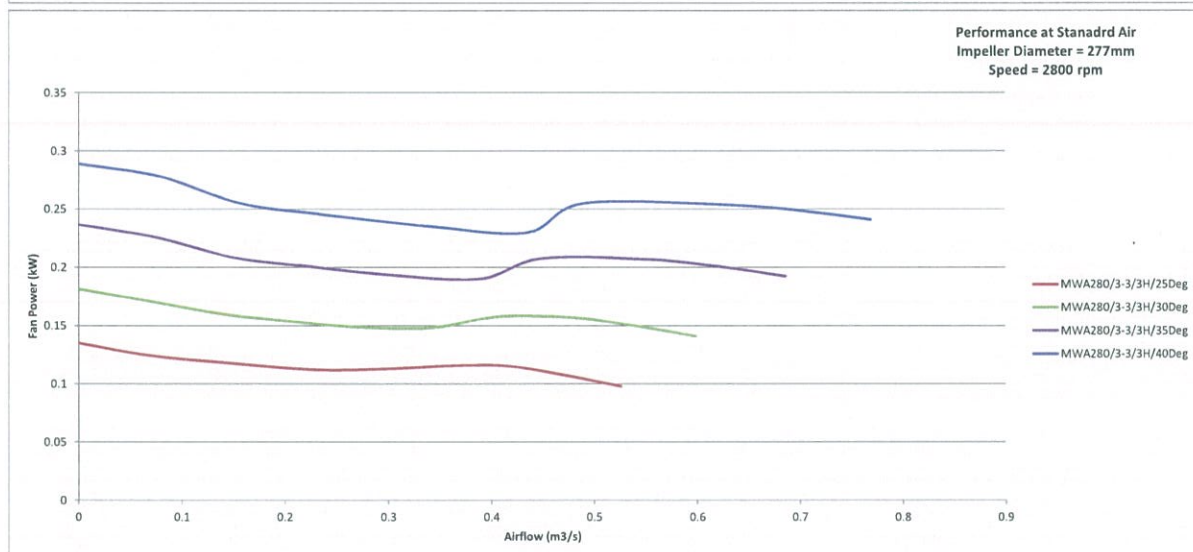
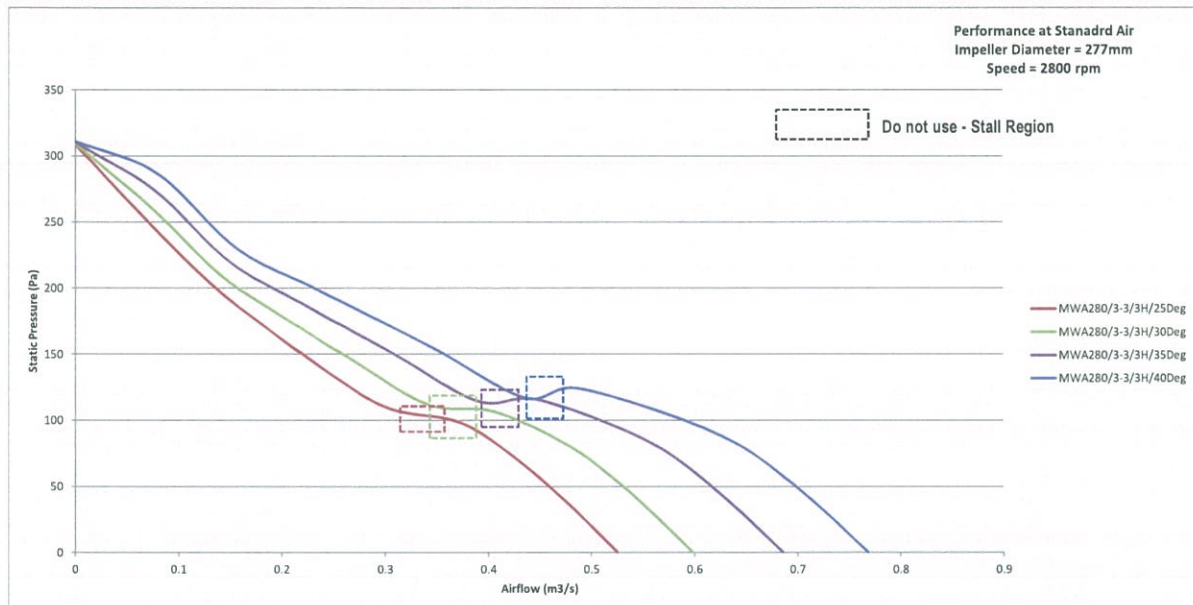
Mason Model	FEG
MWA 280/6-6/3HL	50
MWA 315/6-6/3HL	56
MWA 355/6-6/3HL	53
MWA 355/8-8/3HL	50
MWA 450/6-6/3HL	56
MWA 450/8-8/3HL	60
MWA 500/5-5/4ZL	56
MWA560/7-7/4ZL	50
MWA560/9-9/4ZL	50
MWA/710/7-7/4ZL	56
MWA/710/9-9/4ZL	53
MWA/800/7-7/4ZL	75
MWA/800/9-9/4ZL	63
MWA/800/12-12/4ZL	53
MWA/900/8-8/4ZL	80
MWA/900/6-6/6WL	56
MWA1120/6-6/6WL	60
MWA1250/6-6/6WL	67
MWA1250/8-8/6WL	60
MWA1250/10-10/6WL	56



MASON Tube Axial Fan

MWA 280/3-3/3HL

Size : 280 mm



AMCA Band Number	Deg	63	125	250	500	1.0K	2.0K	4.0K	8.0K	Ps	Q	N
LWI (dB)	25	94	94	90	81	77	73	69	63	138	0.287	2953
LWI (dB)	40	93	91	83	73	75	71	67	67	0	0.798	2904

Remarks

- Value shown are for [inlet Lwi] sound power level for:
Installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction
- "The sound power level ratings show are in decibels, referred to 10^{-12} watts, Calculated per AMCA international Standard 301"

Model	Design Max Static (Ps)	Design Max Air Flow (m³/s)
MWA280/3-3/3HL/25	265	0.480
MWA280/3-3/3HL/30	275	0.575
MWA280/3-3/3HL/35	285	0.642
MWA280/3-3/3HL/40	295	0.720

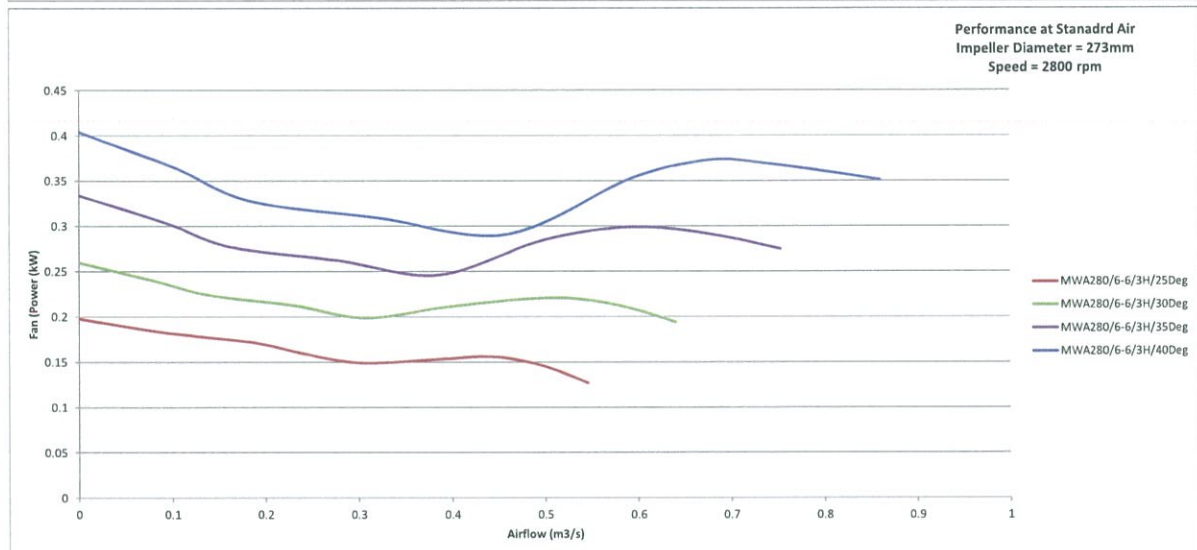
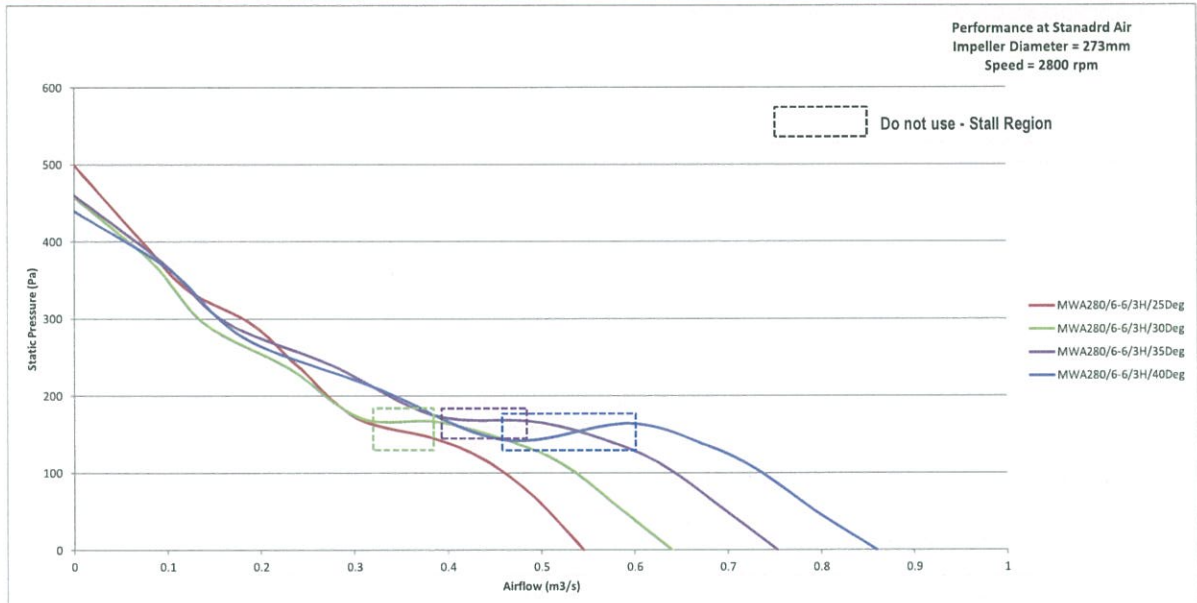
Remarks

- Performance certified is for installation type D - Ducted inlet, Ducted Outlet.
- Performance rating do not include the effects of appurtenances (accessories).



MASON Tube Axial Fan

MWA 280/6-6/3HL
Size : 280 mm



AMCA Band Number	Deg	63	125	250	500	1.0K	2.0K	4.0K	8.0K	Ps	Q	N
LWI (dB)	25	97	89	90	80	75	72	68	62	228	0.277	2930
LWI (dB)	40	86	84	91	76	76	74	72	67	155	0.653	2838

Remarks

- Value shown are for (inlet Lwi) sound power level for:
Installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction
- "The sound power level ratings show are in decibels, referred to 10⁻¹² watts, Calculated per AMCA international Standard 301"

Model	Design Max Static (Ps)	Design Max Air Flow (m³/s)
MWA280/6-6/3HL/25	460	1.000
MWA280/6-6/3HL/30	435	0.900
MWA280/6-6/3HL/35	415	0.780
MWA280/6-6/3HL/40	375	0.400

Remarks

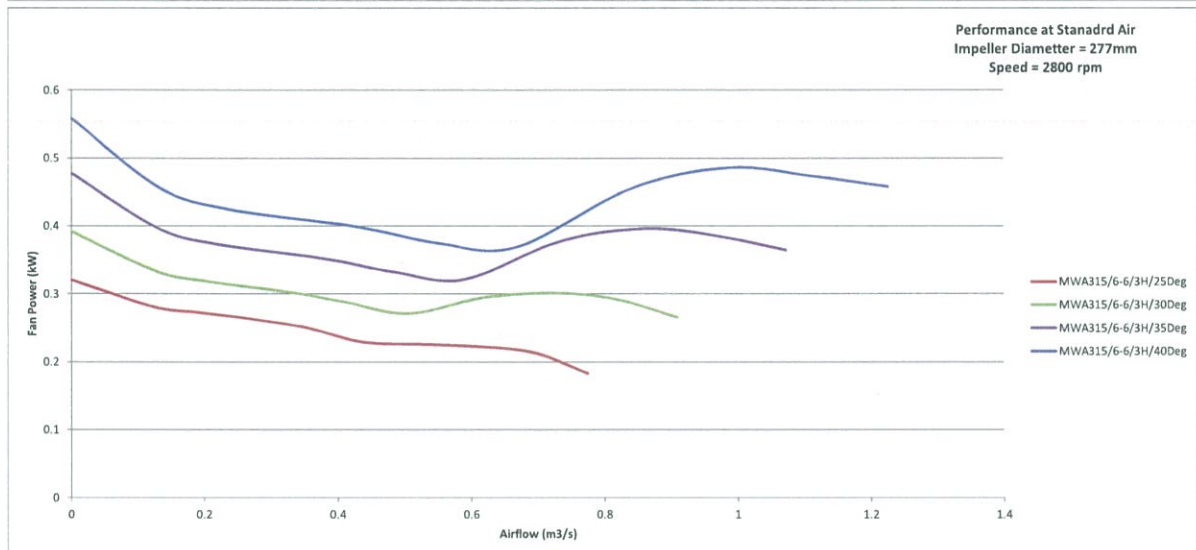
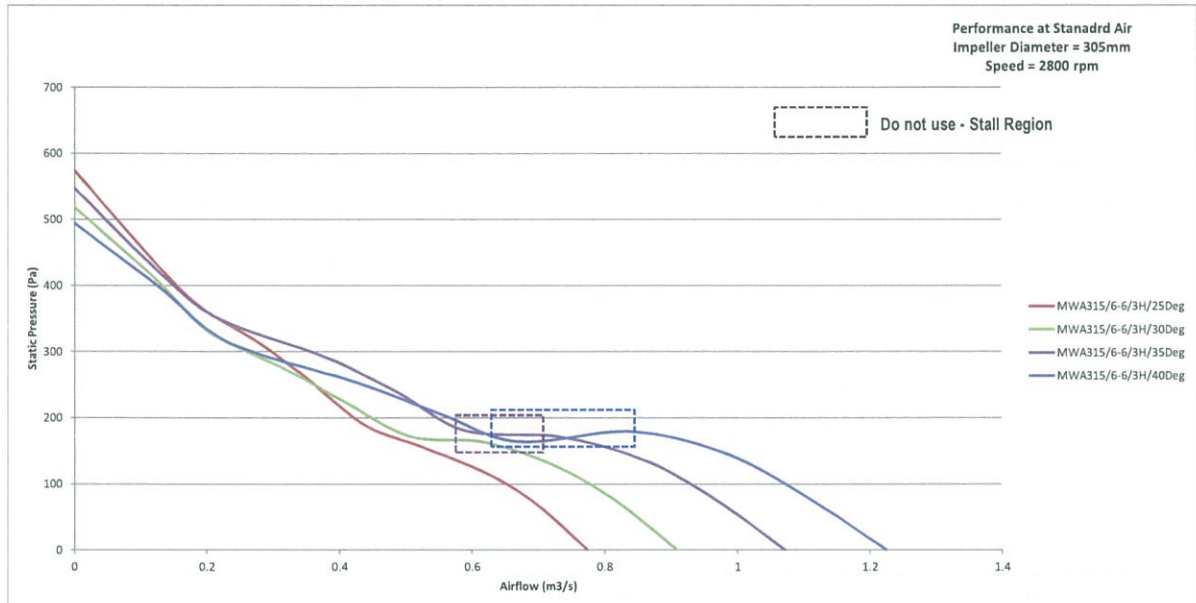
- Performance certified is for installation type D - Ducted inlet, Ducted Outlet.
- Performance rating do not include the effects of appurtenances (accessories).



MASON Tube Axial Fan

MWA 315/6-6/3HL

Size : 315 mm



AMCA Band Number	Deg	63	125	250	500	1.0K	2.0K	4.0K	8.0K	Ps	Q	N
LWI (dB)	25	92	91	94	84	80	77	72	64	246	0.409	2925
LWI (dB)	40	91	92	91	85	83	81	77	71	176	0.902	2827

Remarks

- Value shown are for (inlet Lwi) sound power level for:
Installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction
- "The sound power level ratings show are in decibels, referred to 10^{-12} watts, Calculated per AMCA international Standard 301"

Model	Design Max Static (Ps)	Design Max Air Flow (m³/s)
MWA315/6-6/3HL/25	515	0.150
MWA315/6-6/3HL/30	460	0.100
MWA315/6-6/3HL/35	450	0.090
MWA315/6-6/3HL/40	430	0.080

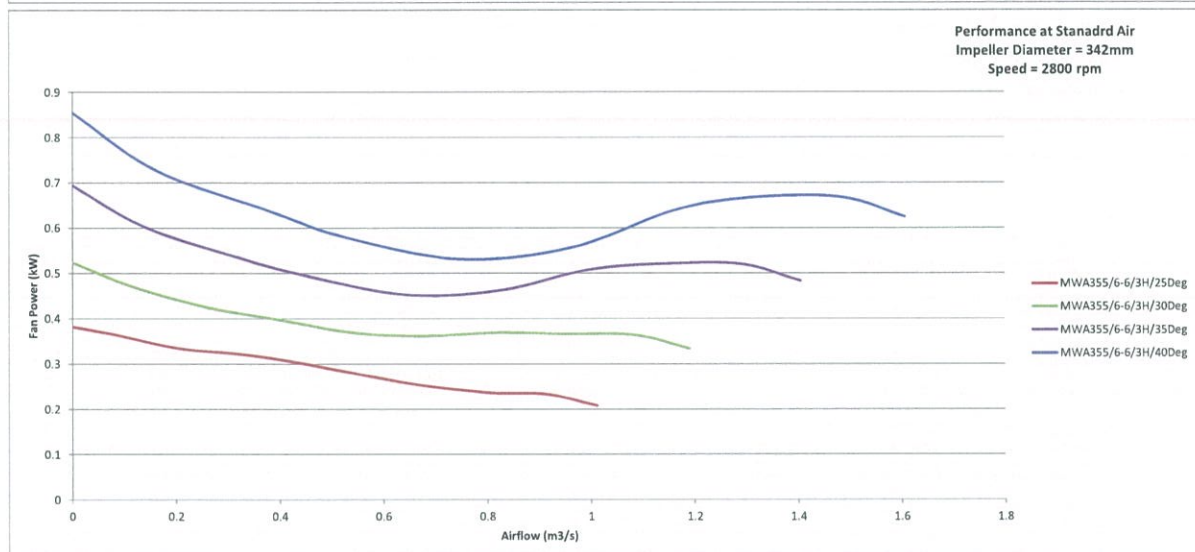
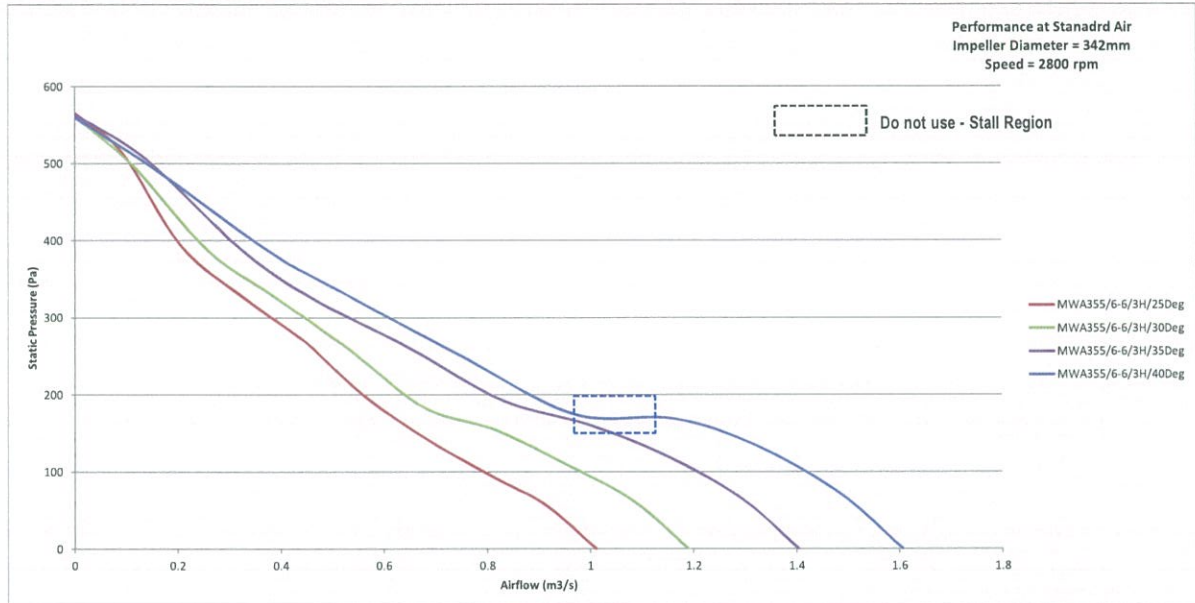


Remarks

- Performance certified is for installation type D - Ducted inlet, Ducted Outlet.
- Performance rating do not include the effects of appurtenances (accessories).

MASON Tube Axial Fan

MWA 355/6-6/3HL
Size : 355 mm



AMCA Band Number	Deg	63	125	250	500	1.0K	2.0K	4.0K	8.0K	Ps	Q	N
Lwi (dB)	25	97	90	100	87	85	81	75	68	226	0.587	2953
Lwi (dB)	40	98	94	94	93	89	86	81	75	187	1.02	2910

Remarks

- Value shown are for (inlet Lwi) sound power level for:
Installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction
- "The sound power level ratings show are in decibels, referred to 10⁻¹² watts, Calculated per AMCA international Standard 301"

Model	Design Max Static (Ps)	Design Max Air Flow (m³/s)
MWA355/6-6/3HL/25	545	0.470
MWA355/6-6/3HL/30	547	0.500
MWA355/6-6/3HL/35	550	0.600
MWA355/6-6/3HL/40	555	0.650

Remarks

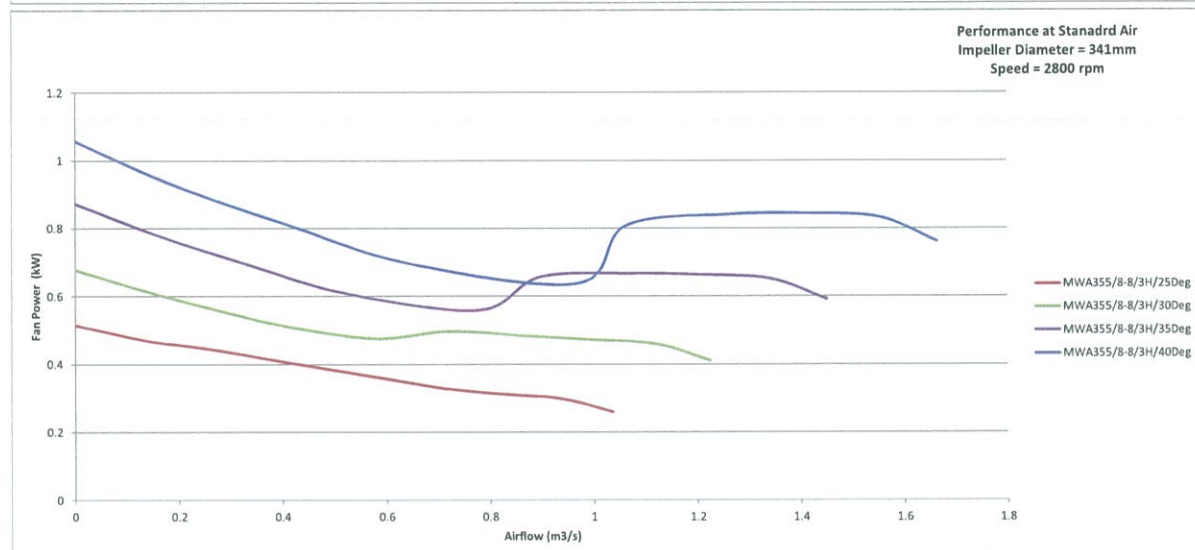
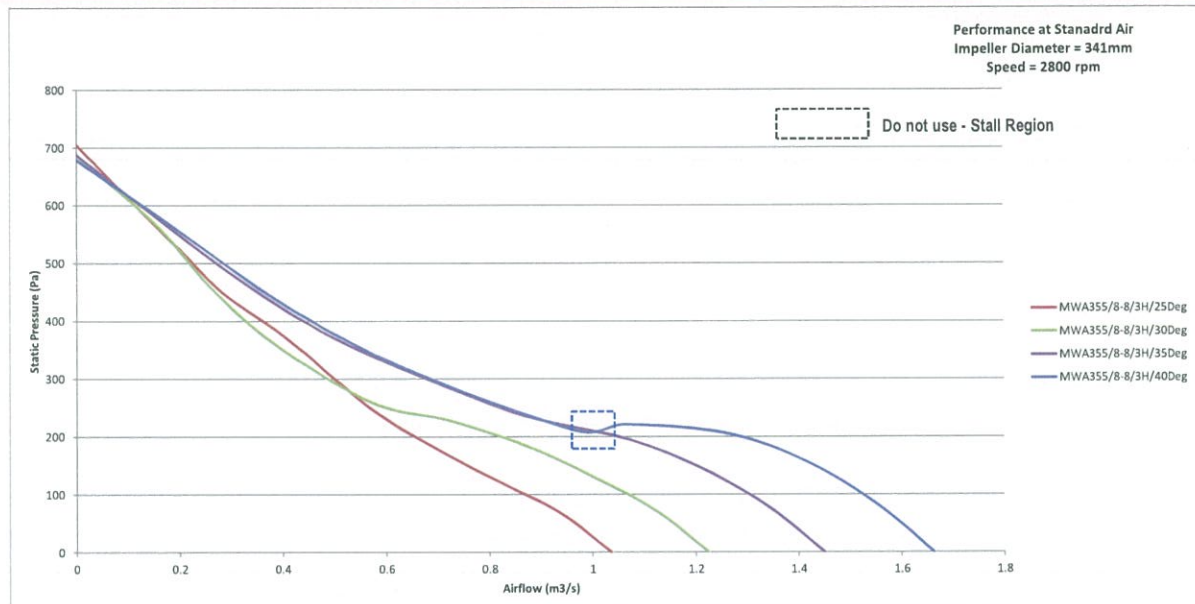
- Performance certified is for installation type D - Ducted inlet, Ducted Outlet.
- Performance rating do not include the effects of appurtenances (accessories).



MASON Tube Axial Fan

MWA 355/8-8/3HL

Size : 355 mm



AMCA Band Number	Deg	63	125	250	500	1.0K	2.0K	4.0K	8.0K	Ps	Q	N
Lwi (dB)	25	102	99	88	86	87	86	82	74	133	0.866	2948
Lwi (dB)	40	100	92	105	91	89	87	82	76	232	1.09	2879

Remarks

- Value shown are for (inlet Lwi) sound power level for:
Installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction
- "The sound power level ratings show are in decibels, referred to 10⁻¹² watts, Calculated per AMCA international Standard 301"

Model	Design Max Static (Ps)	Design Max Air Flow (m3/s)
MWA355/8-8/3HL/25	640	0.240
MWA355/8-8/3HL/30	605	0.240
MWA355/8-8/3HL/35	560	0.160
MWA355/8-8/3HL/40	520	0.085

Remarks

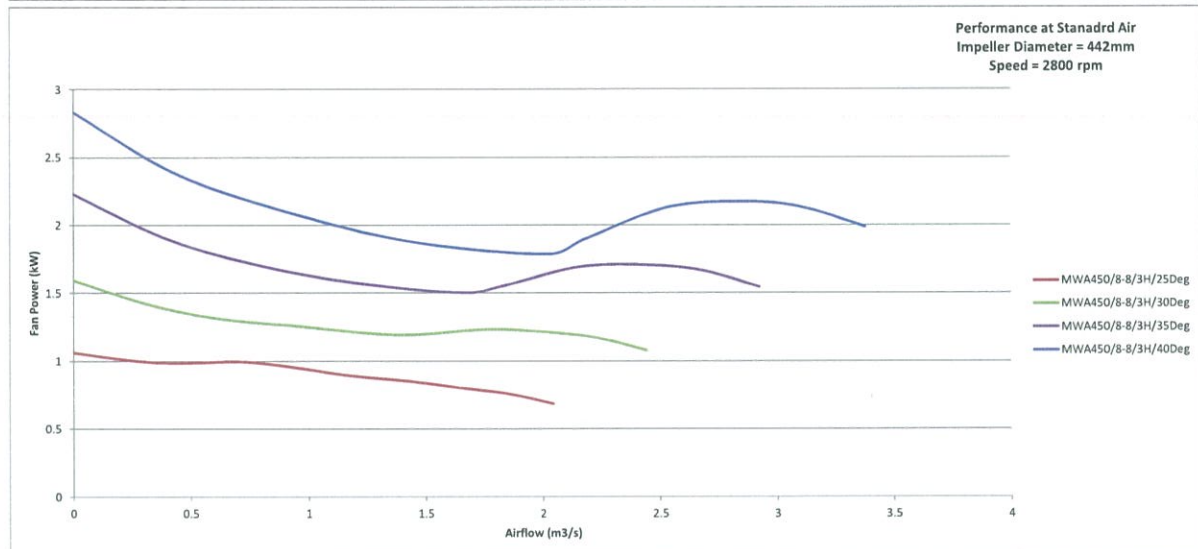
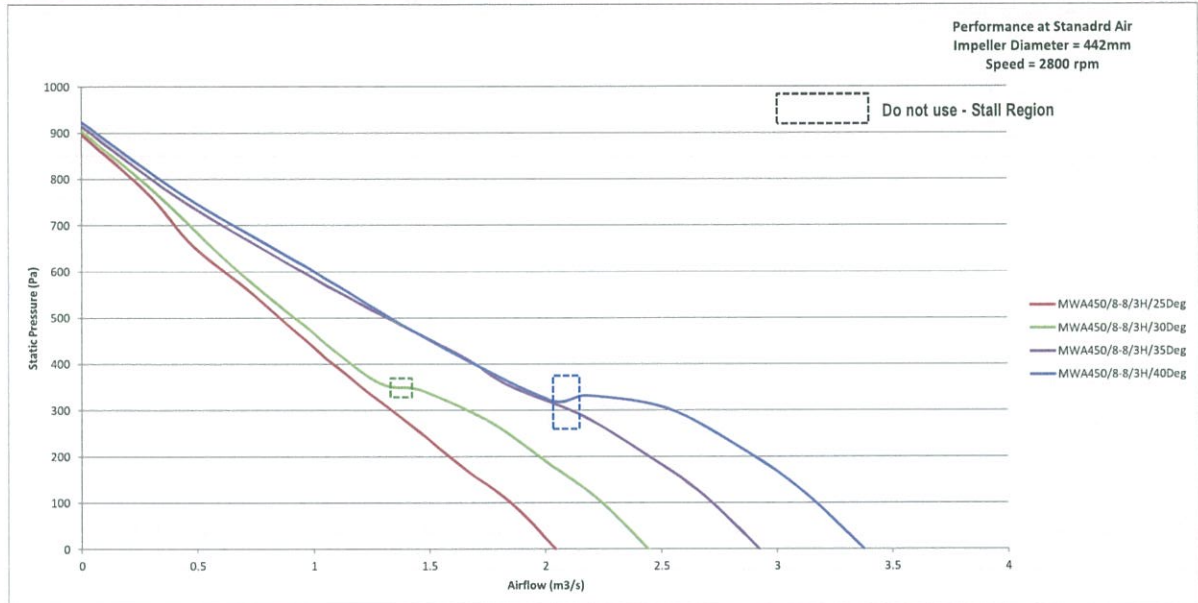
- Performance certified is for installation type D - Ducted inlet, Ducted Outlet.
- Performance rating do not include the effects of appurtenances (accessories).



MASON Tube Axial Fan

MWA 450/8-8/3HL

Size : 450 mm



AMCA Band Number	Deg	63	125	250	500	1.0K	2.0K	4.0K	8.0K	Ps	Q	N
Lwi (dB)	25	96	89	100	96	97	94	87	80	292	1.522	2950
Lwi (dB)	40	91	91	101	99	98	95	90	84	348	2.23	2871

Remarks

- Value shown are for (inlet Lwi) sound power level for:
Installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction
- "The sound power level ratings show are in decibels, referred to 10^{-12} watts, Calculated per AMCA international Standard 301"

Model	Design Max Static (Ps)	Design Max Air Flow (m3/s)
MWA450/3-3/3HL/25	700	0.300
MWA450/3-3/3HL/30	738	0.330
MWA450/3-3/3HL/35	800	0.400
MWA450/3-3/3HL/40	810	0.430

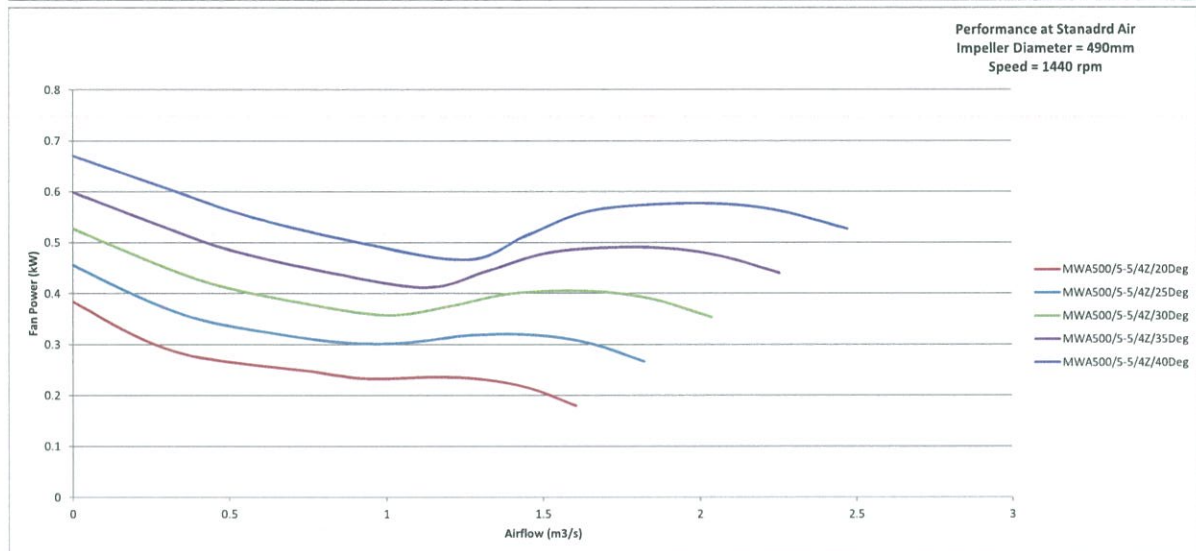
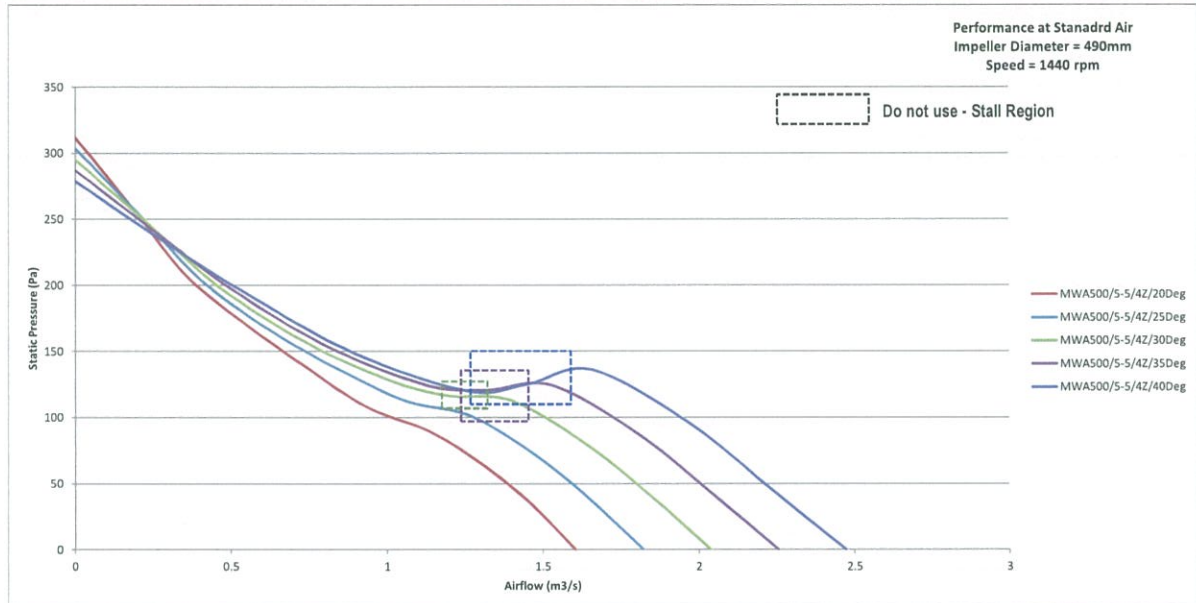


Remarks

- Performance certified is for installation type D - Ducted inlet, Ducted Outlet.
- Performance rating do not include the effects of appurtenances (accessories).

MASON Tube Axial Fan

MWA 500/5-5/4ZL
Size : 500 mm



AMCA Band Number	Deg	63	125	250	500	1.0K	2.0K	4.0K	8.0K	Ps	Q	N
Lwi (dB)	20	86	84	87	83	81	77	71	61	90	1.195	1479
Lwi (dB)	40	87	97	80	79	78	76	72	67	132	1.721	1452

Remarks

- Value shown are for (inlet Lwi) sound power level for:
Installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction
- "The sound power level ratings show are in decibels, referred to 10⁻¹² watts, Calculated per AMCA International Standard 301"

Model	Design Max Static (Ps)	Design Max Air Flow (m3/s)
MWA500/5-5/4Z/20	285	0.380
MWA500/5-5/4Z/25	281	0.440
MWA500/5-5/4Z/30	278	0.450
MWA500/5-5/4Z/35	272	0.490
MWA500/5-5/4Z/40	260	0.500

Remarks

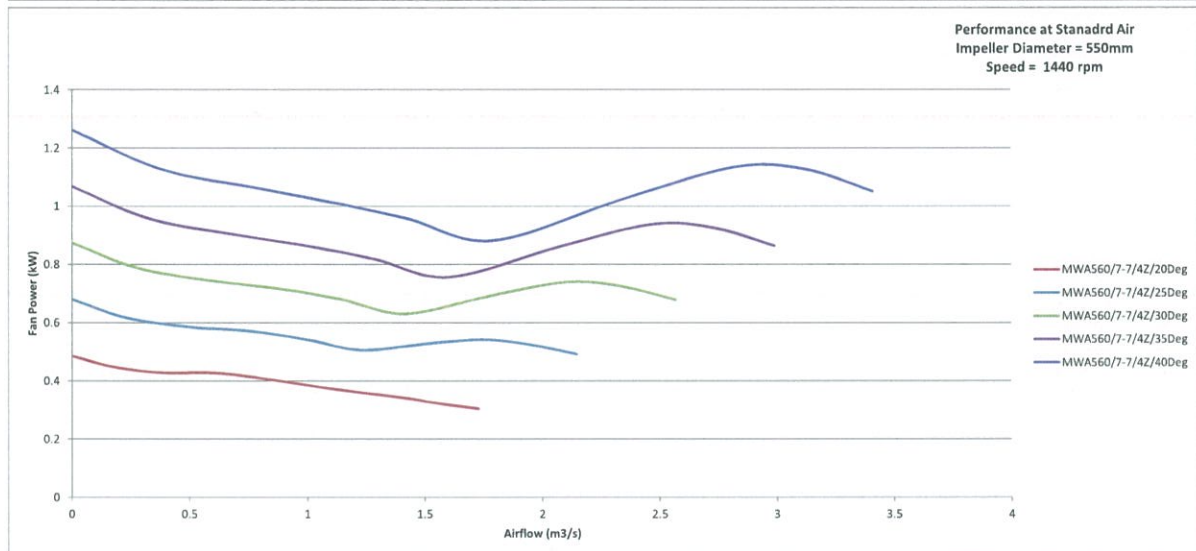
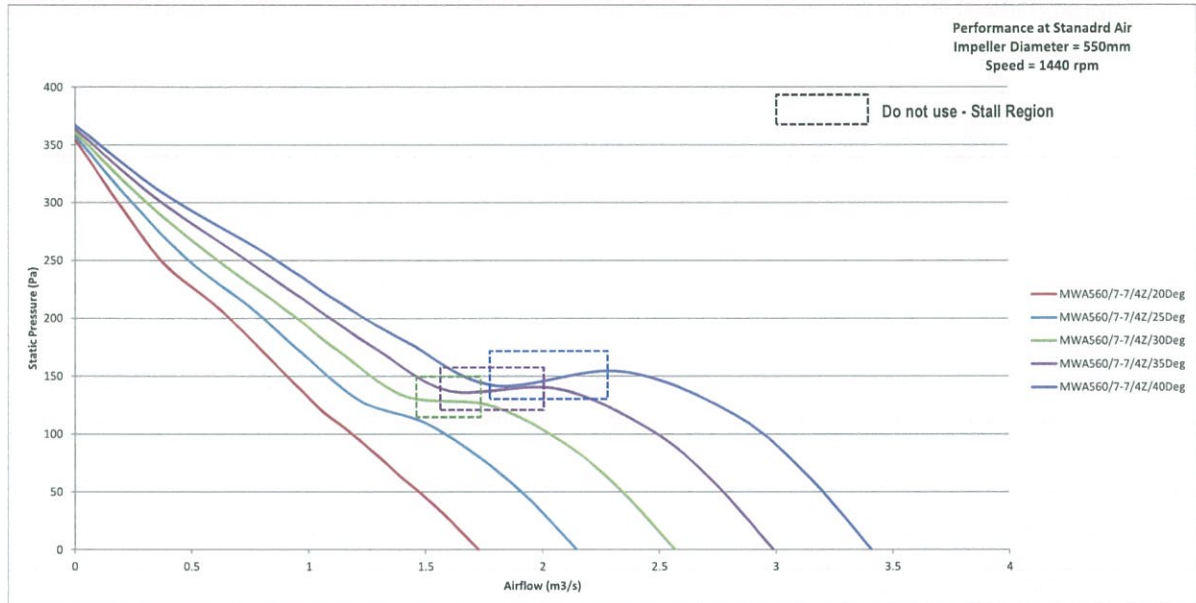
- Performance certified is for installation type D - Ducted inlet, Ducted Outlet.
- Performance rating do not include the effects of appurtenances (accessories).



MASON Tube Axial Fan

MWA 560/7-7/4ZL

Size : 560 mm



AMCA Band Number	Deg	63	125	250	500	1.0K	2.0K	4.0K	8.0K	Ps	Q	N
Lwi (dB)	20	90	96	82	81	78	75	69	61	169	0.88	1474
Lwi (dB)	40	96	97	89	86	84	81	76	70	145	2.53	1439

Remarks

- Value shown are for (Inlet Lwi) sound power level for:
Installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction
- "The sound power level ratings show are in decibels, referred to 10⁻¹² watts, Calculated per AMCA international Standard 301"

Model	Design Max Static (Ps)	Design Max Air Flow (m3/s)
MWA560/7-7/4Z/20	295	0.200
MWA560/7-7/4Z/25	310	0.260
MWA560/7-7/4Z/30	320	0.320
MWA560/7-7/4Z35	331	0.380
MWA560/7-7/4Z/40	338	0.440

Remarks

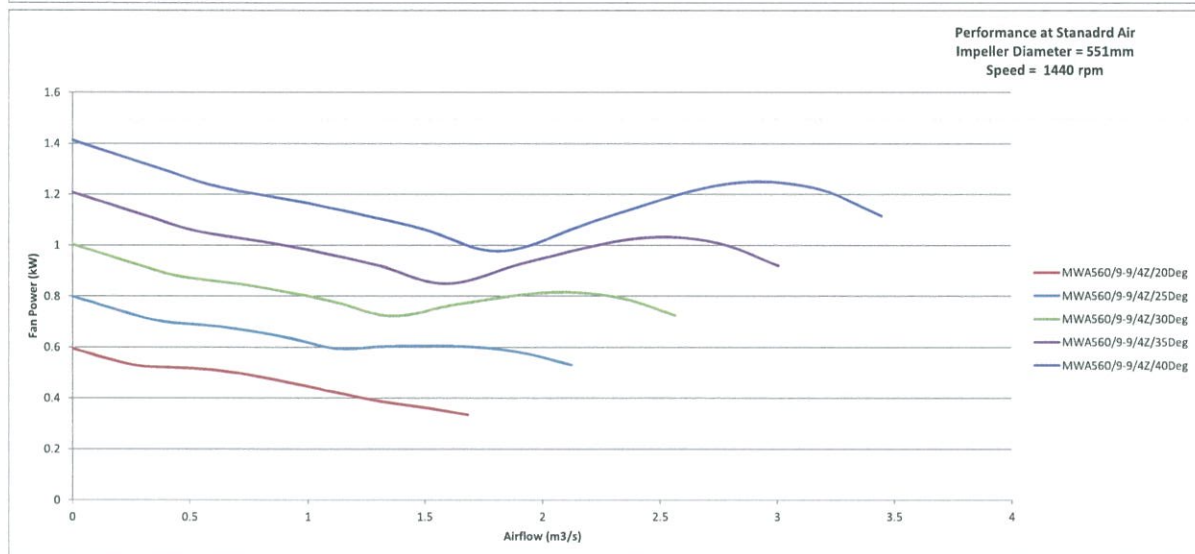
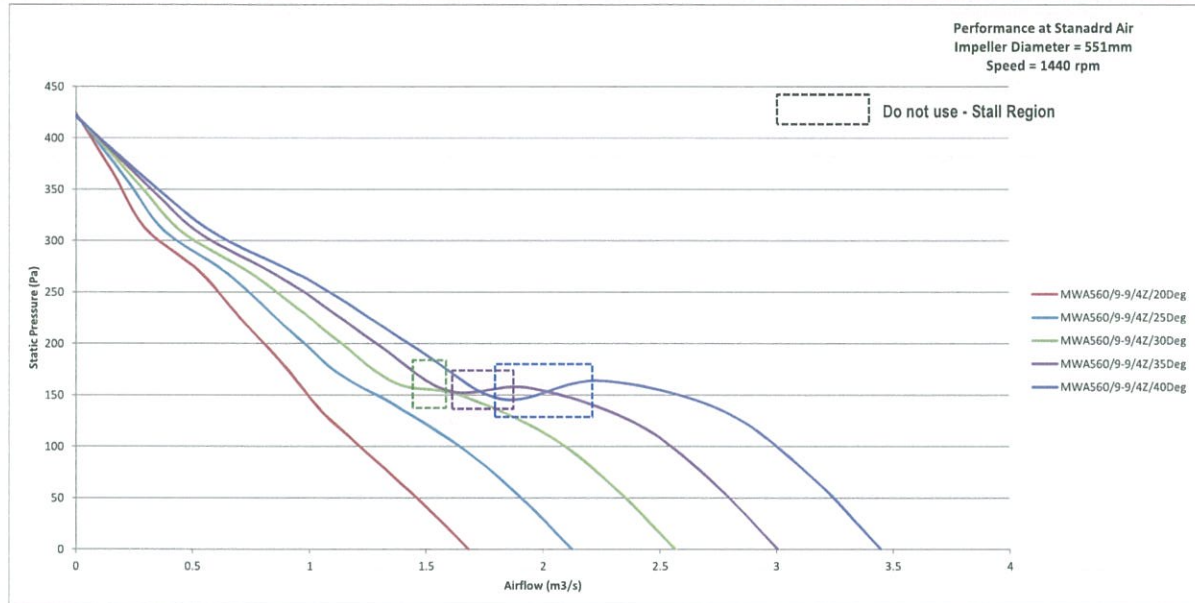
- Performance certified for installation type D - Ducted inlet, Ducted Outlet.
- Performance rating do not include the effects of appurtenances (accessories).



MASON Tube Axial Fan

MWA 560/9-9/4ZL

Size : 560 mm



AMCA Band Number	Deg	63	125	250	500	1.0K	2.0K	4.0K	8.0K	Ps	Q	N
Lwi (dB)	20	92	93	84	82	79	75	69	61	190	0.9	1470
Lwi (dB)	40	95	97	87	87	85	82	76	69	163	2.23	1432

Remarks

- Value shown are for (inlet Lwi) sound power level for:
Installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction
- "The sound power level ratings show are in decibels, referred to 10⁻¹² watts, Calculated per AMCA international Standard 301"

Model	Design Max Static (Ps)	Design Max Air Flow (m3/s)
MWA560/9-9/4Z/20	345	0.220
MWA560/9-9/4Z/25	358	0.260
MWA560/9-9/4Z/30	368	0.300
MWA560/9-9/4Z/35	378	0.370
MWA560/9-9/4Z/40	380	0.430

Remarks

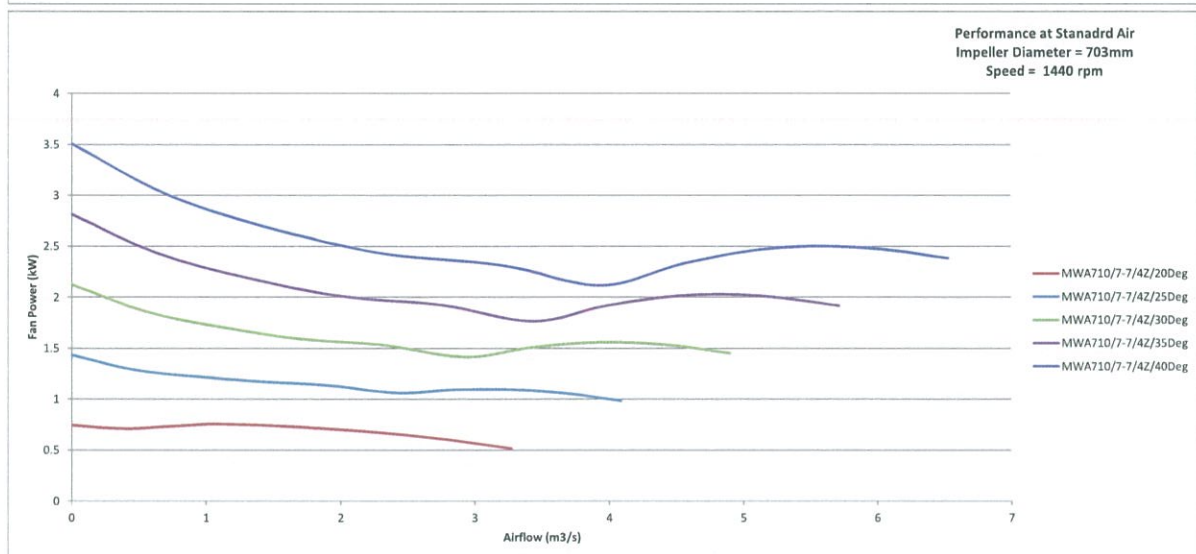
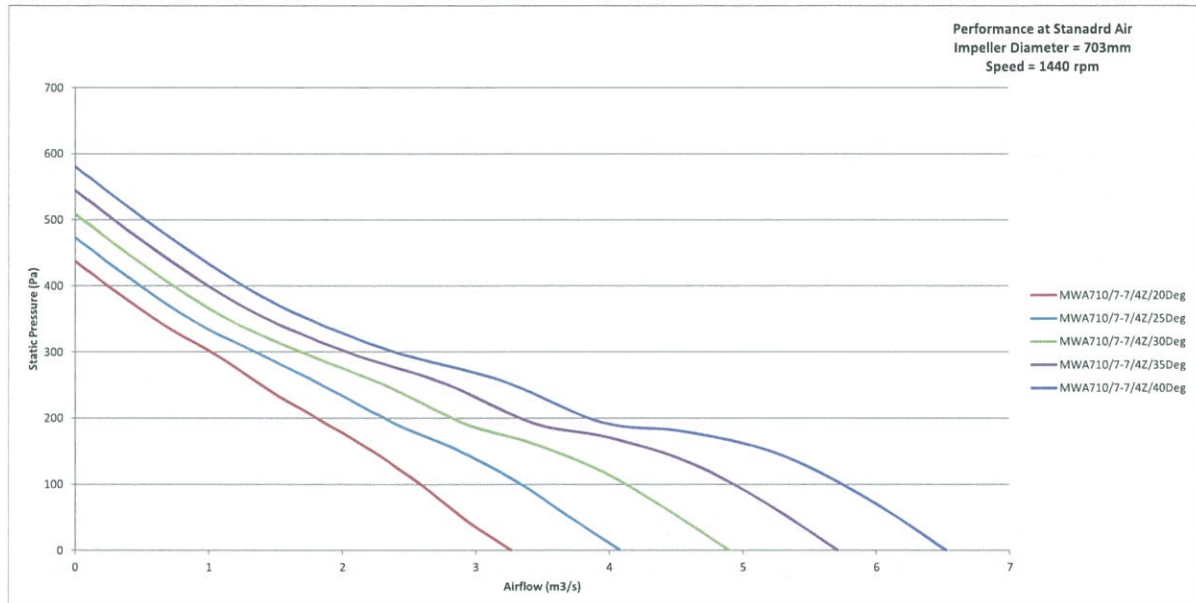
- Performance certified is for installation type D - Ducted inlet, Ducted Outlet.
- Performance rating do not include the effects of appurtenances (accessories).



MASON Tube Axial Fan

MWA 710/7-7/4ZL

Size : 703 mm



AMCA Band Number	Deg	63	125	250	500	1.0K	2.0K	4.0K	8.0K	Ps	Q	N
Lwi (dB)	20	95	101	91	91	89	85	79	70	188	2.07	1485
Lwi (dB)	40	106	103	101	96	93	88	82	76	180	4.69	1454

Remarks

- Value shown are for (inlet Lwi) sound power level for:
Installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction
- "The sound power level ratings show are in decibels, referred to 10^{-12} watts, Calculated per AMCA international Standard 301"

Model	Design Max Static (Ps)	Design Max Air Flow (m3/s)
MWA710/7-7/4Z/20	370	0.480
MWA710/7-7/4Z/25	420	0.800
MWA710/7-7/4Z/30	425	1.000
MWA710/7-7/4Z/35	485	1.350
MWA710/7-7/4Z/40	518	1.600

Remarks

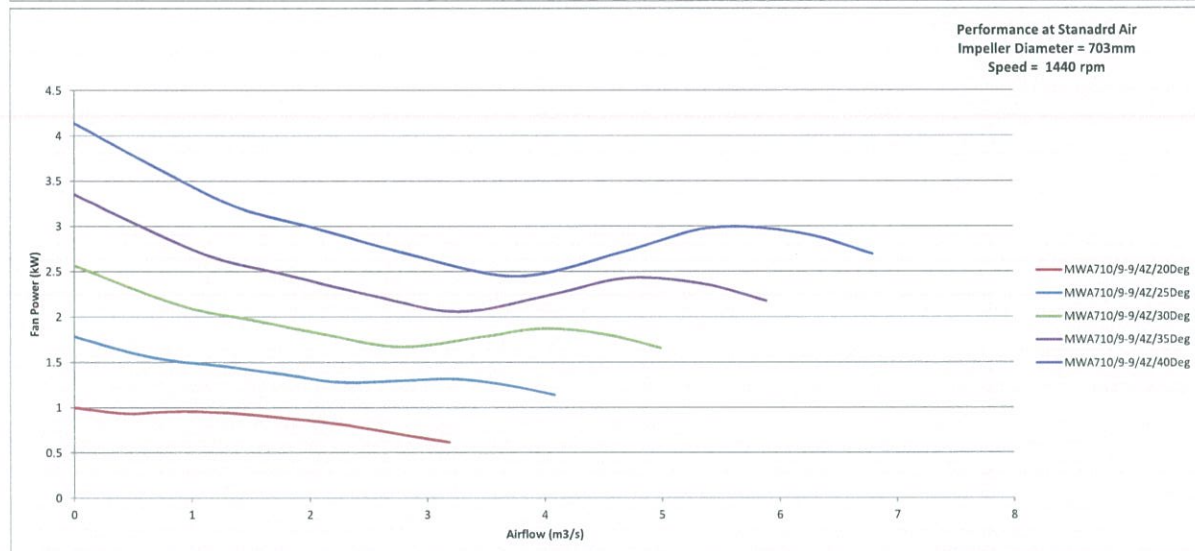
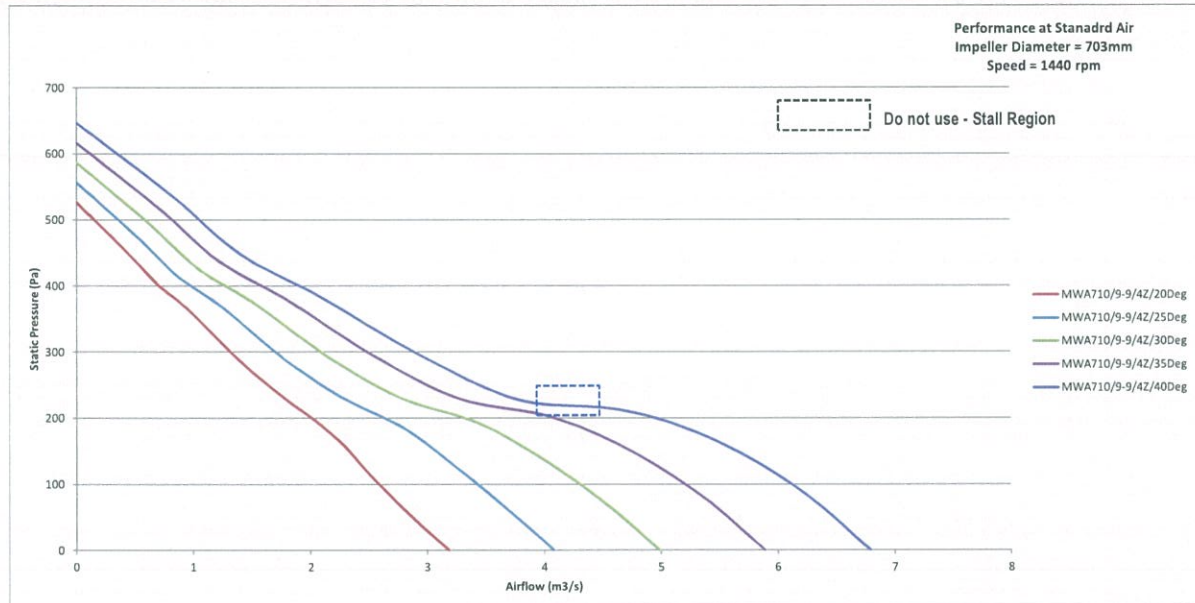
- Performance certified for installation type D - Ducted inlet, Ducted Outlet.
- Performance rating do not include the effects of appurtenances (accessories).



MASON Tube Axial Fan

MWA 710/9-9/4ZL

Size : 710 mm



AMCA Band Number	Deg	63	125	250	500	1.0K	2.0K	4.0K	8.0K	Ps	Q	N
Lwi (dB)	20	92	88	90	93	93	88	81	73	102	2.71	1487
Lwi (dB)	40	110	100	98	96	94	90	85	79	169	5.44	1440

Remarks

- Value shown are for (inlet Lwi) sound power level for:
Installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction
- "The sound power level ratings show are in decibels, referred to 10⁻¹² watts, Calculated per AMCA international Standard 301"

Model	Design Max Static (Ps)	Design Max Air Flow (m3/s)
MWA800/7-7/4Z 20	420	0.400
MWA800/7-7/4Z 25	485	1.000
MWA800/7-7/4Z 30	520	1.400
MWA710/9-9/4Z35	560	1.200
MWA710/9-9/4Z40	595	1.500

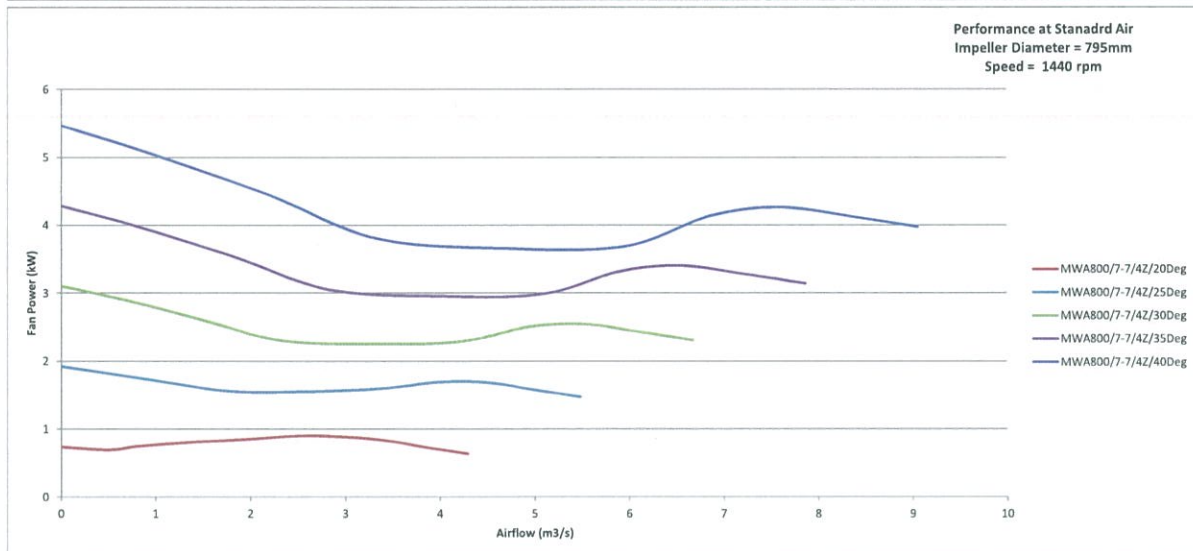
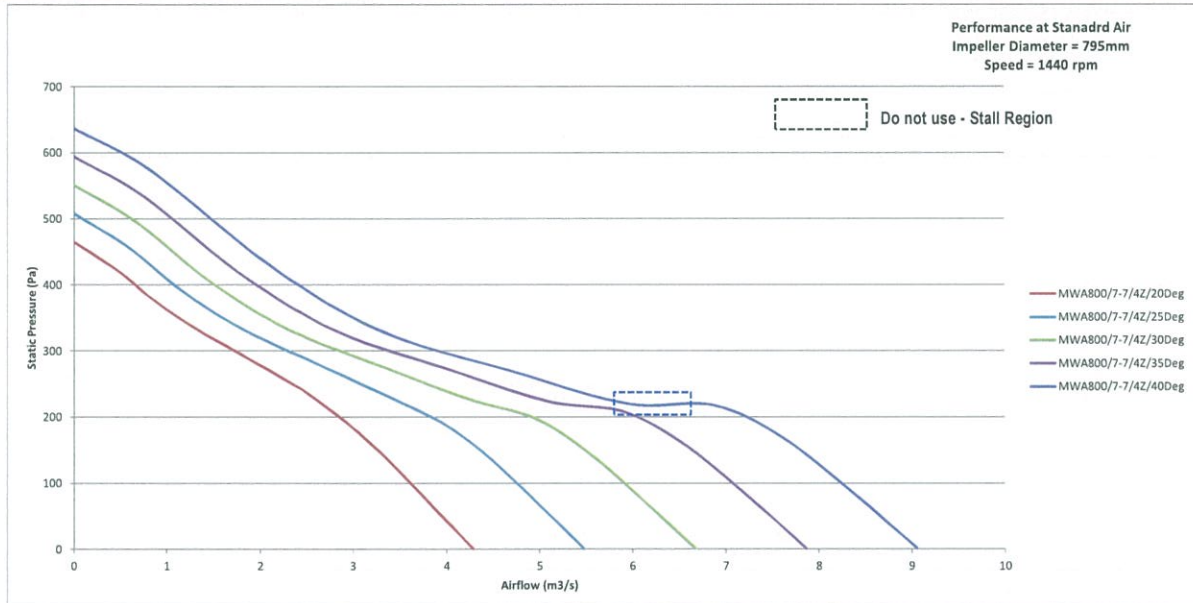
Remarks

- Performance certified for installation type D - Ducted inlet, Ducted Outlet.
- Performance rating do not include the effects of appurtenances (accessories).



MASON Tube Axial Fan

MWA 800/7-7/4ZL
Size : 710 mm



AMCA Band Number	Deg	63	125	250	500	1.0K	2.0K	4.0K	8.0K	Ps	Q	N
LWI (dB)	20	89	91	99	95	93	88	83	76	235	2.78	1495
LWI (dB)	40	102	98	101	101	98	94	89	84	220	7.29	1489

Remarks

- Value shown are for (inlet Lwi) sound power level for:
Installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction
- "The sound power level ratings show are in decibels, referred to 10^{-12} watts, Calculated per AMCA international Standard 301"

Model	Design Max Static (Ps)	Design Max Air Flow (m³/s)
MWA800/7-7/4Z/20	420	0.400
MWA800/7-7/4Z/25	485	1.000
MWA800/7-7/4Z/30	520	1.400
MWA800/7-7/4Z/35	565	1.900
MWA800/7-7/4Z/40	620	2.200

Remarks

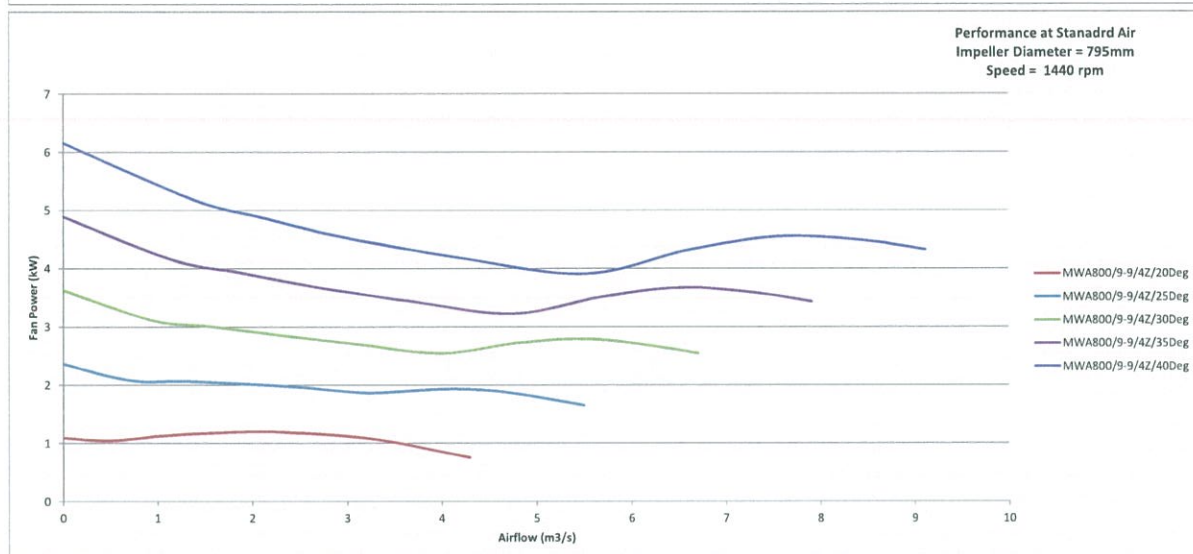
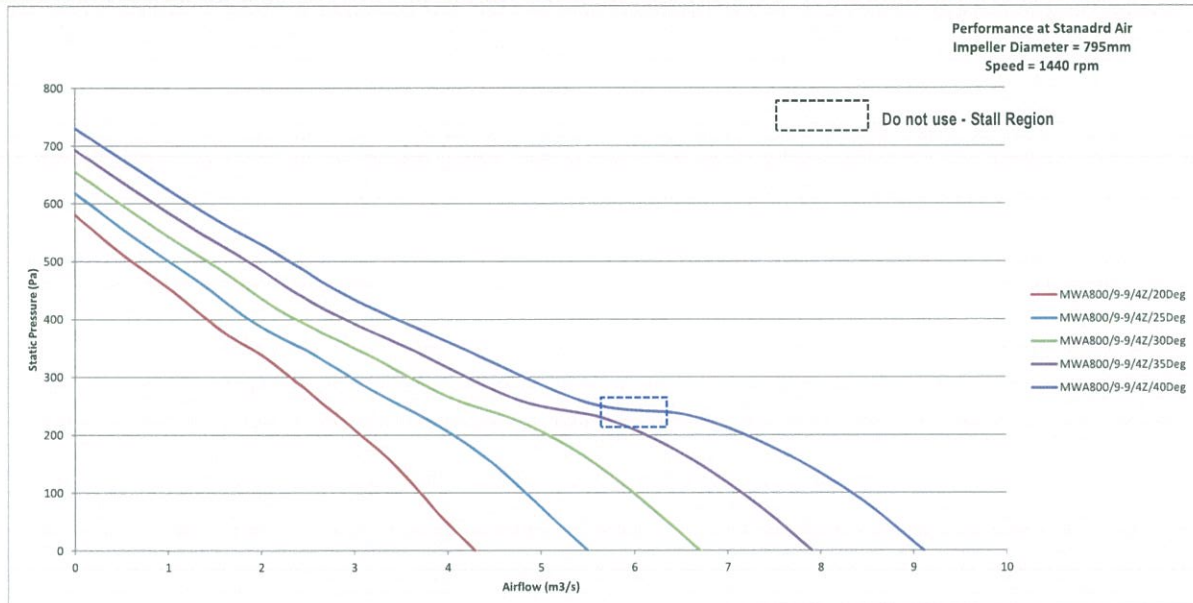
- Performance certified is for installation type D - Ducted inlet, Ducted Outlet.
- Performance rating do not include the effects of appurtenances (accessories).



MASON Tube Axial Fan

MWA 800/9-9/4ZL

Size : 710 mm



AMCA Band Number	Deg	63	125	250	500	1.0K	2.0K	4.0K	8.0K	Ps	Q	N
LWI (dB)	20	96	94	98	94	91	88	83	76	300	2.57	1493
LWI (dB)	40	104	110	104	101	99	94	88	82	240	6.94	1485

Remarks

- Value shown are for (inlet Lwi) sound power level for:
Installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction
- "The sound power level ratings show are in decibels, referred to 10^{-12} watts, Calculated per AMCA international Standard 301"

Model	Design Max Static (Ps)	Design Max Air Flow (m3/s)
MWA800/9-9/4Z/20	480	0.700
MWA800/9-9/4Z/25	540	1.300
MWA800/9-9/4Z/30	560	1.700
MWA800/9-9/4Z/35	620	2.100
MWA800/9-9/4Z/40	660	2.500

Remarks

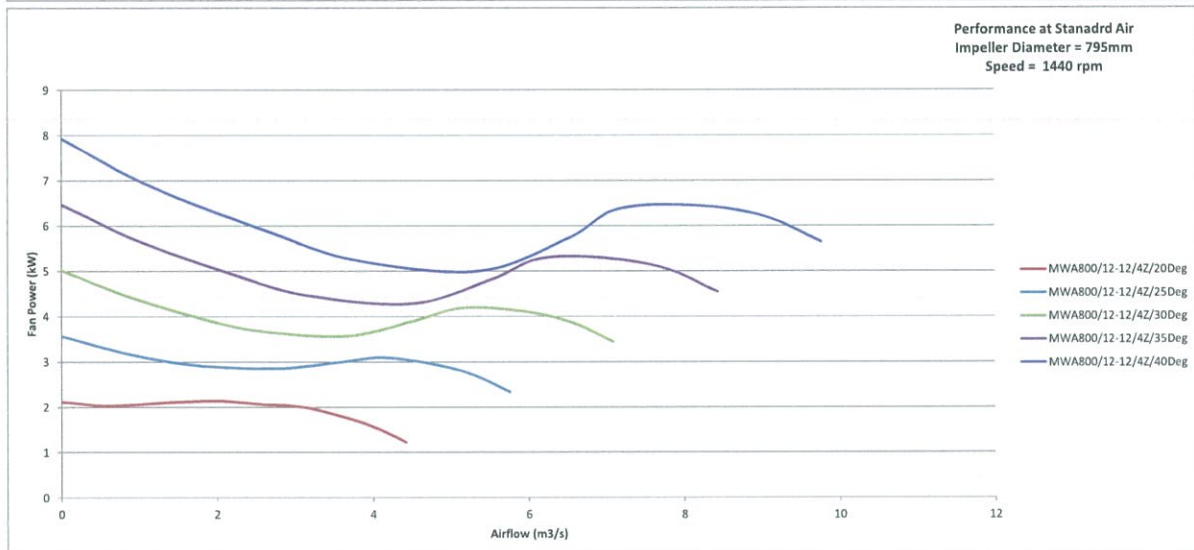
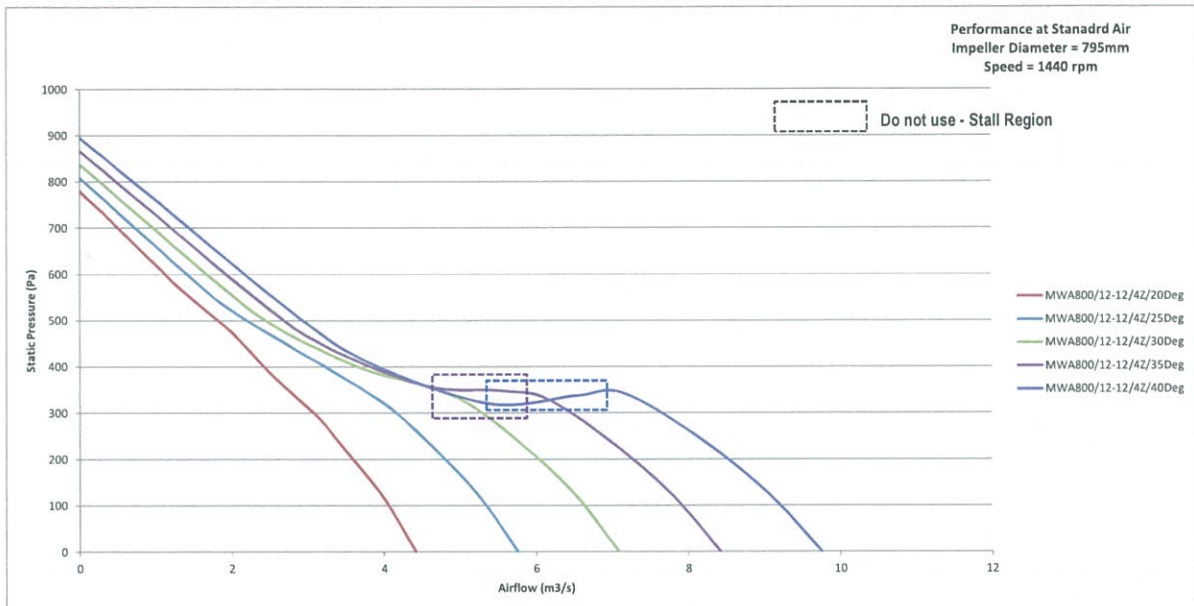
- Performance certified for installation type D - Ducted inlet, Ducted Outlet.
- Performance rating do not include the effects of appurtenances (accessories).



MASON Tube Axial Fan

MWA 800/12-12/4ZL

Size : 800 mm



AMCA Band Number	Deg	63	125	250	500	1.0K	2.0K	4.0K	8.0K	Ps	Q	N
LWI (dB)	20	99	92	97	93	92	88	84	78	478	2.27	1495
LWI (dB)	40	107	93	99	98	96	93	89	84	323	7.72	1477

Remarks

- Value shown are for (inlet Lwi) sound power level for:
Installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction
- "The sound power level ratings show are in decibels, referred to 10^{-12} watts, Calculated per AMCA international Standard 301"

Model	Design Max Static (Ps)	Design Max Air Flow (m³/s)
MWA800/12-12/4Z/20	645	0.900
MWA800/12-12/4Z/25	682	1.150
MWA800/12-12/4Z/30	722	1.400
MWA800/12-12/4Z/35	762	1.650
MWA800/12-12/4Z/40	790	2.200

Remarks

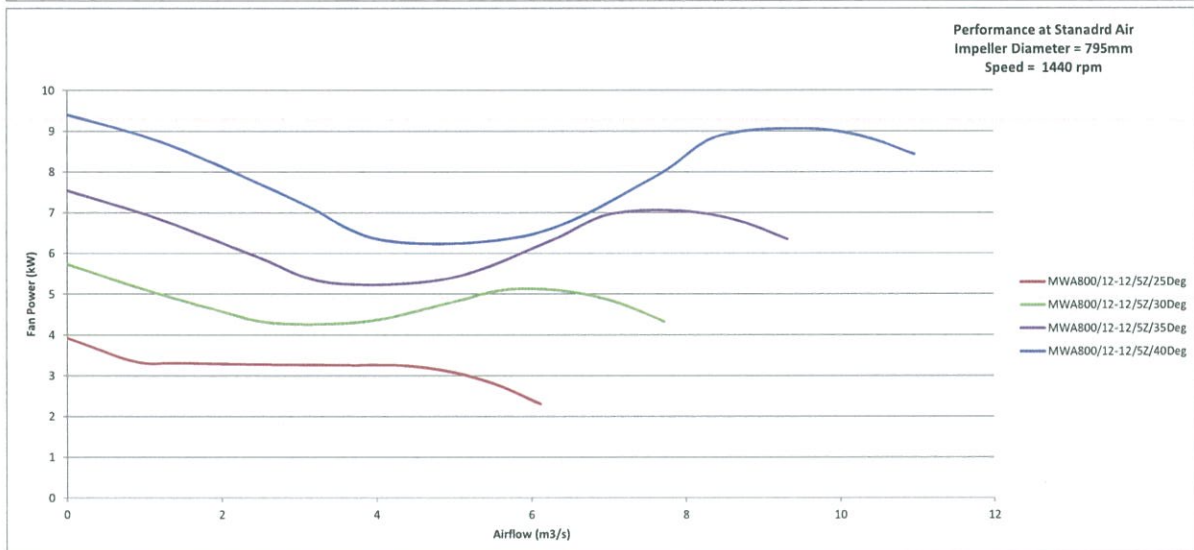
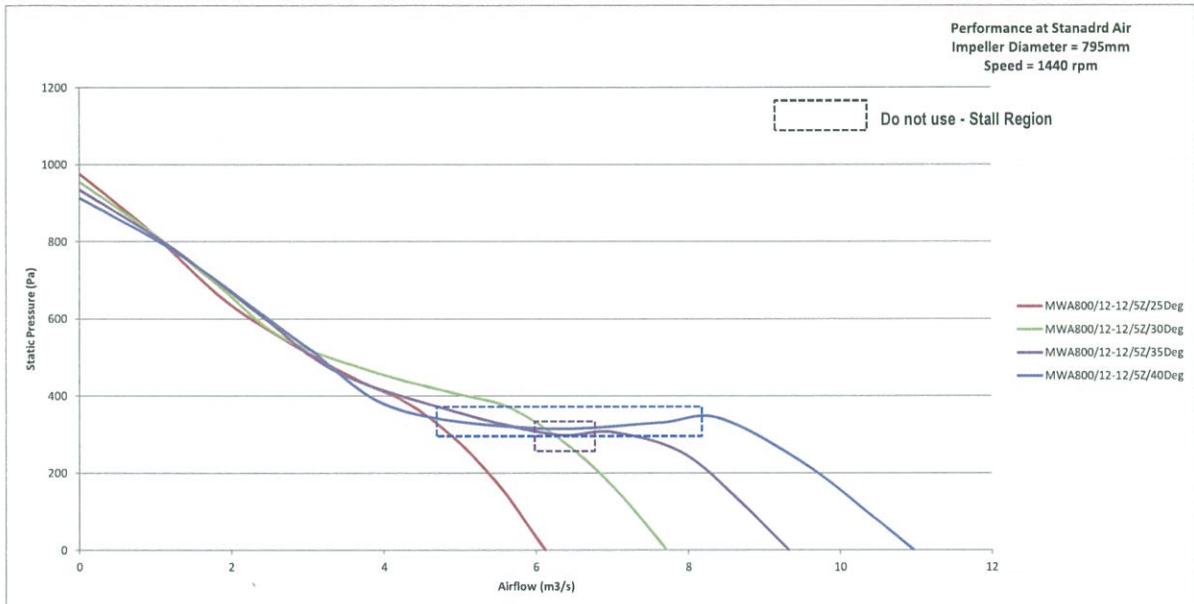
- Performance certified is for installation type D - Ducted inlet, Ducted Outlet.
- Performance rating do not include the effects of appurtenances (accessories).



MASON Tube Axial Fan

MWA 800/12-12/5ZL

Size : 800 mm



AMCA Band Number	Deg	63	125	250	500	1.0K	2.0K	4.0K	8.0K	Ps	Q	N
LWI (dB)	25	95	91	97	98	97	93	87	80	383	4.3	1490
LWI (dB)	45	106	99	100	99	97	94	89	85	343	8.7	1469

Remarks

- Value shown are for (inlet Lwi) sound power level for:
Installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction
- "The sound power level ratings show are in decibels, referred to 10^{-12} watts, Calculated per AMCA international Standard 301"

Model	Design Max Static (Ps)	Design Max Air Flow (m³/s)
MWA800/12-12/5Z/25	900	0.900
MWA800/12-12/5Z/30	890	0.650
MWA800/12-12/5Z/35	880	0.630
MWA800/12-12/5Z/40	870	0.600

Remarks

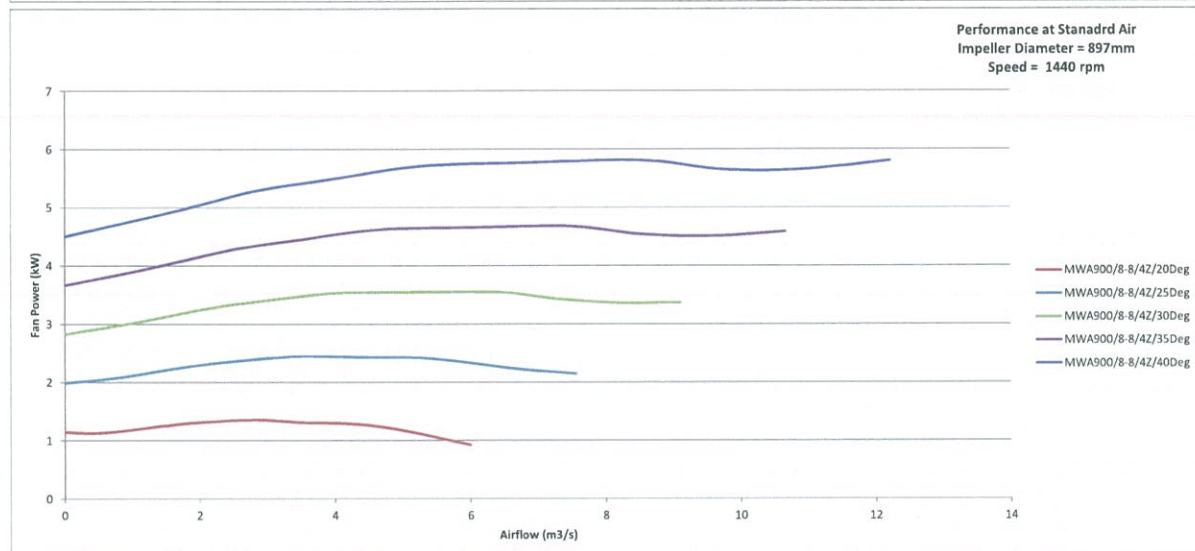
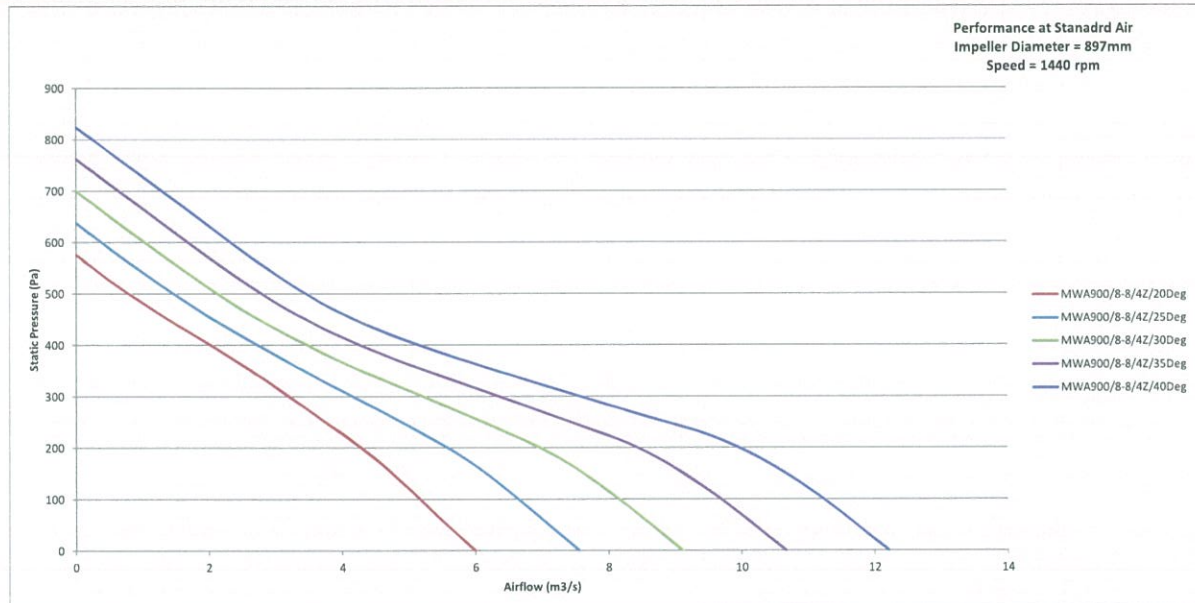
- Performance certified is for installation type D - Ducted inlet, Ducted Outlet.
- Performance rating do not include the effects of appurtenances (accessories).



MASON Tube Axial Fan

MWA 900/8-8/4Z

Size : 900 mm



AMCA Band Number	Deg	63	125	250	500	1.0K	2.0K	4.0K	8.0K	Ps	Q	N
LWI (dB)	20	87	97	99	96	95	91	87	80	288	3.74	1500
LWI (dB)	40	101	108	104	99	98	94	88	82	337	7.51	1494

Remarks

- Value shown are for (inlet Lwi) sound power level for:
Installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction
- "The sound power level ratings show are in decibels, referred to 10⁻¹² watts, Calculated per AMCA international Standard 301"

Model	Design Max Static (Ps)	Design Max Air Flow (m3/s)
MWA900/8-8/4Z 20	520	0.600
MWA900/8-8/4Z 25	580	1.100
MWA900/8-8/4Z 30	640	1.800
MWA900/8-8/4Z 35	700	2.700
MWA280/6-3/3HL40	770	3.100

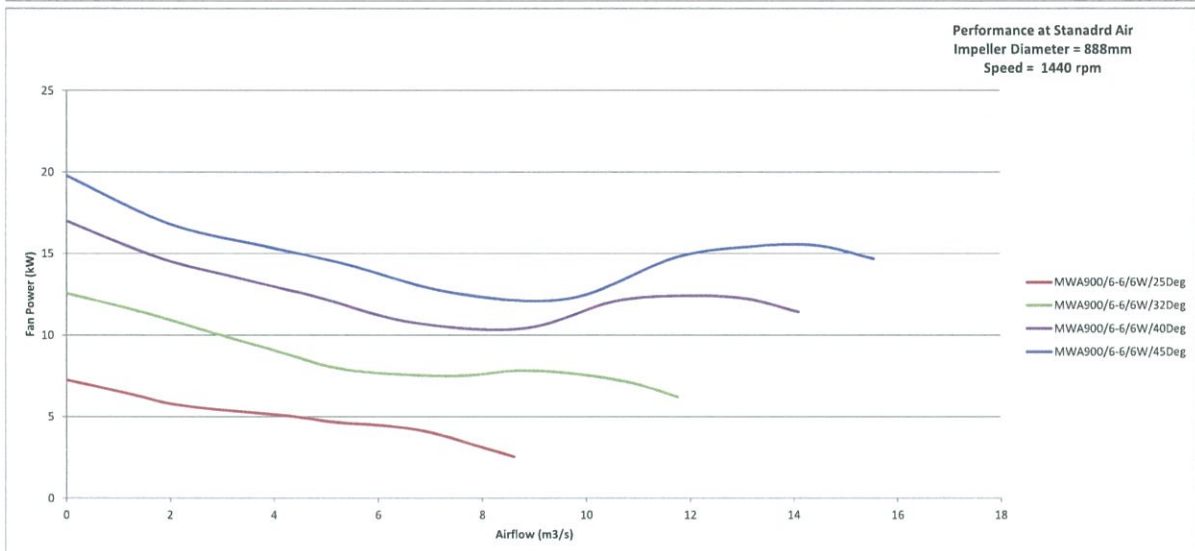
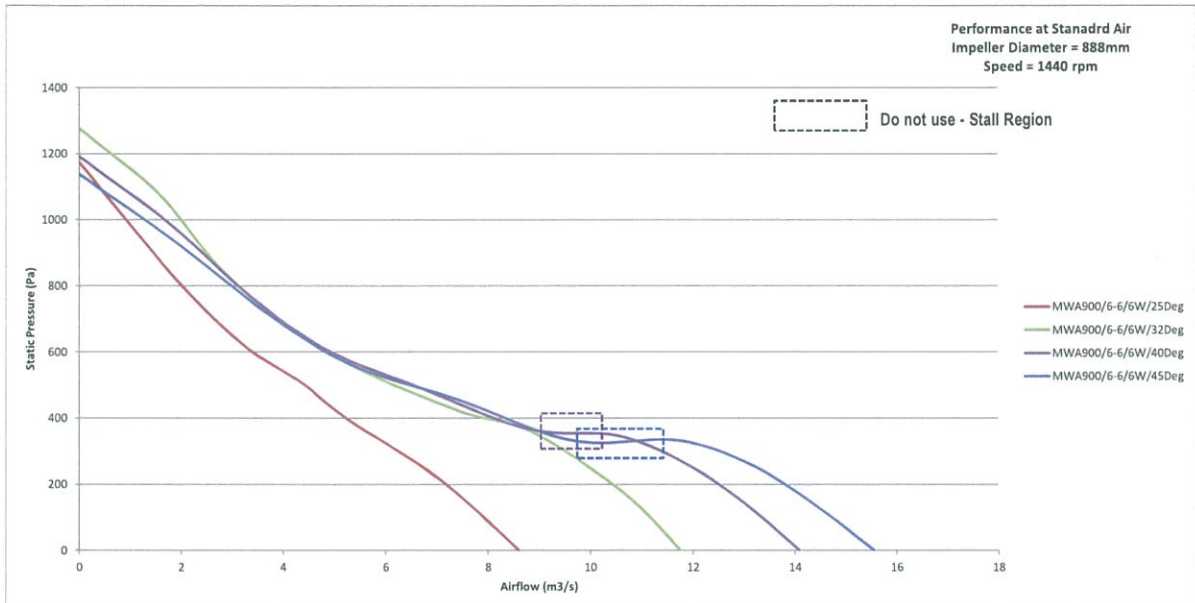
Remarks

- Performance certified is for installation type D - Ducted inlet, Ducted Outlet.
- Performance rating do not include the effects of appurtenances (accessories).



MASON Tube Axial Fan

MWA 900/6-6/6W1
Size : 900 mm



AMCA Band Number	Deg	63	125	250	500	1.0K	2.0K	4.0K	8.0K	Ps	Q	N
LWI (dB)	25	97	100	104	103	99	93	87	81	318	6.56	1498
LWI (dB)	32	110	107	106	104	100	96	93	90	260	13.69	1482
LWI (dB)	45	114	108	106	104	101	96	92	88	333	12.51	1487

Remarks

- Value shown are for (inlet Lwi) sound power level for:
Installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction
- "The sound power level ratings show are in decibels, referred to 10⁻¹² watts, Calculated per AMCA international Standard 301"

Model	Design Max Static (Ps)	Design Max Air Flow (m³/s)
MWA900/6-6/6W/25	1000	0.800
MWA900/6-6/6W/32	1285	2.000
MWA900/6-6/6W/40	1090	1.500
MWA900/6-6/6W/45	1070	1.400

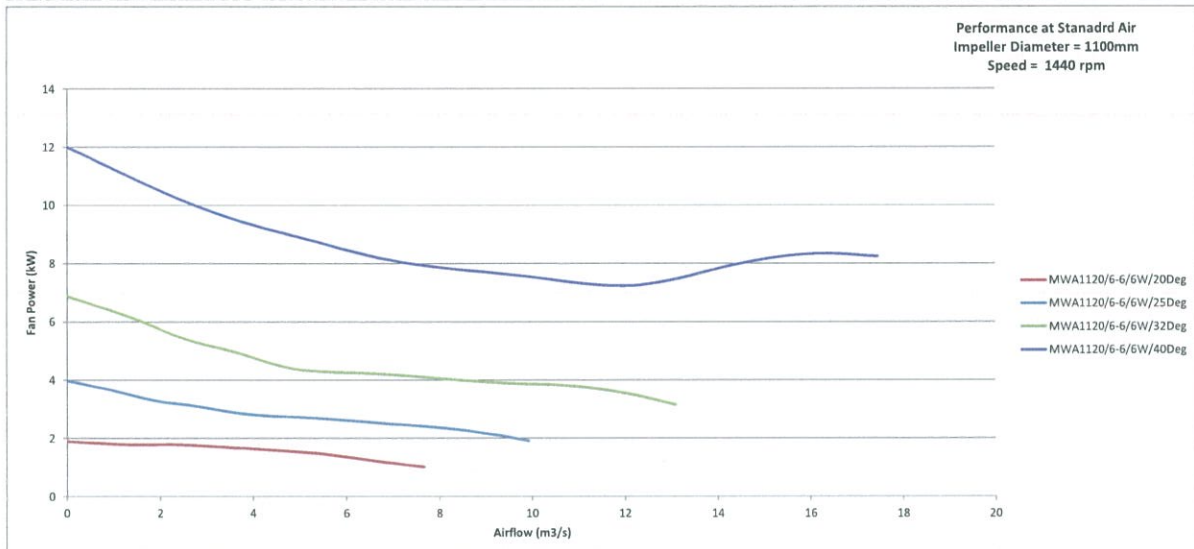
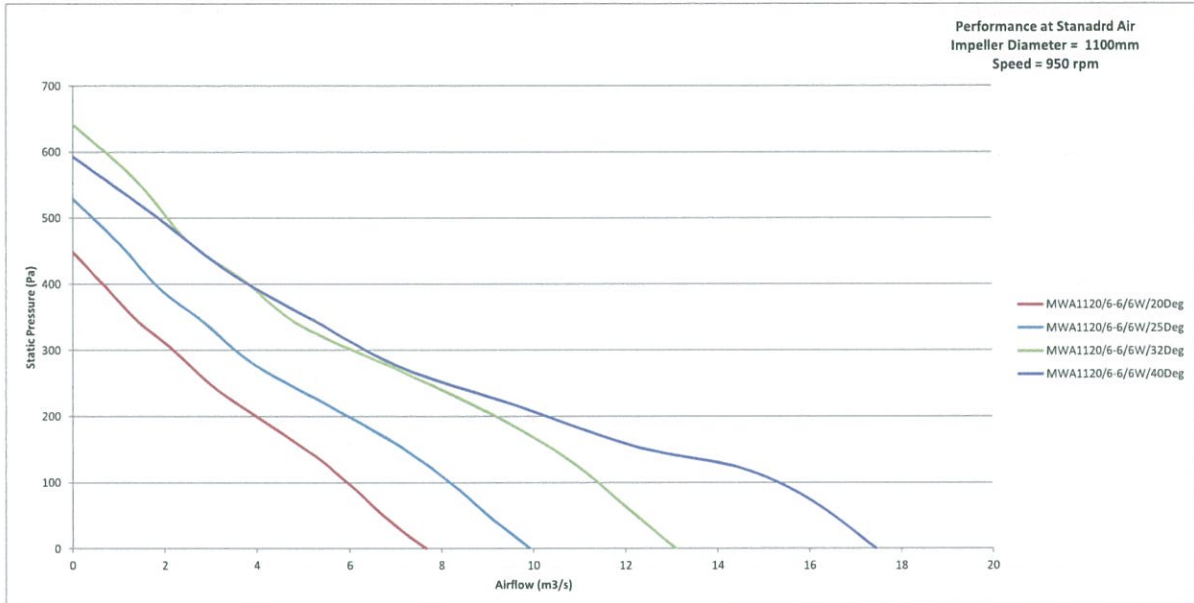


Remarks

- Performance certified is for installation type D - Ducted inlet, Ducted Outlet.
- Performance rating do not include the effects of appurtenances (accessories).

MASON Tube Axial Fan

MWA 1120/6-6/6W
Size : 1120 mm



AMCA Band Number	Deg	63	125	250	500	1.0K	2.0K	4.0K	8.0K	Ps	Q	N
LWI (dB)	25	95	97	94	93	89	83	75	65	130	5.45	950
LWI (dB)	32	101	105	100	96	92	87	81	75	204	9.08	950
LWI (dB)	40	104	101	94	92	88	82	76	72	220	9.51	950

Remarks

- Value shown are for (inlet Lwi) sound power level for:
Installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction
- "The sound power level ratings show are in decibels, referred to 10⁻¹² watts, Calculated per AMCA International Standard 301"

Model	Design Max Static (Ps)	Design Max Air Flow (m ³ /s)
MWA1120/6-6/6W/20	400	0.500
MWA1120/6-6/6W/25	510	1.6
MWA1120/6-6/6W/32	560	3.6
MWA1120/6-6/6W/40	590	3.800

Remarks

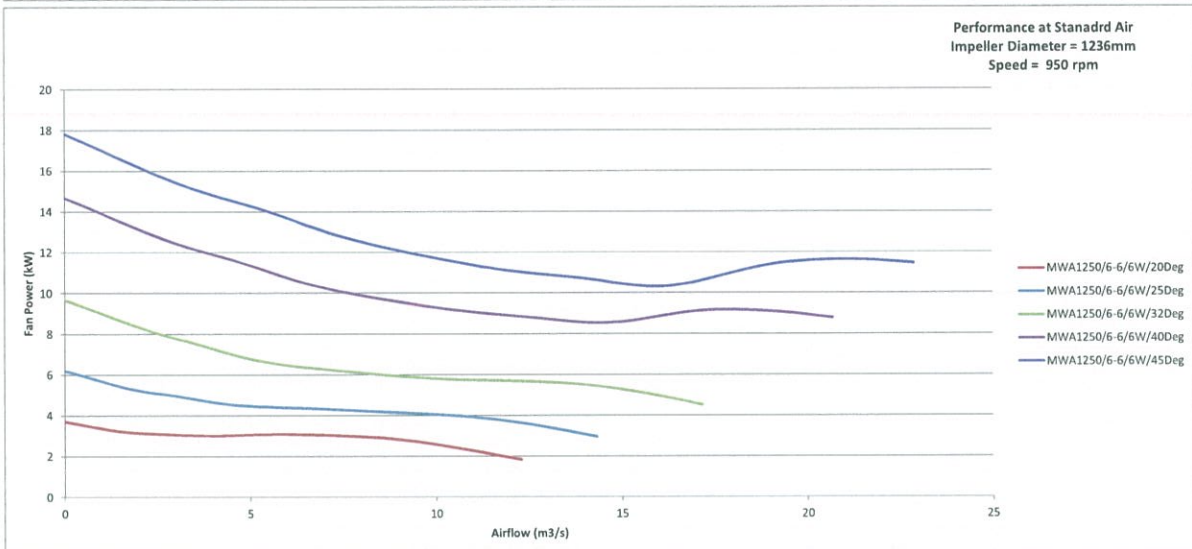
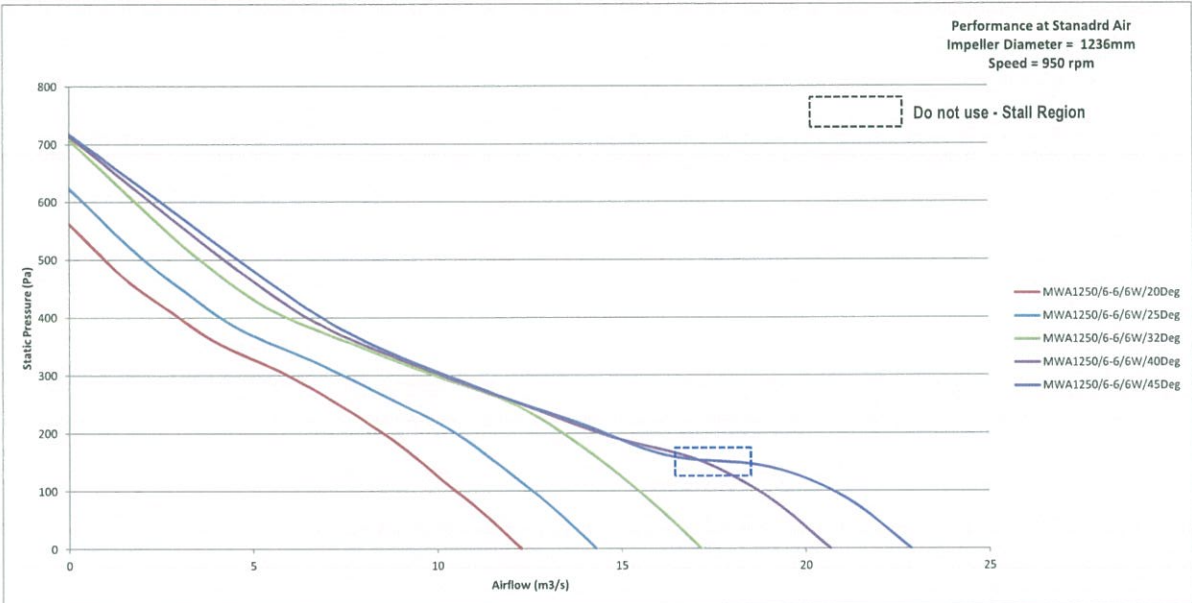
- Performance certified is for installation type D - Ducted inlet, Ducted Outlet.
- Performance rating do not include the effects of appurtenances (accessories).



MASON Tube Axial Fan

MWA 1250/6-6/6W

Size : 1250 mm



AMCA Band Number	Deg	63	125	250	500	1.0K	2.0K	4.0K	8.0K	Ps	Q	N
Lw _i (dB)	20	99	101	98	98	95	88	81	73	116	10.19	950
Lw _i (dB)	32	105	106	102	99	96	90	84	77	0	17.17	950
Lw _i (dB)	45	109	109	106	103	99	93	89	85	0	22.88	950

Remarks

- Value shown are for (inlet Lw_i) sound power level for:
Installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction
- "The sound power level ratings show are in decibels, referred to 10⁻¹² watts, Calculated per AMCA international Standard 301"

Model	Design Max Static (Ps)	Design Max Air Flow (m³/s)
MWA1250/6-6/6W/20	490	1.200
MWA1250/6-6/6W/25	555	2.000
MWA1250/6-6/6W/32	640	3.800
MWA1250/6-6/6W/40	655	4.400
MWA1250/6-6/6W/45	660	5.000

Remarks

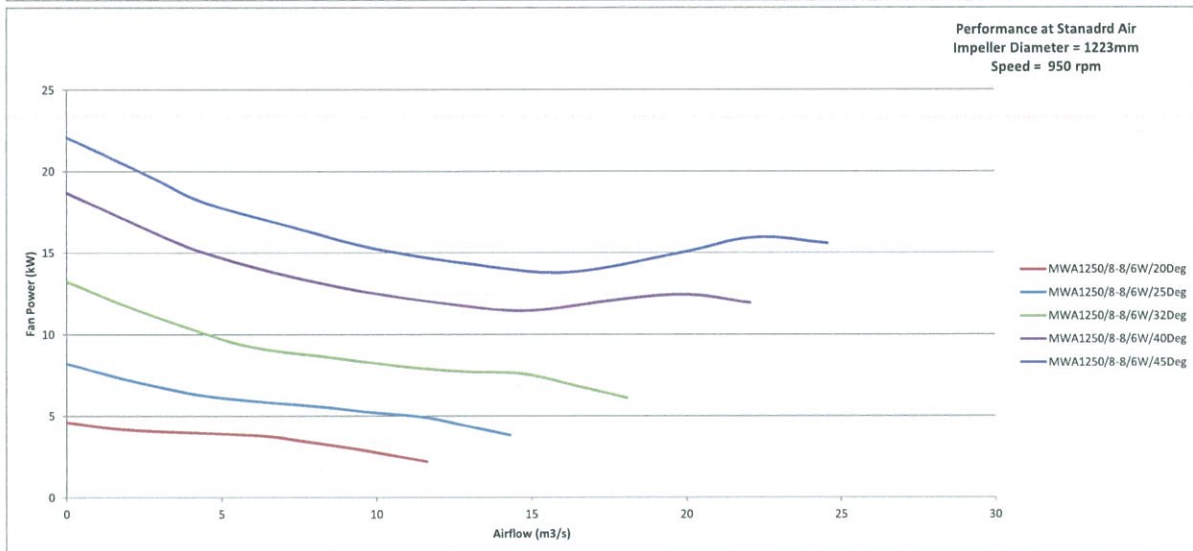
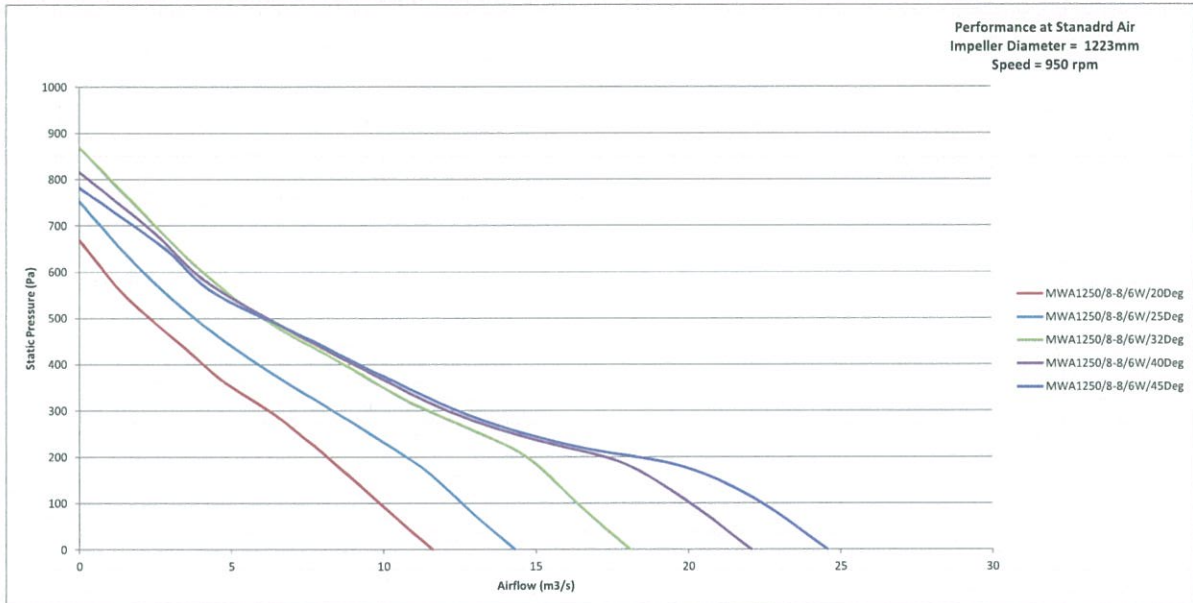
- Performance certified is for installation type D - Ducted inlet, Ducted Outlet.
- Performance rating do not include the effects of appurtenances (accessories).



MASON Tube Axial Fan

MWA 1250/8-8/6W

Size : 1250 mm



AMCA Band Number	Deg	63	125	250	500	1.0K	2.0K	4.0K	8.0K	Ps	Q	N
Lwi (dB)	20	93	100	100	100	96	89	83	74	71	10.36	950
Lwi (dB)	32	104	107	103	101	96	90	84	77	199	14.72	950
Lwi (dB)	45	106	109	106	103	100	95	89	84	0	24.59	950

Remarks

- Value shown are for (inlet Lwi) sound power level for:
Installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction
- "The sound power level ratings show are in decibels, referred to 10^{-12} watts, Calculated per AMCA international Standard 301"

Model	Design Max Static (Ps)	Design Max Air Flow (m3/s)
MWA1250/8-8/6W/20	585	1.100
MWA1250/8-8/6W/25	665	2.500
MWA1250/8-8/6W/32	830	4.400
MWA1250/8-8/6W/40	780	4.200
MWA1250/8-8/6W/45	760	3.800

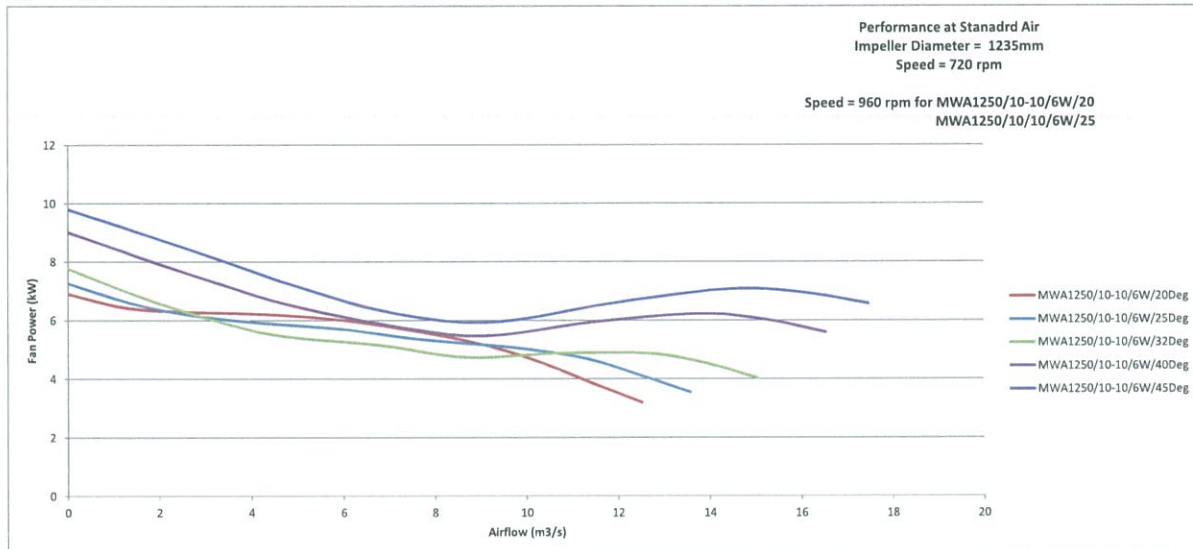
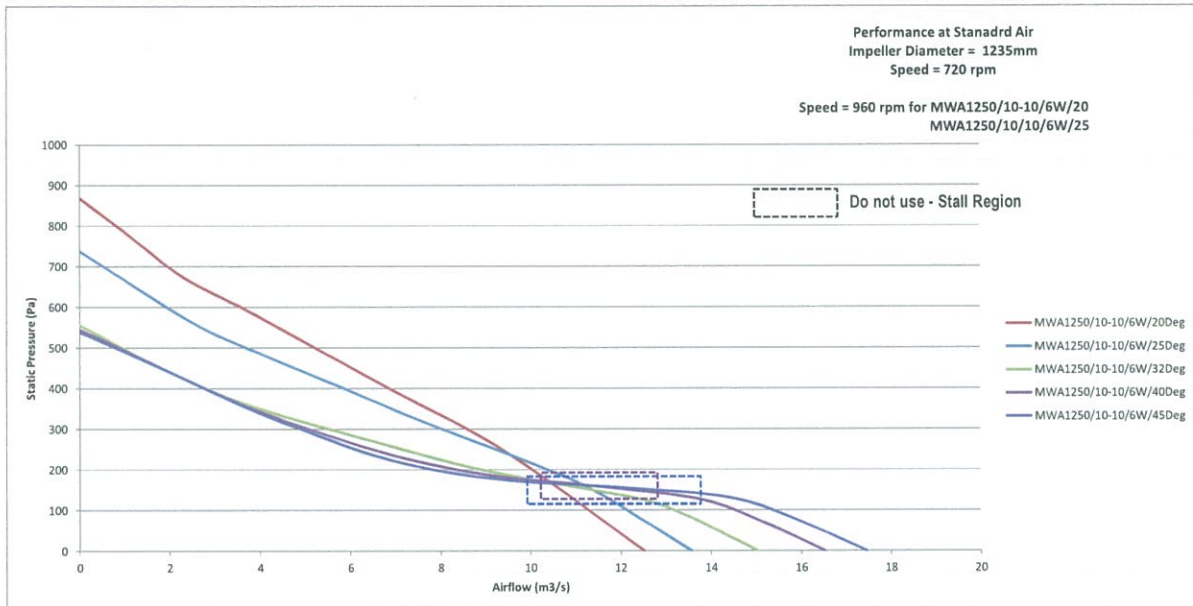
Remarks

- Performance certified is for installation type D - Ducted inlet, Ducted Outlet.
- Performance rating do not include the effects of appurtenances (accessories).



MASON Tube Axial Fan

MWA 1250/10-10/6W
Size : 1250 mm



AMCA Band Number	Deg	63	125	250	500	1.0K	2.0K	4.0K	8.0K	Ps	Q	N
Lwi (dB)	20	94	101	100	101	98	94	88	75	281	8.92	960
Lwi (dB)	32	103	99	94	92	94	89	81	70	205	8.7	720
Lwi (dB)	45	103	100	97	95	95	90	83	76	130	14.48	720

Remarks

- Value shown are for (inlet Lwi) sound power level for:
Installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction
- "The sound power level ratings show are in decibels, referred to 10^{-12} watts, Calculated per AMCA international Standard 301"

Model	Design Max Static (Ps)	Design Max Air Flow (m3/s)
MWA1250/10-10/6W/20	835	5.100
MWA1250/10-10/6W/25	715	4.150
MWA1250/10-10/6W/32	535	1.000
MWA1250/10-10/6W/40	525	0.800
MWA1250/10-10/6W/45	520	0.800

Remarks

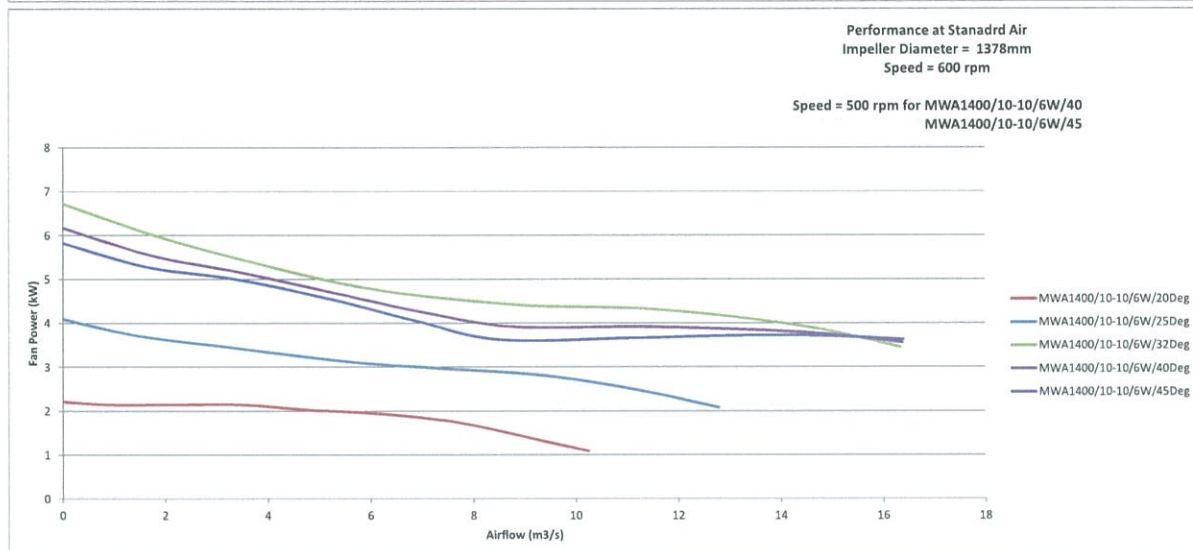
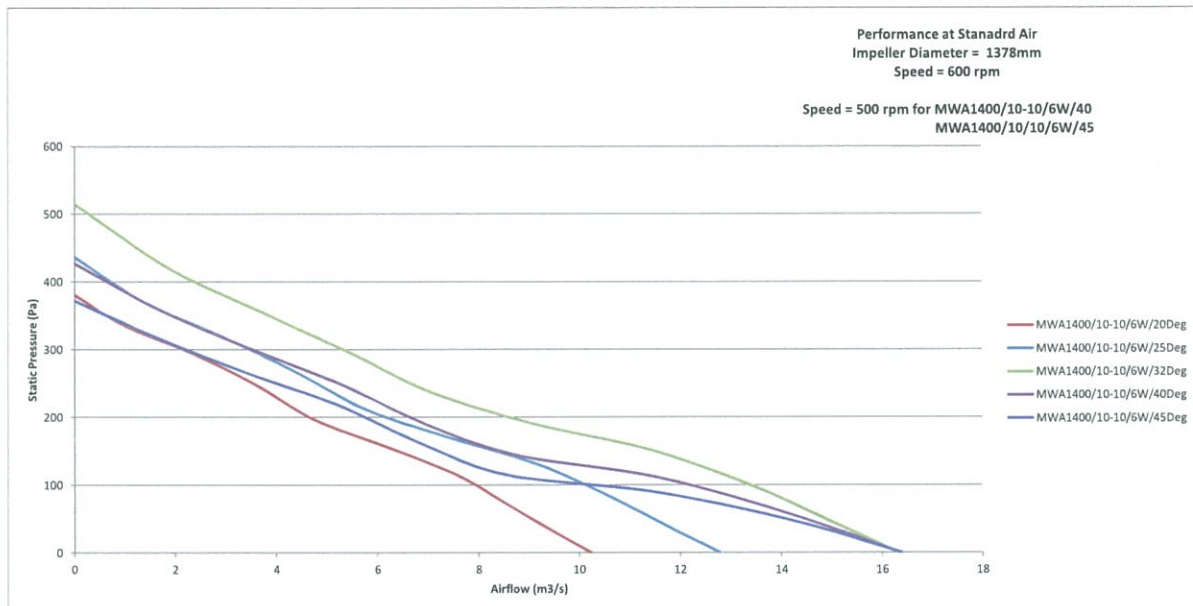
- Performance certified for installation type D - Ducted inlet, Ducted Outlet.
- Performance rating do not include the effects of appurtenances (accessories).



MASON Tube Axial Fan

MWA 1400/10-10/6W

Size : 1400 mm



AMCA Band Number	Deg	63	125	250	500	1.0K	2.0K	4.0K	8.0K	Ps	Q	N
Lw _e (dB)	20	86	86	90	90	86	80	74	64	0	10.25	600
Lw _e (dB)	32	94	92	93	92	88	83	77	71	94	13.58	600
Lw _e (dB)	40	94	91	91	90	86	80	73	68	0	16.4	500

Remarks

- Value shown are for (inlet Lw_e) sound power level for:
Installation Type A - Free inlet, Free outlet.
- "The sound power level ratings show are in decibels, referred to 10⁻¹² watts, Calculated per AMCA international Standard 301"

Model	Design Max Static (Ps)	Design Max Air Flow (m³/s)
MWA1400/10-10/6W/20	330	1.000
MWA1400/10-10/6W/25	405	2.700
MWA1400/10-10/6W/32	450	4.300
MWA1400/10-10/6W/40	530	6.700
MWA1400/10-10/6W/45	325	0.900

Remarks

- Performance certified for installation Type A - Free inlet, Free outlet.
- Performance rating do not include the effects of appurtenances (accessories).

