INFINAIR™

INFINAIR ARABIA CO. LTD.

ISQ

Inline Square Centrifugal Fan

UL 705:2017 Listed Fans
High Quality Products
Aluminum Construction
Less Sound
Quiet Operation
Low Power Consumption

ETL LISTED US
UL Listed Fans
Standard UL 705:2017

INFINAIR ARABIA COMPANY LTD. certifies that the Centrifugal Inline Square (ISQ) shown herein is 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 Ratings Program

amca WORLDWIDE CERTIFIED RATINGS
SOUND AND AIR PERFORMANCE
AIR MOVEMENT AND CONTROL ASSOCIATION INTERNATIONAL, INC.
www.amca.org

Inline Square Centrifugal Fans
Sizes 300 mm - 1000 mm

ISO Certified Factory

SYSTEM CERTIFICATION ISO 9001 SGS QAULITY ASSURANCE

SYSTEM CERTIFICATION ISO 14001 SGS ENVIRONMENTAL

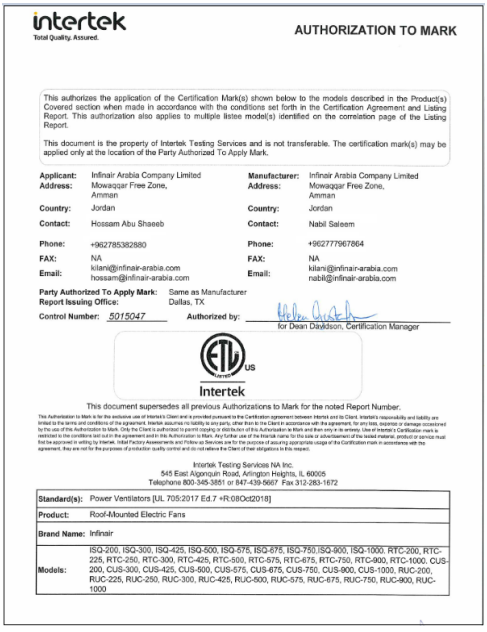
SYSTEM CERTIFICATION ISO 45001 SGS HEALTH & SAFETY

Management Massages

INFINAIR ARABIA would like to express their thanks to all of you that you have selected INFINAIR products. INFINAIR products have been exported to many countries all over the world. INFINAIR is always looking to satisfy the customers in all levels by providing high quality fans. The fans engineering designs include a lot of solutions that maintain high performance, less power consumption, low noise and high efficiency rate. INFINAIR is very interested in Quality Management ISO 9001 and Health and Safety Management 1SO 14001 and ISO 45001. We believe that management is the base to develop our products. INFINAIR has qualified engineers and designers to support customers before and after the orders. We have many training programs for the customers & consultants that enable them to get valuable information about Fans Engineering. INFINAIR has many departments to support their customers: Sales, Application, Engineering, Production, Quality and Service to make sure the products specifications are followed as per customers needs.

Certifications and Accreditation

INFINAIR ARABIA COMPANY LTD has considered the certifications and accreditation at first priority to make sure that customer will buy a safe product, high quality air performance and finishing. INFINAIR has done many steps toward success for help all kind of customers in Middle East and North Africa (MENA). All INFINAIR products are under warranty for 18 months of delivery date. If customer would join Warranty extended program for 2 years or 5 years that is also possible.



intertek
Total Quality. Assured.

AUTHORIZATION TO MARK

This authorizes the application of the Certification Mark(s) shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report. This authorization also applies to multiple listee model(s) identified on the correlation page of the Listing Report.

This document is the property of Intertek Testing Services and is not transferable. The certification mark(s) may be applied only at the location of the Party Authorized To Apply Mark.

Applicant:	Infinair Arabia Company Limited	**Manufacturer:**	Infinair Arabia Company Limited
Address:	Mowaqqar Free Zone, Amman	**Address:**	Mowaqqar Free Zone, Amman
Country:	Jordan	**Country:**	Jordan
Contact:	Hossam Abu Shaeeb	**Contact:**	Nabil Saleem
Phone:	+962785382880	**Phone:**	+962777967864
FAX:	NA	**FAX:**	NA
Email:	kilani@infinair-arabia.com hossam@infinair-arabia.com	**Email:**	kilani@infinair-arabia.com nabil@infinair-arabia.com

Party Authorized To Apply Mark: Same as Manufacturer
Report Issuing Office: Dallas, TX
Control Number: 5015047 **Authorized by:** for Dean Davidson, Certification Manager

Intertek

This document supersedes all previous Authorizations to Mark for the noted Report Number.

Standard(s):	Power Ventilators [UL 705:2017 Ed.7 +R:08Oct2018]
Product:	Roof-Mounted Electric Fans
Brand Name:	Infinair
Models:	ISQ-200, ISQ-300, ISQ-425, ISQ-500, ISQ-575, ISQ-675, ISQ-750, ISQ-900, ISQ-1000, RTC-200, RTC-225, RTC-250, RTC-300, RTC-425, RTC-500, RTC-575, RTC-675, RTC-750, RTC-900, RTC-1000, CUS-200, CUS-300, CUS-425, CUS-500, CUS-575, CUS-675, CUS-750, CUS-900, CUS-1000, RUC-200, RUC-225, RUC-250, RUC-300, RUC-425, RUC-500, RUC-575, RUC-675, RUC-750, RUC-900, RUC-1000

UL listed Certificate

Air Movement & Control Association International, Inc.
The International Authority on Air System Components Since 1917

amca INTERNATIONAL
MEMBER

INFINAIR ARABIA COMPANY LTD.

September 2019
Member Since

Executive Director

AMCA Membership

Certificate JO19/2462

SGS

The management system of
INFINAIR ARABIA COMPANY LTD.,
Mowaqqar Free Zone - Industrial Area - Amman - Jordan

has been assessed and certified as meeting the requirements of
ISO 45001:2018

For the following activities
Design, Manufacturing, Sales and Servicing of Commercial and Industrial Fans.

This certificate is valid from 03 September 2019 until 03 September 2022 and remains valid subject to satisfactory surveillance audits.
Recertification audit due a minimum of 60 days before the expiration date
Issue 1. Certified since September 2019

Authorised by

SGS United Kingdom Ltd
Rossmore Business Park Ellesmere Port Cheshire CH65 3EN UK
t +44 (0)151 350 6666 f +44 (0)151 350 6600 www.sgs.com

HC SGS 45001 2018 0319

Page 1 of 1

UKAS MANAGEMENT SYSTEMS 0005

ISO 14001:2015

Certificate JO19/2461

SGS

The management system of
INFINAIR ARABIA COMPANY LTD.,
Mowaqqar Free Zone - Industrial Area - Amman - Jordan

has been assessed and certified as meeting the requirements of
ISO 14001:2015

For the following activities
Design, Manufacturing, Sales and Servicing of Commercial and Industrial Fans.

This certificate is valid from 03 September 2019 until 03 September 2022 and remains valid subject to satisfactory surveillance audits.
Recertification audit due a minimum of 60 days before the expiration date
Issue 1. Certified since September 2019

Authorised by

SGS United Kingdom Ltd
Rossmore Business Park Ellesmere Port Cheshire CH65 3EN UK
t +44 (0)151 350 6666 f +44 (0)151 350 6600 www.sgs.com

HC SGS14001 2015 0819

Page 1 of 1

UKAS MANAGEMENT SYSTEMS 0005

ISO 45001:2018

Certificate JO19/2460

SGS

The management system of
INFINAIR ARABIA COMPANY LTD.,
Mowaqqar Free Zone - Industrial Area - Amman - Jordan

has been assessed and certified as meeting the requirements of
ISO 9001:2015

For the following activities
Design, Manufacturing, Sales and Servicing of Commercial and Industrial Fans.

This certificate is valid from 03 September 2019 until 03 September 2022 and remains valid subject to satisfactory surveillance audits.
Recertification audit due a minimum of 60 days before the expiration date
Issue 1. Certified since September 2019

Authorised by

SGS United Kingdom Ltd
Rossmore Business Park Ellesmere Port Cheshire CH65 3EN UK
t +44 (0)151 350 6666 f +44 (0)151 350 6600 www.sgs.com

HC SGS 9001 2015 0819

Page 1 of 1

UKAS MANAGEMENT SYSTEMS 0005

ISO 9001:2015

>> Company Info

INFINAIR ARABIA CO. LTD is the first company in Kingdom of Jordan for producing ventilation industries pectized in fans production for HVAC objectives and Industrial purposes. It has been founded by the worldwide INFINIAR CORPORATION that has been established in 2003. INFINAIR is a high technology brand. INFINAIR ARABIA is targeting to keep providing very high technology product, new solutions to the market, high energy saving fans, fast delivery to MENA, customer care, service after sales, new innovation ideas help customers to pay less cost with best solutions

Factory Address: Kingdom of Jordan, Amman, Mowaqqar Free Zone

Sales & Service Office:
INFINIAR ARABIA CO. LTD Sales offices are covering GCC and Africa:
- Jordan Sales Head Office and Technical Support - Amman
- Saudi Arabia, United Arab Emirate, Bahrain, Oman, Qatar and Iraq

Company Vision:
To be the most trusted brand in ventilation industry.

Company Mission:
Provide reliable, convenient air movement controls, operations and services.

Awards and Achievements:
High-tech Enterprise
Renowned trademark: INFINAIR™
Shanghai Famous Brand Product : INFINAIR FAN
SGS ISO 9001,ISO 14001 and ISO 45001 Management Certificates

Technological Strength of INFINAIR Brand:

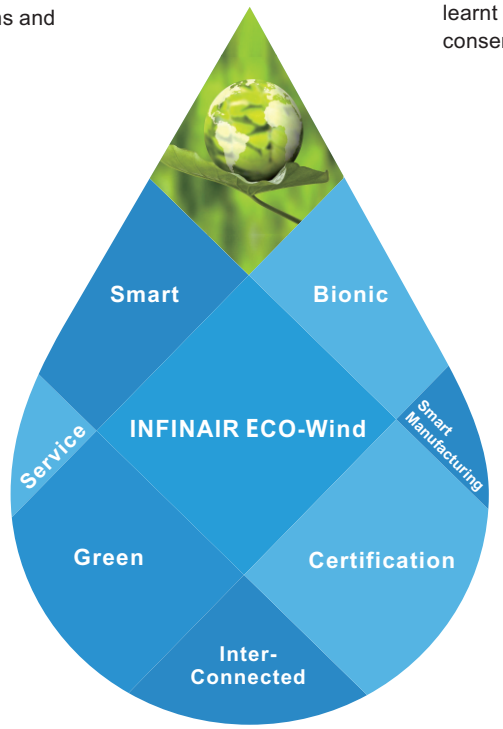
Control Association (AMCA) accredited laboratory in our Head Quarter in PRC. Most of the INFINAIR's products are tested and certified by many international certification bodies. The Strength of INFINAIR ARABIA comes from a strong JV with INFINAIR CORPORATION

INFINAIR's Intelligent Ventilation Technology

- **Smart Needs Identification:**
  It can dynamically adjust the operation target to the changing load and environment.
- **Intelligent Adjustment :**
  The use of inverter or EC smart control technology can make the fans achieve best results under the control of the intelligent speed regulation system.
- **Intelligent Real-time Information:**
  Individual workstations are linked to the central control system through internet or local area network
- **Intelligent Detection system:**
  Reliable sensors can detect early symptoms and notify the user, ensuring stable operation.

INFINAIR's Bionic Technology

- **INFINAIR's Bionic Energy Conservation**
  We develop energy saving products by observing behaviors from the animal kingdom. How can birds fly thousands of miles with extremely low energy consumption?
- **INFINAIR's Bionic Sound Reduction**
  Why Owls can fly so silently? Even mice are not being able to detect their approach?
- The research and development of INFINAIR's products are heavily inspired by the animal evolution over the past millenniums. We have learnt how energy and sound are being able to conserve from their amazing changes .



INFINAIR's After-sales Service

- **Joint Research & Development**
  The Joint R&D can provide customer the necessary support and guidance during the initial research progress
- **Customization**
  Our products are fully customizable. We are able to satisfy customer requirements on an individual basis
- **Adequate After-sales Service**

INFINAIR's Intelligent Fabrication

- Intelligent fabrication process
- Power test, dynamic balancing test and communication test performed on the production line
- Robotic welding technology
- Lean production
- 6Σ Systems

Green Smart Technology

- **CFD Simulation & Analysis**
  A computer-aided air movement simulation model which can calculate the efficiency of the fan based on the number of blades, blade angle, width, and sound level.
- **Finite Element Analysis Technology**
  To analyze and provide accurate prediction of how material is likely to respond when subjected to structural and/or thermal loads.

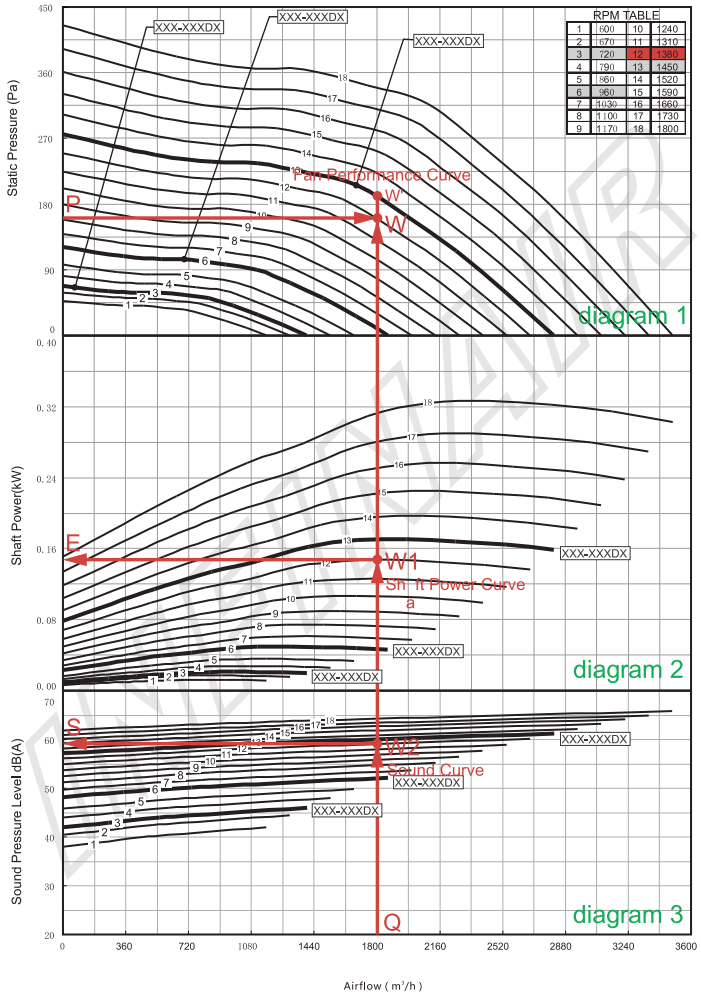
Connectivity

- Matrix Connection
- Central Connection
- Terminal Connection

Certifications and Tests

- **Most of the products are certified by:**
  UL, SMOKE, ATEX, AMCA
- **Performance and Reliability Tests:**
  Airflow, Air Pressure, Power, Sound Level, Temperature Durability, Salt Spray and Water Proof Test, etc

Performance Curves - Technical



Example:
Airflow: 1,800m^3/h, Static pressure: 160 Pa

Step One: A vertical line is drawn from the given airflow (Point Q: 1,800m^3/h) and a horizontal line from the given static pressure (Point P: 160 Pa). The intersection point (Point W) is the operating point. Then find a performance curve closest to Point W (in this case, it is Static Pressure Curve 12 at RPM 1,380 as shown).
Step Two: From the intersection point (Point W1) between the vertical line and Shaft Power Curve is drawn a horizontal line. Its intersection point with the Shaft Power axis (Point E: about 0.15 kW) represents the actual power consumption. So a 0.25 kW motor shall be used.
Step Three: From the intersection point (Point W2) between the vertical line and Sound Curve is drawn a horizontal line in Diagram 3. Its intersection point with the Sound Pressure Level axis (Point S: about 59 dB (A)) represents the sound level for the operating point of W.
Step Four: From the above steps, the model of the fan is identified as RTC-300-0.25 of belt drive type at 1,380 RPM. If fans of lower power or lower sound are preferred, please refer to larger fans for further comparison. It should be noted that the primary investments for larger fans would increase.
Step Five: If a fan of 1,800 m^3/h at 180 Pa static pressure is needed, it is easy to know that Point W' is very close to Curve 13 in boldface(representing the fan of direct drive type at 1,450 RPM and 4-pole motor). The arrow leads to model RTC -300D4 equipped with a 0.25 kW motor, which has low price performance ratio.

Fan Law 1

Airflow delivered by a fan varies in direct proportion to the change in its rotational speed

$$CFM_2 = \frac{RPM_2}{RPM_1} \times CFM_1$$

Fan Law 2

Static Pressure developed by a fan varies with the square of the change in its rotational speed

$$SP_2 = \left(\frac{RPM_2}{RPM_1}\right)^2 \times SP_1$$

Fan Law 3

Power required by a fan varies with the cube of the change in its rotational speed

$$BHP_2 = \left(\frac{RPM_2}{RPM_1}\right)^3 \times BHP_1$$

Unit Conversions

AREA		
MULTIPLY	BY	TO OBTAIN
in^2	0.006944	ft^2
	0.0006452	m^2
	645.16	mm^2
ft^2	144	in^2
	0.09290	m^2
	92903	mm^2
m^2	10.76	ft^2
	1550	in^2
	10^6	mm^2

DENSITY		
MULTIPLY	BY	TO OBTAIN
lb/ft^3	16.02	kg/m^3
kg/m^3	0.06243	lb/ft^3

LENGTH		
MULTIPLY	BY	TO OBTAIN
ft	12	in
	0.3048	m
	304.80	mm
in	0.0833	ft
	0.02540	m
	25.4	mm
m	3.2808	ft
	39.37	in
	1000	mm
mm	0.003281	ft
	0.03937	in
	0.001	m

MASS		
MULTIPLY	BY	TO OBTAIN
lb_m	16	oz
	453.59	grams
	0.45359	kg
oz	0.0625	lb_m
	28.35	grams
	0.0283	kg
grams	0.002205	lbm
	0.03527	oz
	0.001	kg
kg	2.2046	lbm
	35.274	oz
	1000	grams

MOMENT OF INERTIA		
MULTIPLY	BY	TO OBTAIN
$lb\text{-}in^2$	0.0069	$lb\text{-}ft^2$
	0.0002926	$kg\text{-}m^2$
$lb\text{-}ft^2$	144	$lb\text{-}in^2$
	0.04214	$kg\text{-}m^2$
$kg\text{-}m^2$	23.73	$lb\text{-}ft^2$
	3417.2	$lb\text{-}in^2$

POWER		
MULTIPLY	BY	TO OBTAIN
HP	33000	ft-lb/min
	550	ft-lb/s
	745.7	W
	0.7457	kW
	76.04	kg-m/sec
ft-lb/min	0.0000303	HP
	0.0167	ft-lb/s
	0.0226	W
	0.0023	kg-m/sec
ft-lb/s	0.0018	HP
	60	ft-lb/min
	1.3558	W
	0.1388	kg-m/sec
W	0.00134	HP
	44.254	ft-lb/min
	0.73756	ft-lb/s
	0.1019	kg-m/sec
kg-m/sec	0.01	hp
	434.78	ft-lb/min
	7.20	ft-lb/s
	9.81	W

PRESSURE		
MULTIPLY	BY	TO OBTAIN
psi	27.728	in-wg
	2.036	in-Hg
	6894.8	Pa
	704.28	mm-wg
	51.715	mm-Hg
	0.06805	atm
in-wg	0.03607	psi
	0.07343	in-Hg
	248.66	Pa
	25.4	mm-wg
	1.8651	mm-Hg
	0.002454	atm
in-Hg	0.49115	psi
	13.619	in-wg
	3386.4	pa
	345.91	mm-wg
	25.4	mm-Hg
	0.03342	atm
Pa	0.000145	psi
	0.004022	in-wg
	0.0002953	in-Hg
	0.10215	mm-wg
	0.007501	mm-Hg
	0.0000099	atm
mm-wg	0.00142	psi
	0.03937	in-wg
	0.002891	in-Hg
	9.7898	Pa
	0.07343	mm-Hg
	0.0000966	atm
mm-Hg	0.01934	psi
	0.53616	in-wg
	0.03937	in-Hg
	133.32	Pa
	13.619	mm-wg
	0.001316	atm
atm	14.696	psi
	407.48	in-wg
	29.921	invHg
	101300	Pa
	10350	mm-wg
	760	mm-Hg

ROTATING SPEED		
MULTIPLY	BY	TO OBTAIN
RPM	0.0167	rps
	0.0167	Hertz
RPS	60	rpm
	1	Hertz
Hertz	60	rpm
	1	rps

TORQUE		
MULTIPLY	BY	TO OBTAIN
lb-in	0.083	lb-ft
	0.11298	N-m
lb-ft	12	lb-in
	1.3558	N-m
N-m	0.73756	lb-ft
	8.8507	lb-in

TEMPERATURE
°F = 9/5 C + 32
°C = 5/9 (F – 32)

INFINAIR™

VELOCITY		
MULTIPLY	BY	TO OBTAIN
fpm	0.0167	fps
	.2	in/sec
	0.005080	m/s
	0.30480	m/min
fps	60	fpm
	12	in/sec
	0.30480	m/s
	18.288	m/min
in/sec	5	fpm
	0.0833	fps
	0.02540	m/s
	1.524	m/min
m/s	196.85	fpm
	3.2808	fps
	39.37	in/sec
	60	m/min
m/min	3.2808	fpm
	0.05468	fps
	0.65617	in/sec
	0.0167	m/s

VOLUME		
MULTIPLY	BY	TO OBTAIN
ft^3	1728	in^3
	28.317	l
	0.02832	m^3
in^3	0.000579	ft^3
	0.01639	l
	0.0000164	m^3
l	0.03531	ft^3
	61.024	in^3
	0.001	m^3
m^3	35.315	ft3
	61024	in3
	1000	l

VOLUME FLOW		
MULTIPLY	BY	TO OBTAIN
CFM	0.0004719	m^3/sec
	0.02832	m^3/min
	1.6990	m^3/hr
	0.47195	l/s
	28.317	l/min
m^3/sec	2118.9	CFM
	60	m^3/min
	3600	m^3/hr
	1000	l/s
	60000	l/min
m^3/min	35.315	CFM
	0.0167	m^3/sec
	60	m^3/hr
	16.667	l/s
	1000	l/min
m^3/hr	0.58858	CFM
	0.0167	m^3/min
	0.0003	m^3/sec
	0.2778	l/s
	16.667	l/min
l/s	2.1189	CFM
	0.001	m^3/sec
	0.06	m^3/min
	3.6	m^3/hr
	60	l/min
ℓ/min	0.03531	CFM
	0.000016	m^3/sec
	0.001	m^3/min
	0.06	m^3/hr
	0.0167	l/s

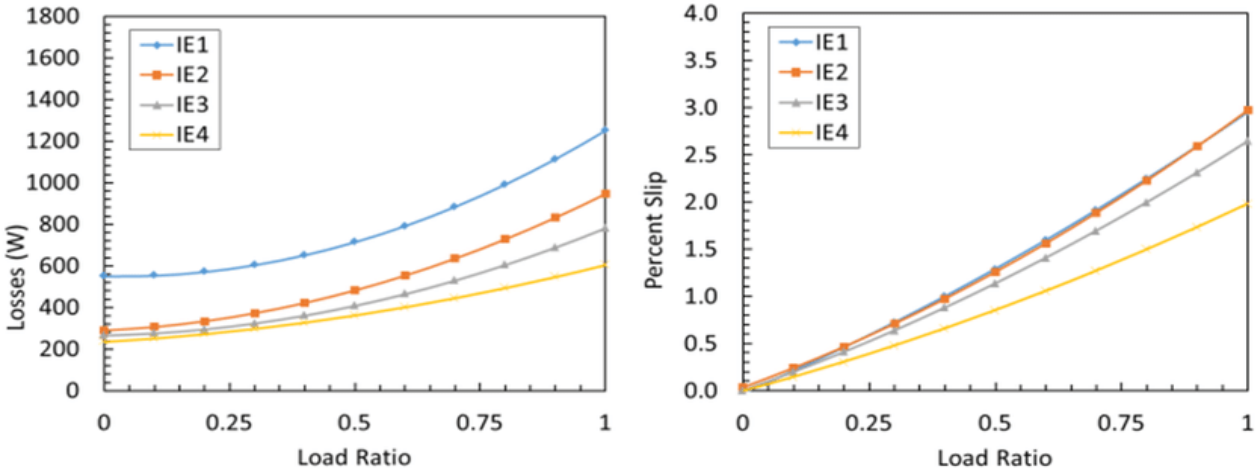
Electrical Motors

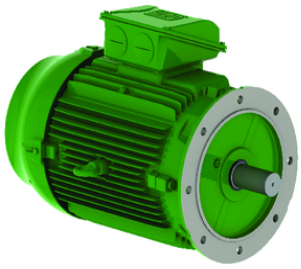
INFINAIR ARABIA fuse High Efficiency motors for all fans. TEFC motor's materials are made from Cast Iron, stainless steel shaft and high quality winding to overcome. The increasing demand for electrical energy to sustain global development requires consistent heavy investments in power supply generation. The best strategy to maintain energy supply in the short term is to avoid wastage and increase energy efficiency. Electric motors play a major role in this strategy, since around 40% of global energy demand is estimated to be related to electric motor applications. Consequently, any initiatives to increase energy efficiency, by using high efficiency electric motors and VFD, are to be welcomed, as they can make a real contribution to reductions in global energy demand

Motors Features:

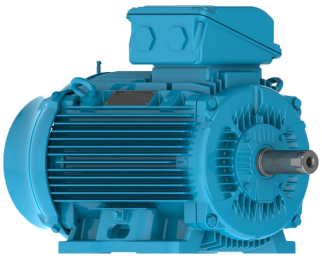
- High Ambient withstanding 55 degree C
- Premium Efficiency Rating IE3 is a standard
- Super Premium Efficiency Rating IE4 (Option)
- Cast Iron Body and well designed Terminal Box
- Insulation Class is F and Protection is IP55
- Applicable for VFD operation
- Thermal protection integration
- Smoke applications 300 C/ 400 C for 120 min (Option)
- Explosion Proof Motors (Options)
- NEMA 4X application for corrosion protection (Option)

IE3/4 Premium Motors compared with IE2/1



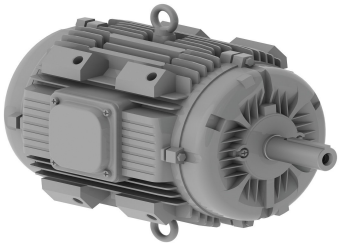


Flange



Flat

Explosion Proof



Smoke Application

Note:
Please consult the sales office or the agent nearby your area and ask for motor details. For R&D purposes and logistics, the motors brands, color and specifications are subject to change without prior notice.

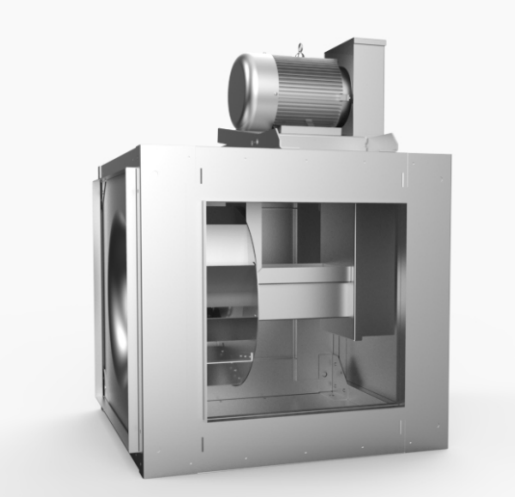
Product Features

Wide Performance Range and More Economical

- The 4th generation of centrifugal Wind-Surfer™ wheel possessing a wider pressure scope and lower sound compared with the 3rd generation
- The wheel diameter as long as one meter, requiring fewer fans and lower primary investment
- No scroll needed and the fan size reduced, making installation easier

No Scroll

- Air directly pressurized in wheel and airflow pattern improved
- Direct drive and dust-free: suitable for clean rooms in microelectronics, food and medical industries



Square Design with Different Discharge Direction Options:Mounting Costs Reduced

- Square inlet/outlet flanged sleeve: connector and ring flange now not used
- Lower air duct connection costs and faster installation
- Different mounting positions available for the motor
- Different discharge positions: ease of design and installation

Sound Solution: Centrifugal Inline Type

- Fundamental difference from axial/mixed flow types: speed reduced by 20-30%
- Range of sound pressure level down by 10-15 dB(A)
- A fundamental solution to sound

Optional Accessories

Gravity Backdraft Damper

The professionally designed gravity backdraft damper comprises inlet/outlet flanged sleeves and a box that ensures damper blades start normally. The damper is installed independent of the fan body.

45 Degrees Rain Cover (With Bird Screen)

When the fan is installed outside, the rain cover can effectively prevent rain infiltration through the inlet or outlet.

Motor Cover (only for belt drive type)

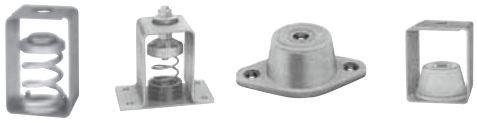
The equipped air window helps to dissipate heat, extend motor life and reduce sound.

Soundproofing Egg Crate Foam Wall Tiles

Premium-grade acoustical materials are placed on the inner shell of the fan, reducing sound pressure level by 6~8 dB(A).

Vibration Isolators

Vibration isolators can be hung or floor-mounted. Neoprene or spring isolators are available.



ISQ — 300(D4) — 0.25 — SR — (MTDH)

① ② ③ ④ ⑤ ⑥

Product Name
Inline Square Centrifugal Fan

Wheel Diameter
Unit:mm

Drive Type
D:Direct Drive,4: 4-pole motor
Belt Drive: (omitted by default)

Motor Power
Unit: kW
50/60 Hz

Function Setting
GT: General Type
SR: Smoke Removal
EX: Explosion-proof

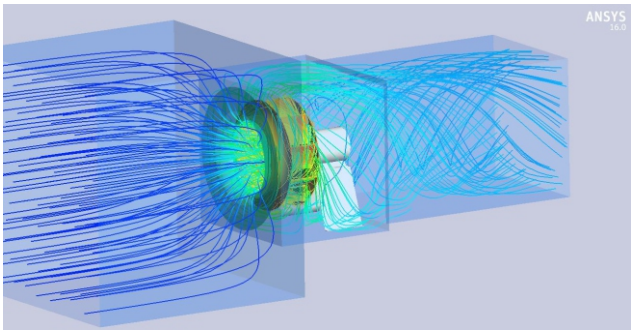
(Motor Location/Discharge)
MTDH: Motor Location Top, Discharge Horizontal at 180 degrees

Highlights of the 4th Generation of Wind-Surfer™ wheel

The 4th Generation of Wind-Surfer™ wheel

- Excellent sound and air performance
- Wide performance range of high efficiency and non-overloading
- The balance quality grade as high as G2.5 (Just G6.3 for general products)

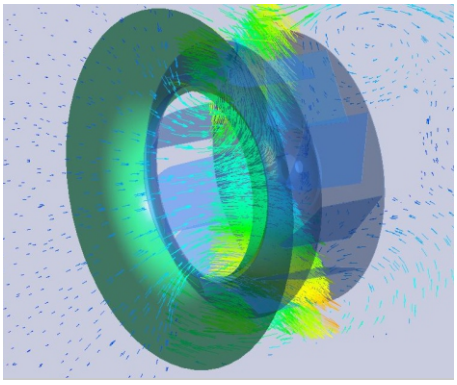
Air Performance Design



- Optimized design through CFD flow field simulation and repeated tests
- Flow passages control: airflow regulated well through precise synergy
- Wheel cone and inlet cone in conformity with flow field characteristics
- Optimized mounting angle for blades

Structural Design

- Stress analysis by FEA method for better performance
- Various additional strengthening for different specifications
- Riveting technology used to avoid stress



Advanced Process

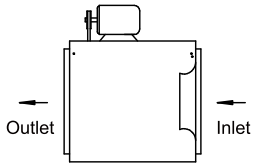
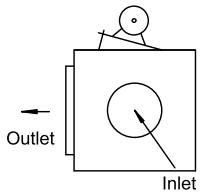
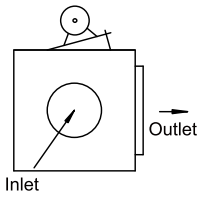
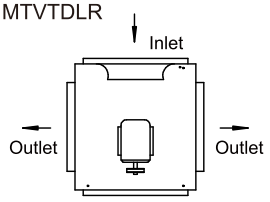
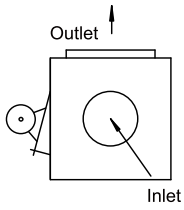
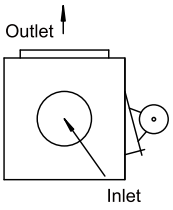
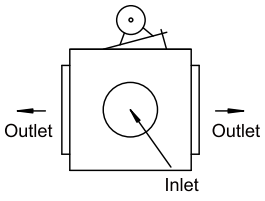
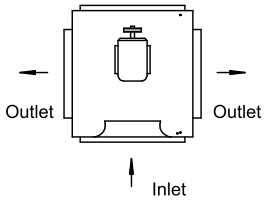
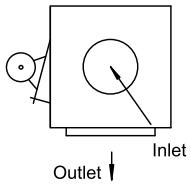
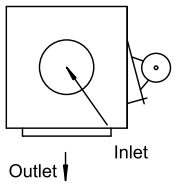
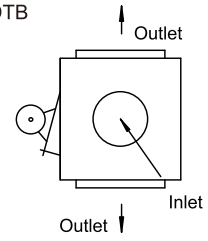
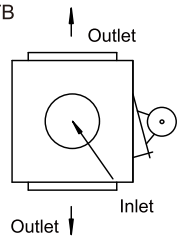
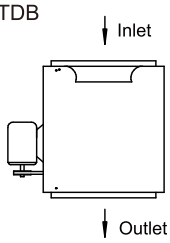
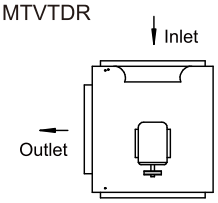
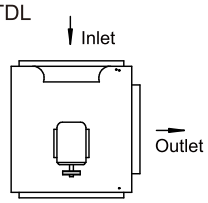
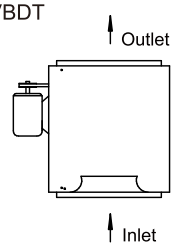
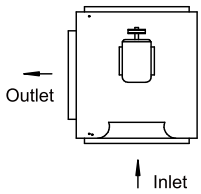
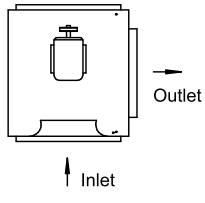
- Wheel cone and inlet cone formed by spinning to ensure good air performance
- Inlet Cone: replacing the inlet bell to ensure smooth airflow
- Blades: formed by punching to ensure quality
- Tooling: dedicated fixtures to ensure the precise mounting position of blades

Wheel Improved

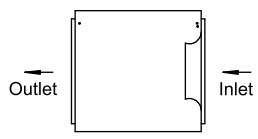
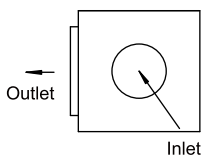
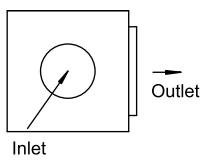
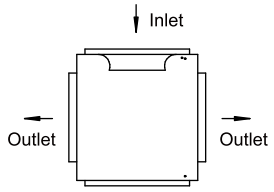
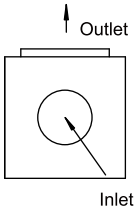
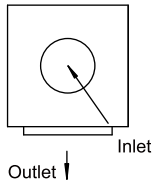
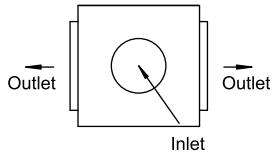
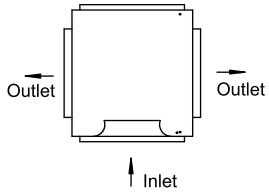
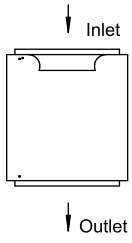
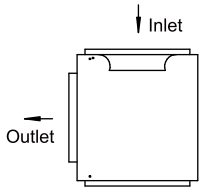
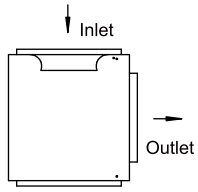
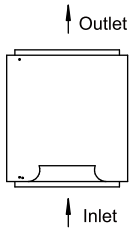
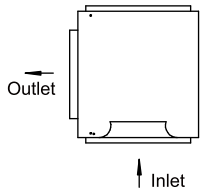
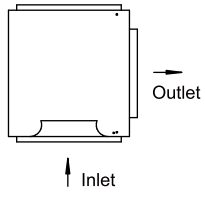
- Continuous Improvement: upgraded to the 4th generation of wheel
- Compared with the 3rd generation: overall performance improved by 5-10%
- Compared with the 3rd generation: overall sound level reduced by 2-3dB(A)

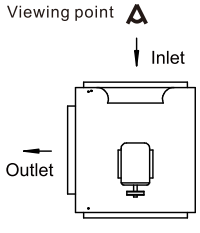
Different Discharge Direction Options

Belt Drive (50/60Hz)

MTDH  Horizontal Discharge	MTDL  Left Discharge	MTDR  Right Discharge	MTVTDLR  Top Intake,L&R Discharge
MLDT  Top Discharge,Motor Location Left Side	MRDT  Top Discharge,Motor Location Right Side	MTDLR  L & R Discharge	 Bottom Intake,L&R Discharge
MLDB  Bottom Discharge,Motor Location Left Side	MRDB  Bottom Discharge,Motor Location Right Side	MLDTB  Top&Bottom Discharge, Motor Location Left Side	MRDTB  Top&Bottom Discharge, Motor Location Right Side
MRVTDB  Top Intake,Botton Discharge	MTVTDR  Top Intake,Right Discharge	MTVTDL  Top Intake,Left Discharge	Note: The codes at the top left corner indicate the discharge and motor location
MLVBDT  Bottom Intake,Top Discharge	MTVBDL  Bottom Intake,Left Discharge	MTVBDR  Bottom Intake,Right Discharge	MTDLRH Motor Location Top,Left,Right and Horizontal discharge Letter Specification M:Motor T:Top D:Discharge L:Left R:Right H:Horizontal

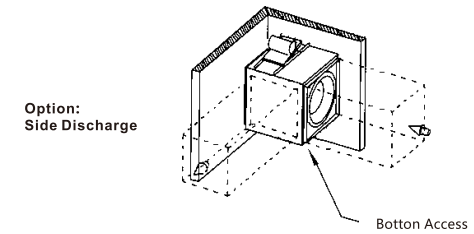
Direct Drive 50/60 Hz

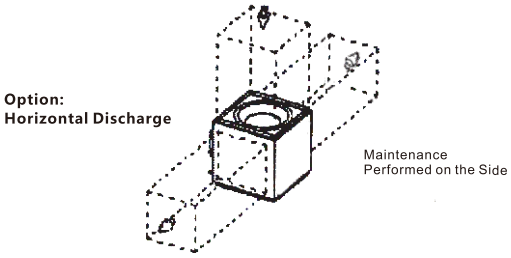
DDH  Horizontal Discharge	DDL  Left Discharge	DDR  Right Discharge	DVTDLR  Top Intake L&R Discharge
DDT  Top Discharge	DDB  Bottom Discharge	DDLR  L & R Discharge	DVBDLR  Bottom Intake,L&R Discharge
DVTDB  Top Intake,Bottom Discharge	DVTDL  Top Intake,Left Discharge	DVTDR  Top Intake,Right Discharge	
DVBDT  Bottom Intake,Top Discharge	DVBDL  Bottom Intake,Left Discharge	DVBDR  Bottom Intake,Right Discharge	DDLR Direct Drive,Left and Right Discharge Letter Specification D:Direct Drive D:Discharge L:Left R:Right H:Horizontal B:Bottom



Example: Top Intake, Right Discharge(MTVTDR)
Mounting style: Vertical (Erect/Upright)
Motor location:Motor Location Top
Intake:Top
Discharge:Right
Note:The motor location and discharge direction are determined by viewing from the fan inlet end (as shown).

Unit Size and Installation





Motor Weight Table

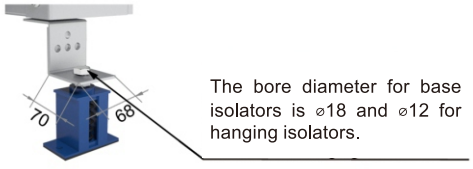
Power(kW)	Motor Weight(kg) 50/60 Hz			
	2P	4P	6P	8P
0.18	14	13.5	14	16
0.25	14.5	14	14.5	17
0.37	15	14.5	16	24
0.55	15.5	15	17	28
0.75	15	16	22	30
1.1	16	21	24	32
1.5	21	23	32	40
2.2	24	33	41	64
3	33	35	63	78
4	41	41	72	105
5.5	63	65	81	115
7.5	70	76	118	145
11	110	118	145	160
15	122	137	180	235
18.5	142	170	231	290

Note: Please contact INFINAIR sales office for motor weight, its subject to change based on project final requirements

Fan Fastening

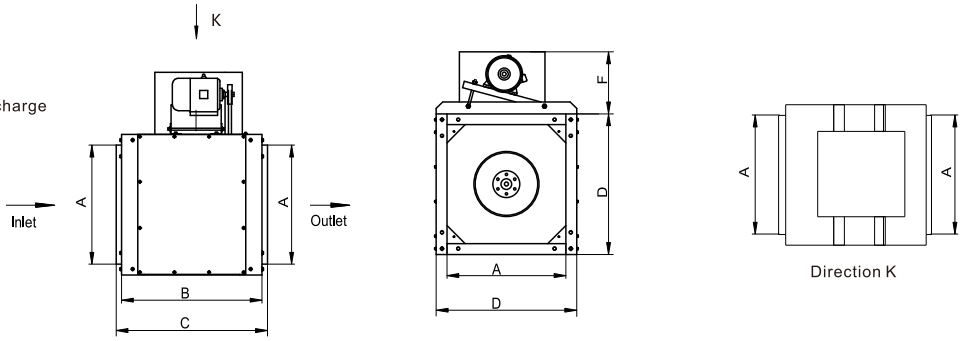
The ISQ fan can be installed horizontally or vertically. The motor can be mounted atop, on the sides or at the bottom of the fan. The ISQ fan comes with four supporting feet that can be fixed atop the fan and connected with the hanging isolators through screw rods. Also, they can be fixed at the bottom and connected with base isolators. (Users are to supply vibration isolators and screw rods).

Chang in discharge directions
The ISQ fan has discharge positions on any sides except the motor side and its opposite side and the opposite side of the inlet. The discharge directions can be changed onsite. To do this, the access panel of the new desired discharge direction is removed for an added flange and the original discharge flange is sealed (This can be done onsite).

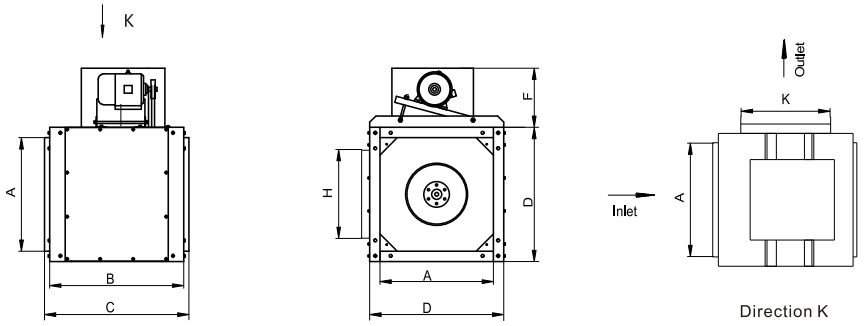


Fan Size(Belt-Drive)

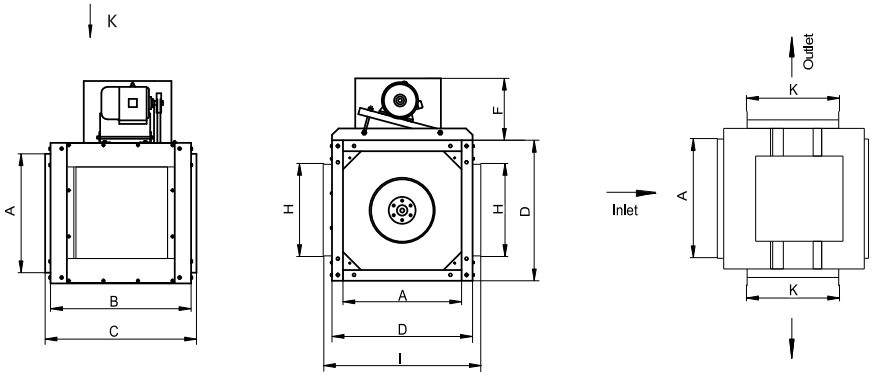
Horizontal Discharge



Left Discharge



Left and Right Discharge

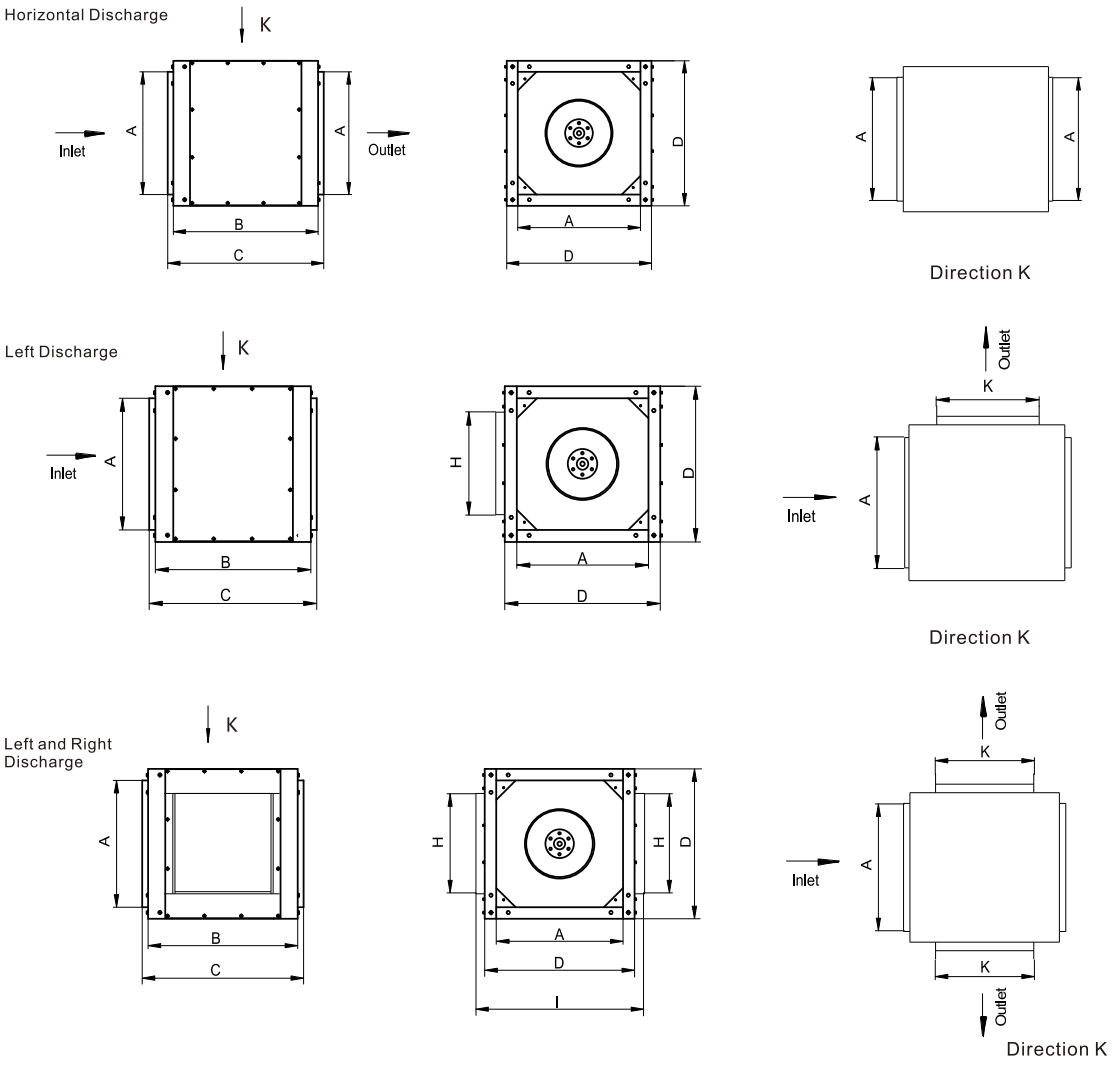


Unit:mm	A	B	C	D	F	H	K	G	I	Weight
ISQ300	403	500	550	470	530(max)	325	325	495	520	37
ISQ425	553	650	700	650	530(max)	455	455	675	700	61
ISQ500	654	780	830	750	530(max)	505	505	775	800	89
ISQ575	754	880	950	850	635(max)	555	555	885	920	112
ISQ675	904	950	1020	1000	700(max)	605	605	1035	1070	145
ISQ750	1004	980	1050	1100	700(max)	605	605	1135	1170	165
ISQ900	1174	1070	1170	1270	700(max)	705	705	1320	1370	225
ISQ1000	1304	1175	1275	1400	700(max)	805	805	1450	1500	261

1. Motor is not included in the Weight above.
2. The dimensions of Top Intake, Bottom Discharge/Bottom Intake and Top Discharge refer to **Dimensions of Horizontal Discharge.**
3. The dimensions of Right Discharge /Top Discharge, Motor Location Left / Top Discharge, Motor Location Right / Bottom Discharge, Motor Location Left/ Bottom Discharge, Motor Location Right /Top Intake, Left Discharge / Top Intake, Right Discharge/ Bottom Intake, Right Discharge/ Bottom Intake, Left Discharge refer to **Dimensions of Left Discharge.**
4. The dimensions of Top and Bottom Discharge, Motor Location Left / Top and Bottom Discharge, Motor Location Right / Top Intake, Left and Right Discharge/Bottom Intake, Left and Right Discharge refer to **Dimensions of Left and Right Discharge.**

Note: The final specifications (dimensions, weight and motor details are subject to be changed according to project requirements, please contact INFINAIR nearby office to approve the final specifications.

Fan Size(Direct-drive)



Unit:mm	A	B	C	D	H	K	G	I	Weight
ISQ300D	403	580	630	470	325	405	495	520	32
ISQ425D	553	710	760	650	455	515	675	700	55
ISQ500D	654	780	830	750	505	505	775	800	75
ISQ575D	754	880	950	850	555	555	885	920	101
ISQ675D	904	950	1020	1000	605	605	1035	1070	122
ISQ750D	1004	1030	1100	1100	605	655	1135	1170	150
ISQ900D	1174	1230	1330	1270	705	865	1320	1370	224
ISQ1000D	1304	1309	1409	1400	805	940	1450	1500	310

1.Motor is not included in the Weight above.
2.The dimensions of Top Intake, Bottom Discharge/Bottom Intake, Top Discharge refer to **Dimensions of Horizontal Discharge.**
3.The dimensions of Right Discharge/ Top Discharge/ Bottom Discharge / Bottom Intake, Left Discharge/ Bottom Intake, Right Discharge/Top Intake, Left Discharge/Top Intake, Right Discharge refer to **Dimensions of Left Discharge.**
4.The dimensions of Top Intake, Left and Right Discharge/ Bottom Intake, Left and Right Discharge refer to **Dimensions of Left and Right Discharge.**

Note: The final specifications (dimensions, weight and motor details are subject to be changed according to project requirements, please contact INFINAIR nearby office to approve the final specifications.

Product Specifications

Section 1: Quality Standards
Inline Square Centrifugal Fan shall be tested and certified in accordance with AMCA Standard 210 & 300. AMCA Seal for Sound and Air Performance shall be tagged on each fan before leaving the factory. The manufacturer shall be certified by ISO 9001:2008.

Section 2: Fan Type
The fan shall be centrifugal inline type, with an aluminum backward inclined centrifugal wheel directly facing incoming air. The wheel cone shall have a curved section to ensure smooth air movement. Each wheel should be subject to static and dynamic balancing tests up to AMCA 204- G2.5 balance quality grade.

Section 3: Fan Housing
Material: The fan housing shall be made in cast steel sheet (Option: cold roll steel sheet finished with electrostatic epoxy coatings) .It shall be thick and strong enough to support the drive mechanism and motor.

Shape: The housing shall be a square one equipped with square flanged sleeves to avoid square/ round connectors. The housing design shall allow different discharge directions. On the left and right sides, there shall be sizable access doors so that motor maintenance and replacement can be performed without the need to remove the air ducts.

Section 4: Drive Mechanism (For belt drive type only)
Shaft: The shaft shall be heat treated through homogenizing furnace to the hardness level of HB370, and the hard film shall be applied on the surface to avoid corrosion. The shaft shall also be subject to balancing tests together with the wheel. The design speed of the shaft shall be at least 25% more than the maximum running speed of the fan.

Pulley: Fan pulleys shall be sized for a minimum of 150% of the driving power. Pulleys shall be cast iron, keyed and securely attached to the wheel and motor shaft. Conical type bushings shall be equipped for easy removal of the pulleys.

Bearing: Two bearings shall be used to support the shaft to avoid vibrations directly coming onto the motor. The bearing L10 rating life shall be 80, 000 hours at the maximum operating speed specified in the catalog. The bearing shall be of permanently sealed type and metal pedestal ball bearing that can be lubricated.

Drive Support: Drive mechanism shall be supported by thick steel sheet finished with powder coatings to avoid corrosion. The belt tension can be adjusted through the adjusting bolt at the motor base. The design shall make sure the fan shaft and motor shaft is always parallel.

Section 5: Motor
The motor shall match the fan load precisely. It shall be IP55 rated with Class F Insulation. The motor bearing shall be lubrication-free ball type.

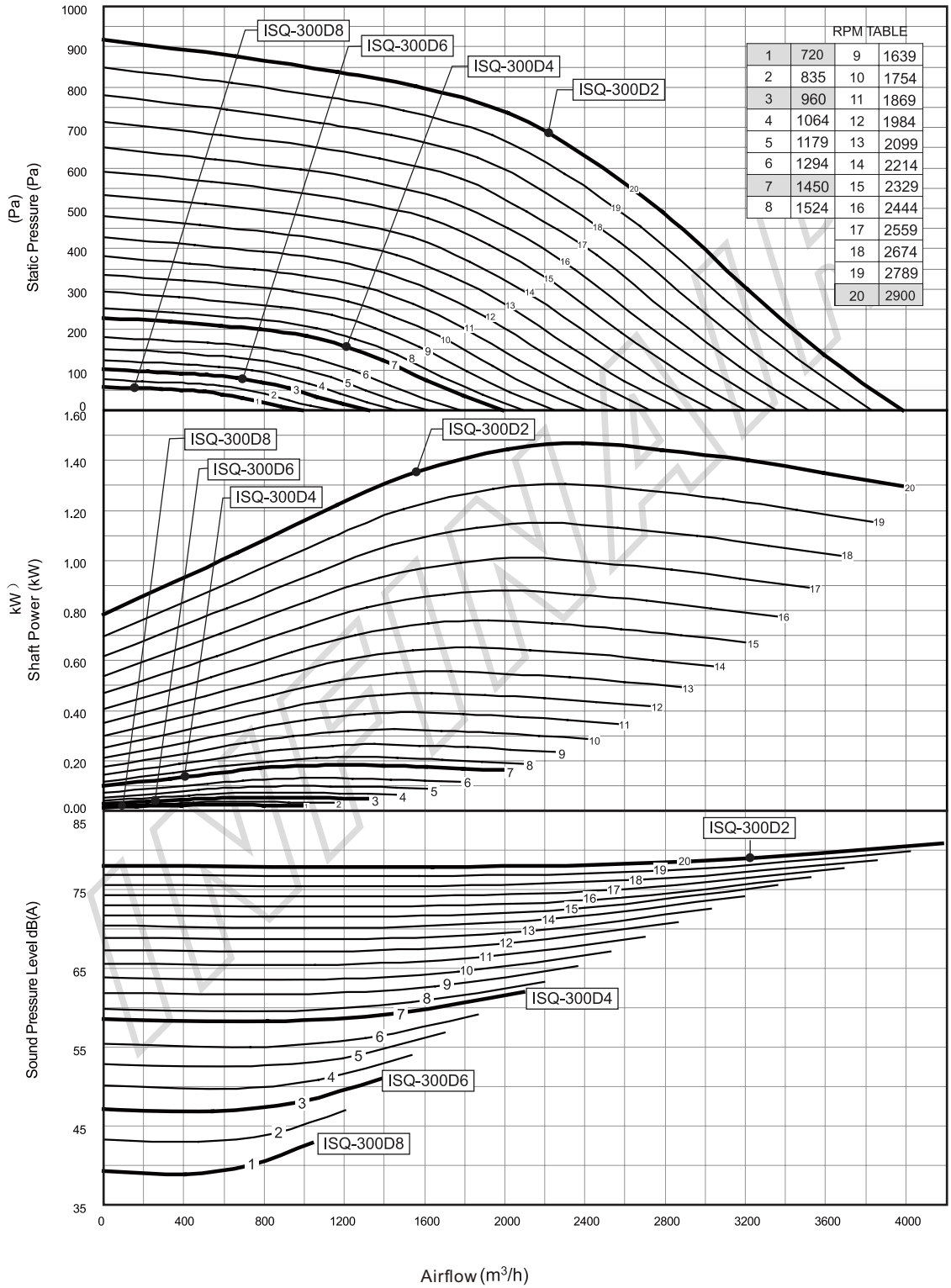
Section 6: Nameplate
A permanently fixed aluminum nameplate shall clearly display the fan number, product model and serial number (a unique ID for each fan) so that the parts used can be traceable by customers.

Section 7: Qualified Suppliers
Qualified suppliers shall be assigned a credit rating of “AAA”. ***INFINAIR***™or similar products supplied are designed based on Model ISQ of ***INFINAIR***™

Performance Curve

ISQ-300

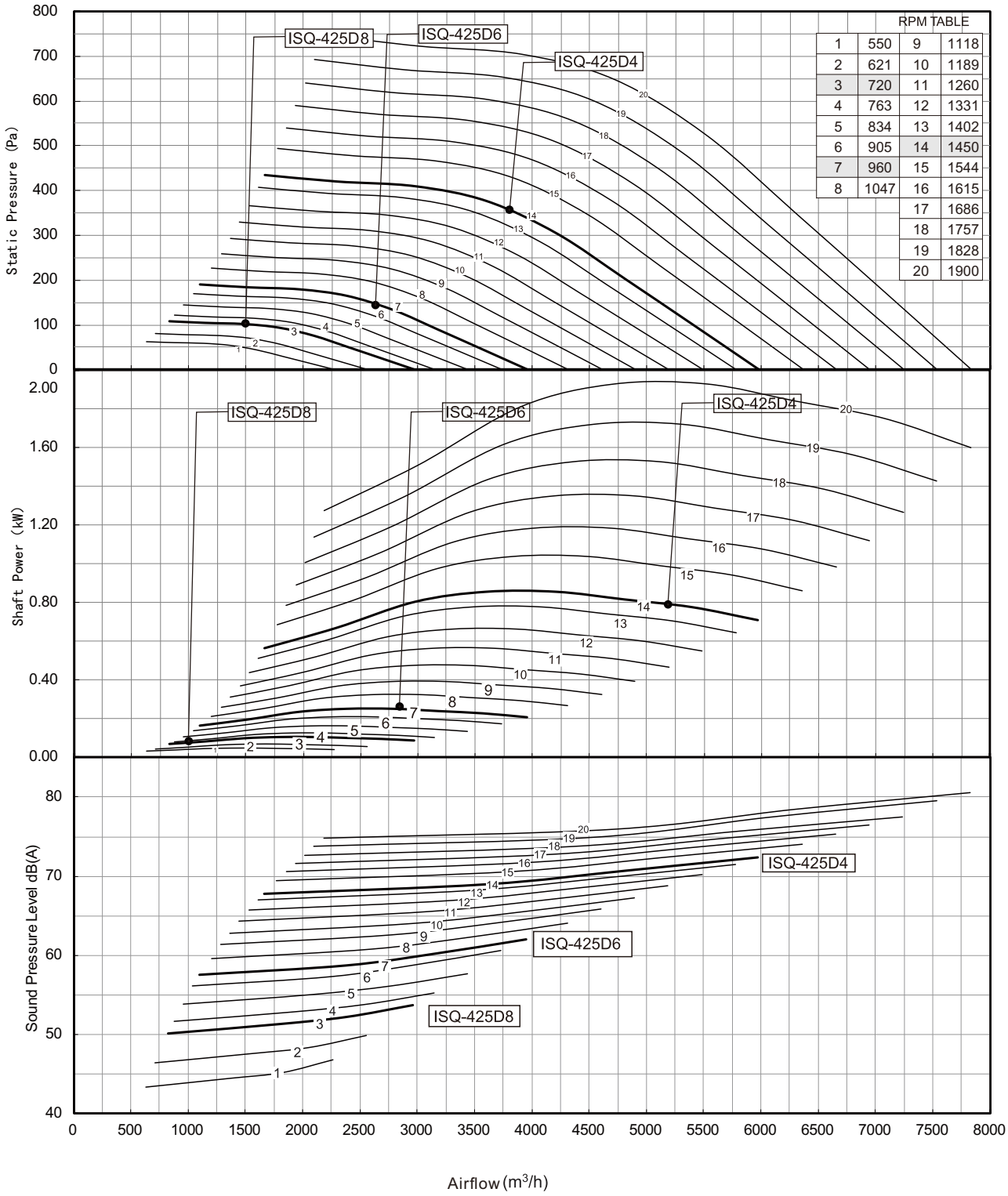
Model: ISQ-300



Performance certified is for installation type B-free inlet, ducted outlet. Power rating (kW) includes transmission losses. Performance ratings do not include the effects of appurtenances (accessories). dB(A)A-weighted sound pressure level is based on 11.5 dB sound attenuation per octave band at 1.5 m. Note that LpA-dB(A) levels are not licensed by AMCA International.

ISQ-425

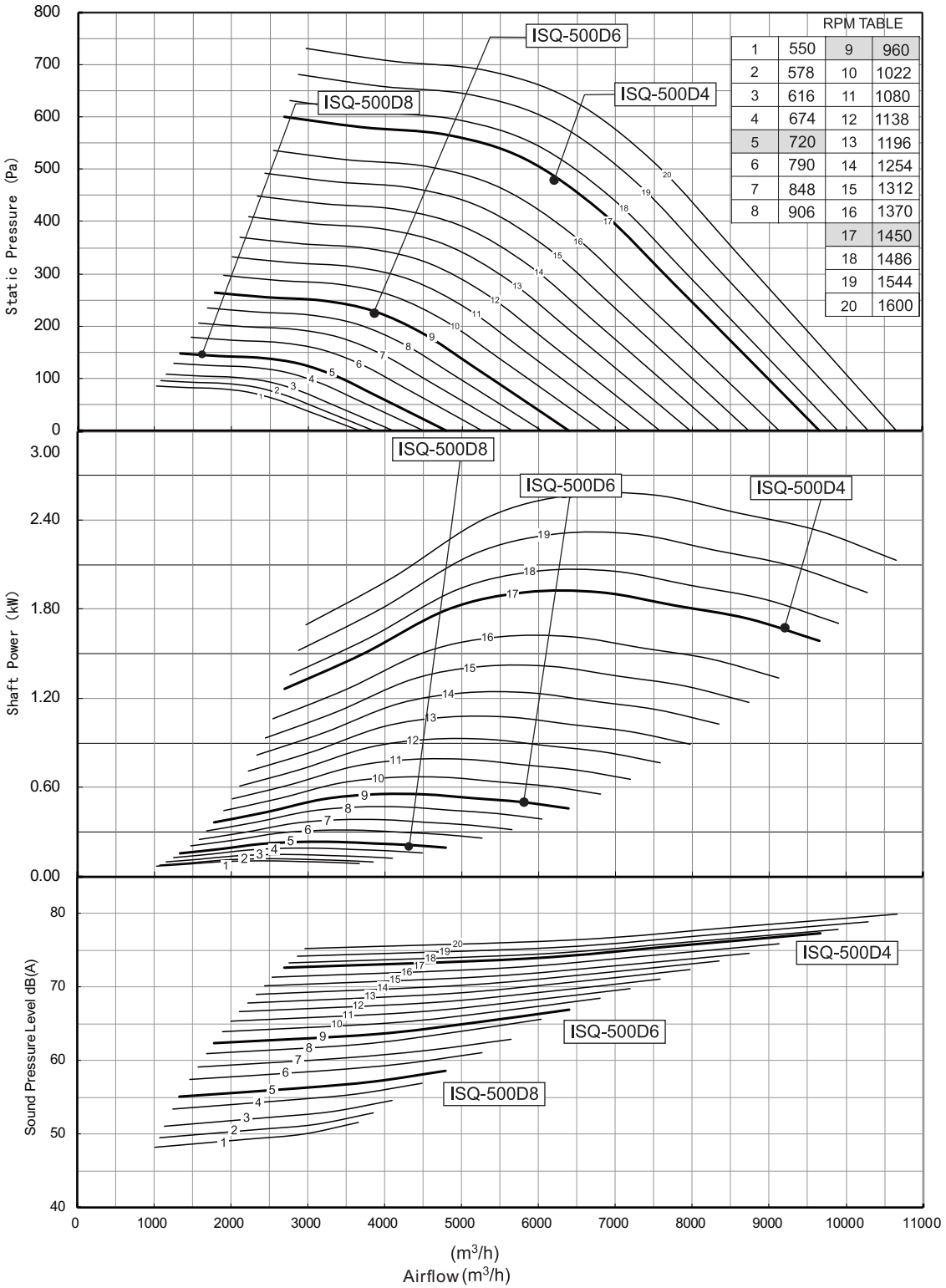
Model: ISQ-425



Performance certified is for installation type B-free inlet, ducted outlet. Power rating (kW) includes transmission losses. Performance ratings do not include the effects of appurtenances (accessories). dB(A)A-weighted sound pressure level is based on 11.5 dB sound attenuation per octave band at 1.5 m. Note that LpA-dB(A) levels are not licensed by AMCA International.

ISQ-500

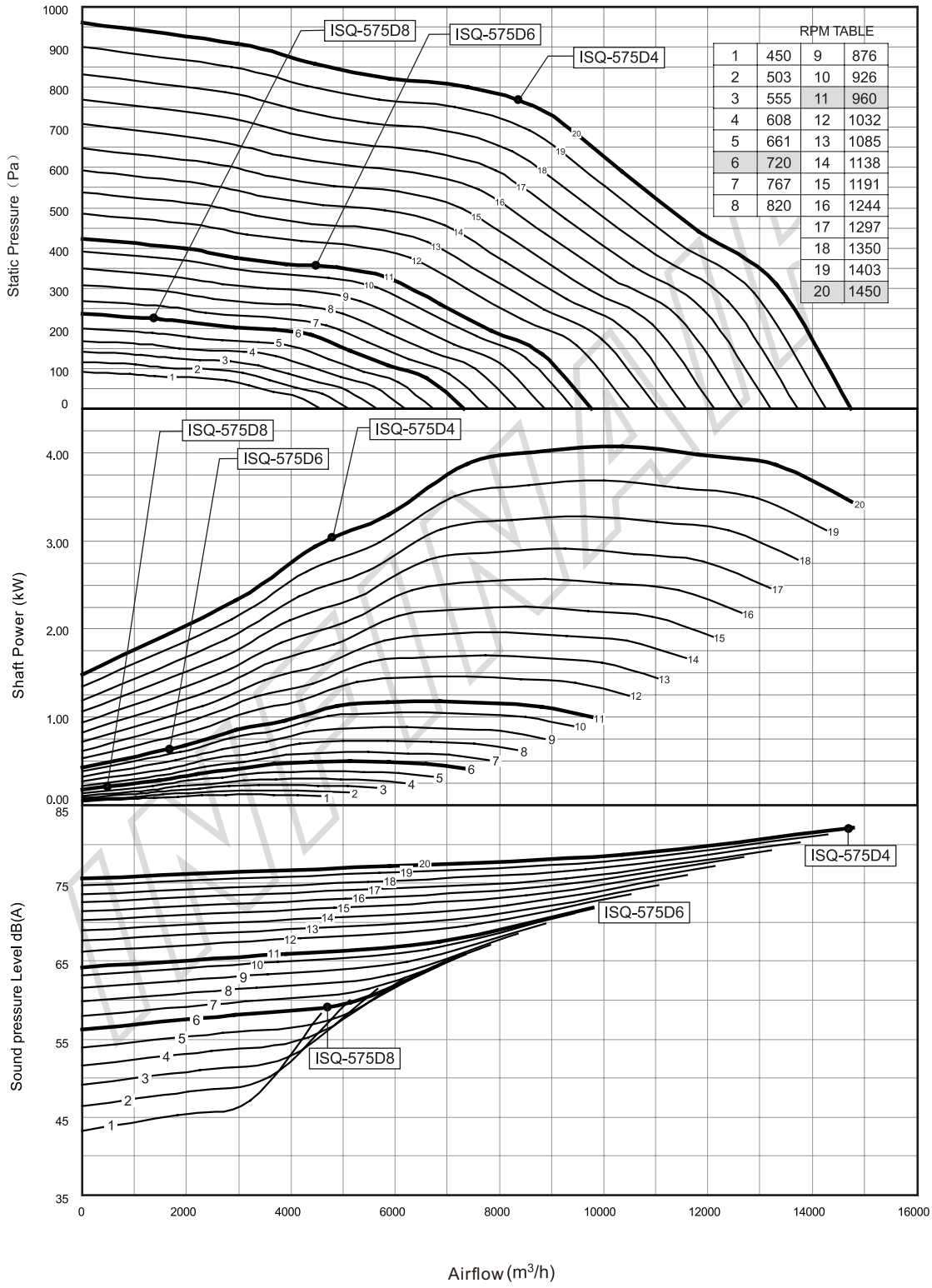
Model: ISQ-500



Performance certified is for installation type B-free inlet, ducted outlet. Power rating (kW) includes transmission losses. Performance ratings do not include the effects of appurtenances (accessories). dB(A)A-weighted sound pressure level is based on 11.5 dB sound attenuation per octave band at 1.5 m. Note that LpA-dB(A) levels are not licensed by AMCA International.

ISQ-575

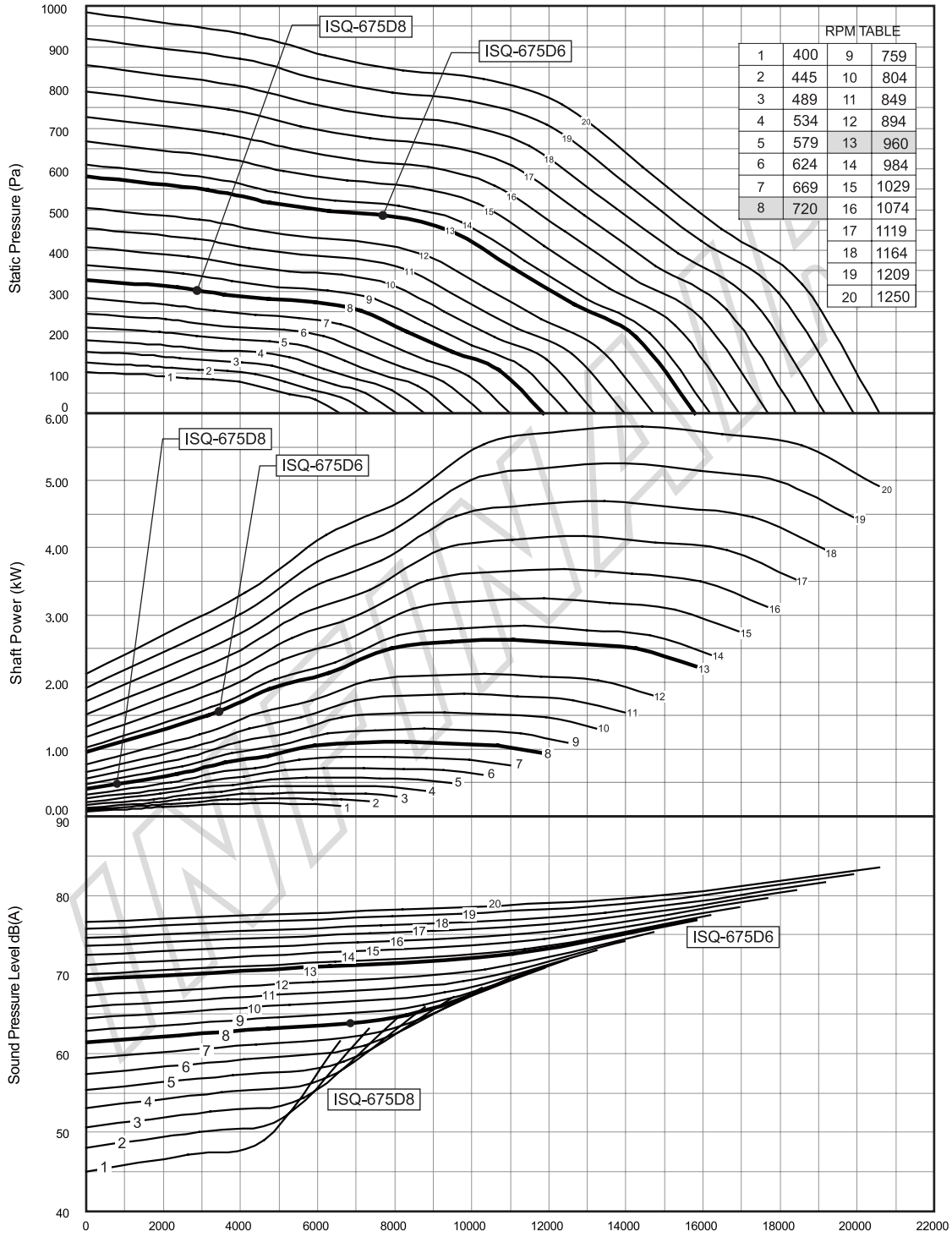
Model: ISQ-575



Performance certified is for installation type B-free inlet, ducted outlet. Power rating (kW) includes transmission losses. Performance ratings do not include the effects of appurtenances (accessories). dB(A)A-weighted sound pressure level is based on 11.5 dB sound attenuation per octave band at 1.5 m. Note that LpA-dB(A) levels are not licensed by AMCA International.

ISQ 675

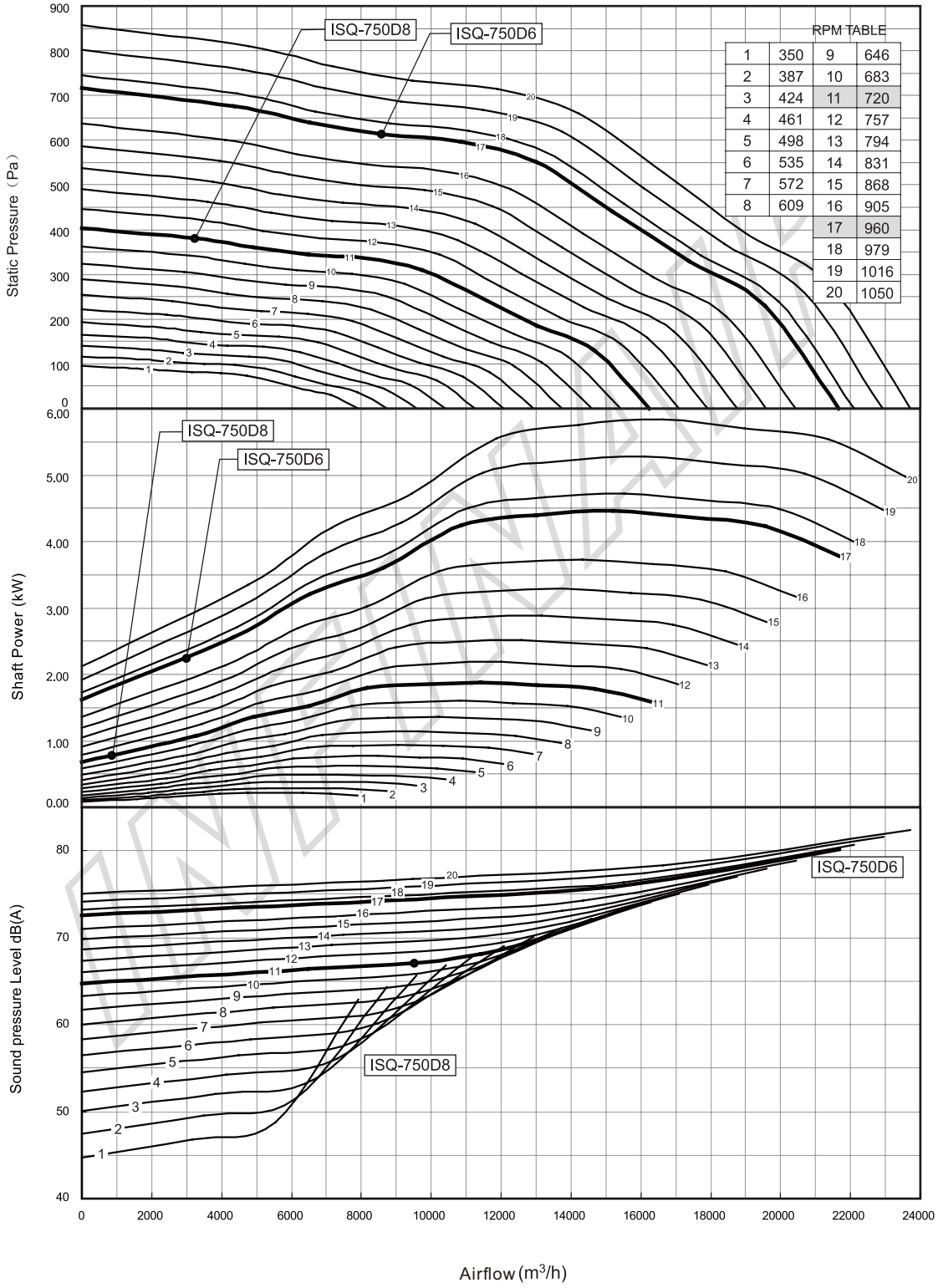
Model: ISQ-675



Performance certified is for installation type B-free inlet, ducted outlet. Power rating (kW) includes transmission losses. Performance ratings do not include the effects of appurtenances (accessories). dB(A)A-weighted sound pressure level is based on 11.5 dB sound attenuation per octave band at 1.5 m. Note that LpA-dB(A) levels are not licensed by AMCA International.

ISQ-750

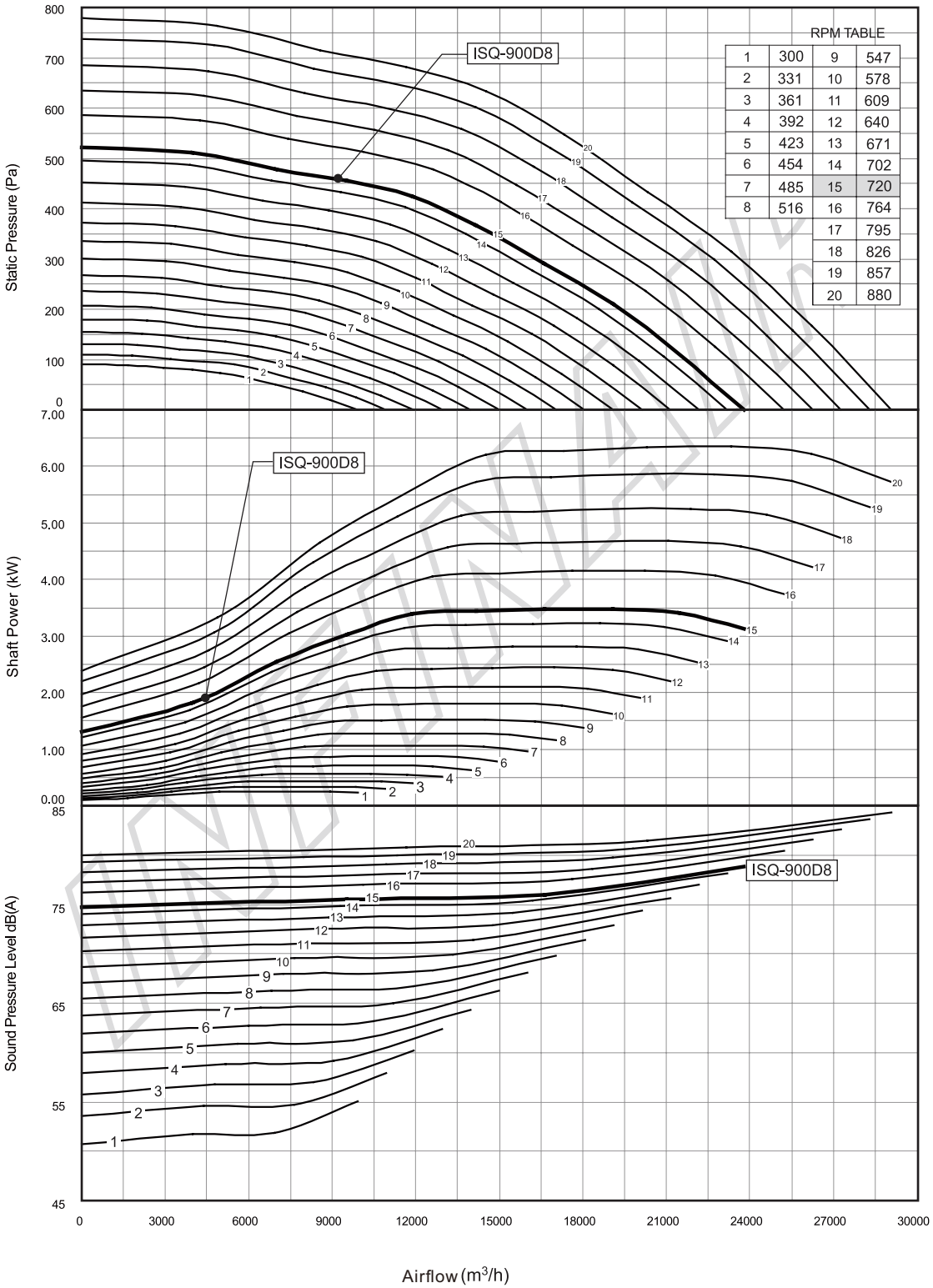
Model: ISQ-750



Performance certified is for installation type B-free inlet, ducted outlet. Power rating (kW) includes transmission losses. Performance ratings do not include the effects of appurtenances (accessories). dB(A)A-weighted sound pressure level is based on 11.5 dB sound attenuation per octave band at 1.5 m. Note that LpA-dB(A) levels are not licensed by AMCA International.

ISQ-900

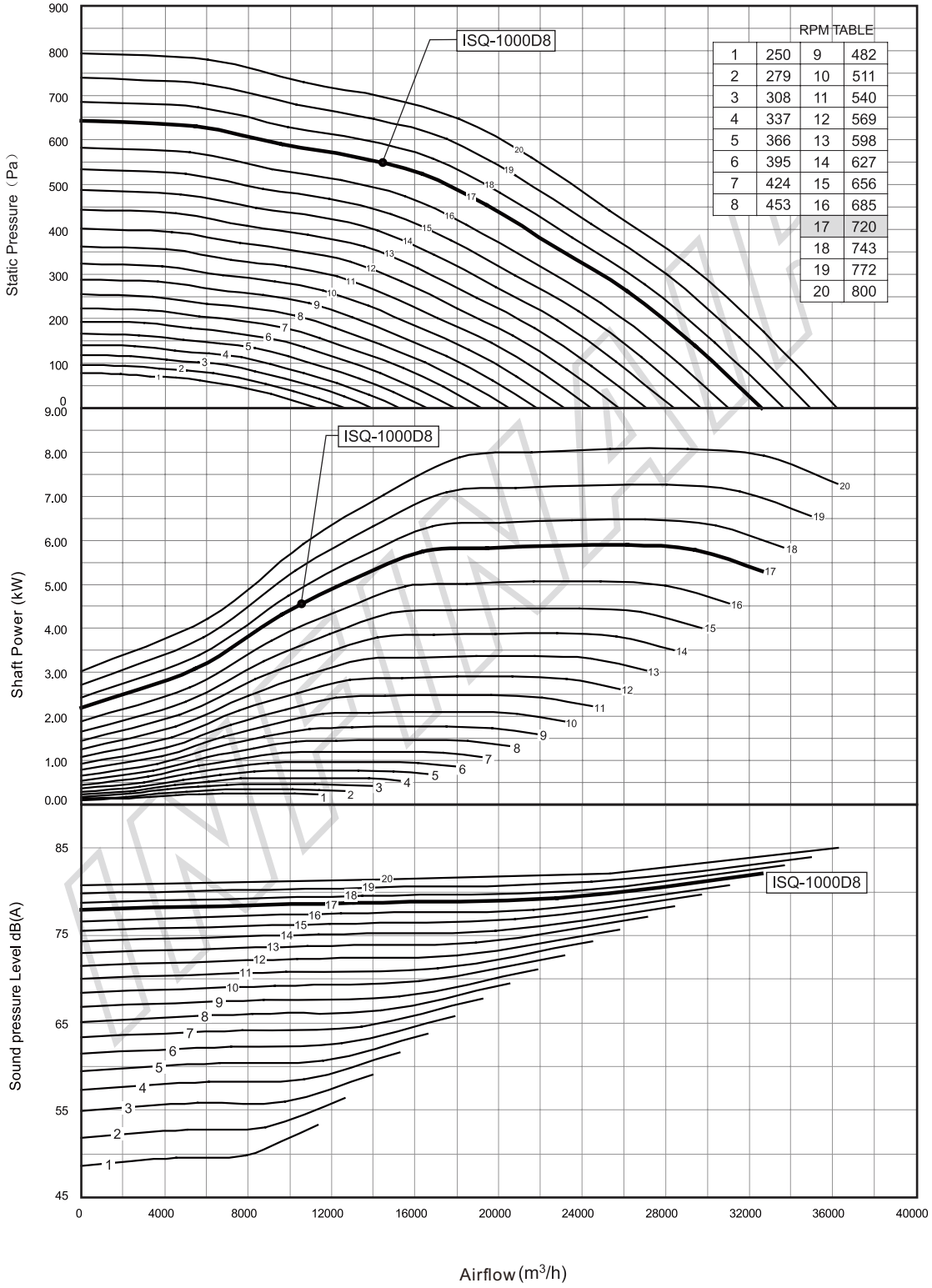
Model: ISQ-900



Performance certified is for installation type B-free inlet, ducted outlet. Power rating (kW) includes transmission losses. Performance ratings do not include the effects of appurtenances (accessories). dB(A)A-weighted sound pressure level is based on 11.5 dB sound attenuation per octave band at 1.5 m. Note that LpA-dB(A) levels are not licensed by AMCA International.

ISQ-1000

Model: ISQ-1000



Performance certified is for installation type B-free inlet, ducted outlet. Power rating (kW) includes transmission losses. Performance ratings do not include the effects of appurtenances (accessories). dB(A)A-weighted sound pressure level is based on 11.5 dB sound attenuation per octave band at 1.5 m. Note that LpA-dB(A) levels are not licensed by AMCA International.

ISQ-300

	m³/h	SOUND POWER OCTAVE BAN S									
RPM	VOLUME	1	2	3	4	5	6	7	8	LWiA	dB(A)
720	989	49	53	51	53	51	44	35	27	54	43
	691	50	50	50	49	47	42	36	29	51	40
	387	50	49	49	48	46	42	36	30	50	39
	0	50	48	49	49	46	42	36	30	51	39
835	1147	53	56	57	55	55	49	40	32	58	47
	802	54	54	55	53	51	47	40	34	56	44
	449	55	53	53	52	50	46	40	34	54	43
	0	56	53	53	53	50	46	40	34	55	43
960	1319	57	59	62	58	60	54	45	37	63	51
	922	58	58	59	56	55	51	45	38	59	48
	516	59	58	57	56	53	51	45	39	58	47
	0	61	57	57	57	54	50	44	38	59	47
1064	1462	60	61	66	59	63	57	49	40	66	54
	1021	61	61	62	59	58	54	48	42	62	51
	572	62	61	60	58	56	54	48	42	61	50
	0	64	60	59	59	57	53	47	41	62	50
1179	1620	64	64	69	62	65	61	52	44	68	57
	1132	65	64	65	62	61	57	51	45	65	54
	634	66	64	63	61	59	57	51	45	64	53
	0	68	64	62	62	60	56	51	45	64	53
1294	1777	67	66	70	65	67	63	55	47	71	59
	1242	68	67	67	65	63	60	54	48	68	56
	696	69	67	65	64	61	59	54	48	67	55
	0	71	67	64	64	62	59	53	47	67	55
1450	1992	72	70	73	70	69	67	59	51	73	62
	1392	72	70	70	68	66	63	58	51	71	59
	780	73	70	68	67	64	62	57	51	70	58
	0	75	71	67	67	65	62	57	51	70	59
1524	2093	74	71	74	71	70	68	61	52	75	63
	1463	74	72	71	70	67	64	59	53	72	61
	820	75	72	70	69	66	63	59	53	71	60
	0	77	73	69	69	67	63	58	52	71	60
1639	2251	77	73	75	74	71	70	63	55	77	65
	1573	77	74	73	72	69	66	61	55	74	63
	882	77	74	72	71	68	65	61	55	73	62
	0	80	75	71	71	69	65	61	55	73	62
1754	2409	79	75	77	77	72	72	66	57	79	67
	1684	79	76	75	74	70	68	64	57	76	65
	944	80	77	74	73	69	67	63	57	75	64
	0	82	78	73	72	70	67	63	57	75	64
1869	2567	82	77	78	79	73	74	68	59	81	69
	1794	81	78	77	76	72	70	66	59	78	66
	1005	82	79	76	75	71	68	65	59	77	65
	0	84	80	75	74	72	69	65	59	77	66
1984	2725	84	79	79	81	74	76	70	61	82	71
	1905	84	80	78	78	74	71	67	61	80	68
	1067	84	81	78	76	73	70	67	61	79	67
	0	86	82	77	75	74	71	66	60	79	67
2099	2883	86	80	80	83	75	78	72	63	84	73
	2015	86	81	80	80	75	73	69	63	81	70
	1129	86	82	80	78	74	71	68	62	80	69
	0	88	84	79	77	75	72	68	62	80	69
2214	3041	88	82	81	85	76	79	74	65	86	74
	2125	87	83	81	81	76	74	71	64	83	71
	1191	88	84	81	80	76	73	70	64	82	70
	0	90	86	81	78	77	74	70	64	82	70
2329	3199	90	84	83	86	78	81	75	67	87	76
	2236	89	85	83	82	78	76	72	66	84	73
	1253	89	86	83	81	77	74	71	66	83	72
	0	92	88	83	79	78	75	71	65	83	72
2444	3357	91	86	84	87	79	81	77	69	88	77
	2346	90	86	84	83	79	77	74	67	85	74
	1315	90	88	84	82	78	75	73	67	84	73
	0	93	90	84	80	79	76	73	67	85	73
2559	3515	91	87	85	88	81	82	78	70	89	78
	2457	90	88	86	84	81	78	75	69	86	75
	1377	91	89	86	83	80	76	74	68	86	74
	0	93	91	86	81	80	77	74	68	86	74
2674	3673	92	89	87	89	83	83	79	72	90	79
	2567	91	90	87	85	82	79	76	70	88	76
	1438	92	91	87	84	81	78	75	70	87	75
	0	94	93	88	83	81	79	75	70	87	76
2789	3831	93	91	88	90	84	84	81	73	91	80
	2677	92	91	88	87	83	80	77	72	89	77
	1500	93	92	89	85	82	79	76	71	88	77
	0	95	94	89	84	83	80	76	71	88	77
2900	3984	93	92	89	91	86	84	82	74	92	81
	2784	93	93	90	88	84	81	78	73	90	79
	1560	93	94	90	87	83	80	77	72	89	78
	0	95	96	90	85	84	81	77	72	90	78

ISQ-425

		SOUND POWER OCTAVE BAND									
RPM	Volume	1	2	3	4	5	6	7	8	LWiA	dB(A)
550	2266	63	66	59	55	52	49	47	45	58	47
	1824	61	63	57	54	51	47	44	41	57	45
	1366	59	58	55	53	51	48	44	40	56	44
	632	59	56	54	52	50	47	44	41	55	43
621	2559	65	68	62	58	55	52	50	48	61	50
	2060	64	65	60	57	55	50	47	44	60	48
	1542	62	60	58	56	54	51	47	43	59	48
	713	62	59	57	55	53	50	47	44	58	46
720	2966	69	71	66	62	59	56	54	52	65	54
	2388	67	69	64	61	58	54	51	48	64	52
	1788	66	64	62	60	58	55	51	47	63	51
	827	66	63	60	58	56	54	51	48	62	50
763	3144	70	73	68	64	60	57	55	53	67	55
	2531	68	70	66	62	60	56	52	49	65	54
	1894	67	65	63	61	59	56	53	49	64	53
	876	68	64	62	60	58	55	52	49	63	52
834	3436	72	75	71	66	63	60	57	55	69	58
	2766	70	72	69	65	62	58	55	52	68	56
	2071	69	67	65	63	61	59	55	51	67	55
	958	71	66	64	62	60	57	54	51	65	54
905	3729	74	75	76	68	65	62	59	57	72	61
	3002	72	73	74	67	64	61	57	54	70	59
	2247	71	70	69	65	63	61	57	53	69	57
	1039	73	69	67	64	62	60	57	54	68	56
960	3955	75	76	78	70	66	63	61	59	74	62
	3184	73	74	75	68	66	62	59	55	72	60
	2384	73	71	70	67	65	62	59	55	70	59
	1103	75	70	68	66	64	61	58	55	69	58
1047	4314	77	77	79	72	69	66	63	61	76	64
	3473	75	75	77	71	68	65	61	57	74	62
	2600	75	73	72	69	67	65	61	57	72	61
	1203	77	72	70	68	66	63	60	57	71	60
1118	4606	79	79	81	74	70	67	65	63	77	66
	3709	77	77	78	72	69	67	63	59	76	64
	2776	77	75	73	71	69	66	63	59	74	63
	1284	79	74	72	69	67	65	62	59	73	61
1189	4899	80	80	82	76	72	69	66	64	79	67
	3944	78	78	79	74	71	68	64	61	77	66
	2952	78	76	74	72	70	68	65	61	76	64
	1366	81	76	73	71	69	67	64	61	74	63
1260	5191	82	81	84	77	73	70	67	65	80	69
	4180	80	79	81	76	72	70	66	62	79	67
	3128	80	78	76	74	72	70	67	63	77	66
	1447	83	77	74	72	70	68	65	62	76	64
1331	5484	83	82	85	79	75	72	69	67	82	70
	4415	81	80	82	77	74	72	67	64	80	69
	3305	81	79	77	75	73	71	68	64	78	67
	1529	84	79	76	74	72	70	67	64	77	66
1402	5776	84	83	86	81	76	73	70	68	83	72
	4651	82	81	83	79	75	73	69	65	81	70
	3481	82	80	78	76	74	72	69	65	80	68
	1610	86	80	77	75	73	71	68	65	79	67
1450	5974	85	84	87	82	77	74	71	69	84	72
	4810	83	82	84	80	76	74	70	66	82	71
	3600	83	81	79	77	75	73	70	66	80	69
	1665	86	81	78	76	74	72	69	66	79	68
1544	6361	86	85	88	84	79	76	73	70	86	74
	5122	84	84	85	82	78	75	71	68	84	72
	3834	84	83	81	79	77	75	72	68	82	71
	1773	88	83	80	77	75	73	71	68	81	69
1615	6654	87	86	89	85	80	77	74	72	87	75
	5357	85	85	86	83	79	76	73	69	85	74
	4010	85	84	82	80	78	76	73	69	83	72
	1855	89	85	81	78	76	74	72	69	82	71
1686	6946	88	87	90	86	81	78	75	73	88	76
	5593	86	86	87	84	80	77	74	70	86	75
	4186	86	85	83	81	79	77	74	70	84	73
	1936	90	86	82	79	77	75	73	70	83	72
1757	7239	89	88	91	88	82	79	76	74	89	78
	5828	87	86	88	85	81	78	75	71	87	76
	4362	87	86	84	82	80	78	75	72	85	74
	2018	90	87	83	80	78	76	74	71	84	73
1828	7531	90	89	90	92	84	80	77	75	91	80
	6064	88	87	88	89	82	79	76	72	89	77
	4539	88	87	85	84	81	79	76	73	86	75
	2100	91	88	84	82	79	77	75	72	85	74
1900	7828	90	90	91	92	85	81	78	76	92	81
	6303	88	88	89	90	83	80	77	73	90	78
	4717	89	88	86	85	82	80	77	74	87	76
	2182	92	90	85	83	80	78	76	73	86	75

Values shown are for inlet LwiA sound power levels for Installation Type B: Free inlet, ducted outlet. The sound power level ratings shown are in decibels, referred to as 10^{-12} watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. dB(A)A-weighted sound pressure level is based on 11.5 dB sound attenuation per octave band at 1.5 m. Note that LpA-dB(A) levels are not licensed by AMCA International.

ISQ-500

		SOUND POWER OCTAVE BANDS D									
RPM	Volume	1	2	3	4	5	6	7	8	LWiA	dB(A)
550	3664	68	70	63	60	57	54	52	50	63	52
	2950	66	68	62	59	56	52	49	45	62	50
	2208	64	63	60	58	56	53	49	45	61	49
	1021	63	61	59	57	54	51	48	45	60	48
578	3850	69	71	65	61	58	55	53	51	64	53
	3100	67	69	63	60	57	53	50	47	63	51
	2320	65	64	61	59	57	54	50	46	62	51
	1073	65	62	60	58	56	53	50	47	61	49
616	4104	70	73	67	63	60	57	55	53	66	55
	3304	68	70	65	62	59	55	52	48	65	53
	2473	67	65	63	61	59	56	52	48	64	52
	1144	66	64	62	60	57	54	51	48	63	51
674	4490	72	75	69	65	62	59	57	55	68	57
	3615	70	72	67	64	62	57	54	51	67	55
	2706	69	67	65	63	61	58	54	50	66	55
	1252	69	66	64	62	60	57	54	51	65	53
720	4796	73	76	71	67	64	61	59	57	70	59
	3862	72	74	69	66	63	59	56	52	69	57
	2890	71	69	67	65	63	60	56	52	68	56
	1337	71	68	65	63	61	59	56	52	67	55
790	5263	76	78	74	69	66	63	61	59	73	61
	4237	74	76	72	68	66	62	58	55	71	60
	3171	73	71	69	67	65	62	59	54	70	59
	1467	74	70	68	66	64	61	58	55	69	57
848	5649	77	80	76	71	68	65	63	61	74	63
	4548	75	77	74	70	67	64	60	57	73	61
	3404	75	73	71	69	67	64	60	56	72	60
	1575	76	72	69	67	65	63	60	57	71	59
906	6035	79	80	81	73	70	67	64	62	77	66
	4859	77	78	78	72	69	66	62	59	75	64
	3637	76	74	73	70	68	66	62	58	74	62
	1683	78	74	72	69	67	65	62	58	72	61
960	6395	80	81	82	75	71	68	66	64	78	67
	5149	78	79	80	73	70	67	63	60	77	65
	3854	78	76	75	72	70	67	64	60	75	64
	1783	80	75	73	70	68	66	63	60	74	62
1022	6808	82	82	84	77	73	70	67	65	80	68
	5481	80	80	81	75	72	69	65	62	78	67
	4103	79	77	76	73	71	69	66	62	77	65
	1898	82	77	75	72	70	68	65	62	75	64
1080	7195	83	83	85	78	74	71	69	67	81	70
	5793	81	81	82	76	73	71	66	63	80	68
	4336	81	79	77	75	73	70	67	63	78	67
	2006	83	78	76	73	71	69	66	63	77	65
1138	7581	84	84	86	79	76	73	70	68	83	71
	6104	82	82	83	78	75	72	68	65	81	69
	4569	82	80	78	76	74	72	68	64	79	68
	2113	85	79	77	75	73	70	67	64	78	67
1196	7967	85	85	87	81	77	74	71	69	84	72
	6415	83	83	84	79	76	74	69	66	82	71
	4801	83	81	79	77	75	73	70	66	81	69
	2221	86	81	78	76	74	72	69	66	79	68
1254	8354	86	85	88	82	78	75	72	70	85	73
	6726	84	84	85	80	77	75	70	67	83	72
	5034	84	82	80	78	76	74	71	67	82	70
	2329	88	82	79	77	75	73	70	67	81	69
1312	8740	87	86	89	83	79	76	73	71	86	75
	7037	85	85	86	82	78	76	72	68	84	73
	5267	85	83	82	80	77	75	72	68	83	71
	2437	89	83	80	78	76	74	71	68	82	70
1370	9126	88	87	90	85	81	78	74	72	87	76
	7348	86	86	88	83	79	77	73	70	86	74
	5500	86	85	83	81	79	77	74	70	84	73
	2544	90	85	81	79	77	75	72	69	83	71
1450	9659	89	89	91	86	82	79	76	74	89	77
	7777	87	87	89	85	81	79	74	71	87	76
	5821	88	86	84	82	80	78	75	71	85	74
	2693	91	86	83	81	79	77	74	71	84	73
1486	9899	90	89	92	87	83	80	77	74	89	78
	7970	88	88	89	85	81	79	75	72	88	76
	5966	88	87	85	83	80	78	76	72	86	74
	2760	92	87	83	81	79	77	74	71	85	73
1544	10286	91	90	93	88	84	81	78	75	90	79
	8281	89	88	90	86	82	80	76	73	89	77
	6198	89	87	85	83	81	79	77	73	87	75
	2867	92	88	84	82	80	78	75	72	86	74
1600	10659	92	91	94	90	85	81	78	76	91	80
	8582	90	89	91	87	83	81	77	74	90	78
	6423	90	88	86	84	82	80	78	74	88	76
	2971	93	89	85	83	81	79	76	73	87	75

ISQ-575

	m^3/h	SOUND POWER OCTAVE BANDS									
RPM	VOLUME	1	2	3	4	5	6	7	8	LWiA	dB(A)
450	4579	62	64	60	59	56	57	63	69	70	58
	3213	59	60	58	56	53	50	47	44	59	47
	1827	58	58	56	55	52	47	42	37	57	45
	0	56	56	55	53	50	45	39	33	55	43
503	5118	64	68	63	62	59	58	64	70	71	60
	3591	61	63	61	59	56	53	50	47	62	50
	2042	60	61	59	58	55	51	45	40	60	48
	0	60	60	58	56	52	49	42	36	58	46
555	5647	66	71	66	64	61	59	65	71	73	61
	3963	64	66	63	62	59	55	52	50	64	53
	2253	63	64	62	61	57	53	48	43	63	51
	0	63	62	61	59	55	52	45	39	61	49
608	6186	68	74	69	66	64	61	67	73	74	63
	4341	66	69	65	65	61	57	55	52	67	55
	2468	65	67	64	63	60	56	51	46	65	54
	0	65	65	63	61	57	54	48	42	63	52
661	6726	70	76	71	69	66	62	68	74	76	64
	4719	68	71	68	67	64	60	57	54	69	57
	2684	68	69	66	65	62	59	53	48	67	56
	0	68	67	66	64	60	57	51	44	65	54
720	7326	73	78	74	71	68	65	69	75	77	66
	5141	71	73	71	69	66	62	59	56	71	60
	2923	70	71	69	67	64	61	56	51	70	58
	0	70	69	68	66	62	59	53	47	68	56
767	7804	75	79	76	73	70	66	70	76	79	67
	5476	73	75	73	70	68	64	61	58	73	61
	3114	72	73	71	69	66	63	58	53	71	60
	0	72	71	70	68	64	61	55	49	70	58
820	8343	77	80	79	74	72	68	70	76	80	68
	5855	75	76	75	72	69	66	62	60	75	63
	3329	74	75	73	71	68	64	60	54	73	62
	0	73	73	72	69	66	62	57	51	71	60
873	8883	79	81	81	76	73	70	71	77	81	70
	6233	77	78	77	74	71	67	64	61	76	65
	3544	76	76	75	72	70	66	62	56	75	63
	0	75	75	74	71	67	64	59	53	73	62
926	9422	81	82	83	78	75	72	72	78	83	71
	6612	79	79	79	75	73	69	66	63	78	67
	3759	78	78	77	74	71	68	63	58	76	65
	0	76	77	75	73	69	66	61	55	75	63
960	9768	82	83	84	79	76	73	73	79	83	72
	6854	80	80	80	76	74	70	66	64	79	68
	3898	79	79	78	75	72	69	64	59	77	66
	0	77	78	76	74	70	66	62	56	76	64
1032	10501	84	84	87	81	78	75	73	79	85	74
	7368	83	82	82	78	76	72	68	66	81	69
	4190	82	81	80	76	74	71	66	61	79	68
	0	79	80	78	76	72	68	64	58	78	66
1085	11040	86	85	88	82	79	76	74	80	86	75
	7747	84	83	84	79	77	73	70	67	82	71
	4405	83	82	82	78	75	72	68	63	81	69
	0	80	82	80	77	73	70	66	60	79	68
1138	11579	88	86	90	83	80	77	75	81	87	76
	8125	86	84	85	80	78	75	71	68	84	72
	4620	85	83	83	79	77	73	69	64	82	71
	0	82	83	81	78	75	71	67	61	80	69
1191	12118	89	87	92	85	81	78	75	81	89	77
	8504	87	85	87	81	79	76	72	69	85	73
	4835	86	84	85	80	78	75	71	65	83	72
	0	83	84	82	79	76	72	69	63	82	70
1244	12658	91	88	93	86	82	80	76	82	90	78
	8882	89	86	88	83	81	77	73	70	86	75
	5051	87	85	86	81	79	76	72	67	85	73
	0	84	86	83	81	77	73	70	64	83	71
1297	13197	92	89	94	87	84	81	77	82	91	79
	9260	90	87	89	84	82	78	74	71	87	76
	5266	88	87	87	82	80	77	73	68	86	74
	0	85	87	84	82	78	74	71	65	84	73
1350	13736	92	90	95	88	85	82	78	83	92	80
	9639	90	88	90	85	83	79	75	72	88	77
	5481	89	88	88	84	81	78	74	69	87	75
	0	86	88	85	83	80	75	73	66	85	74
1403	14275	93	92	95	90	86	83	79	84	93	81
	10017	91	90	91	86	84	80	76	73	89	78
	5696	90	89	89	85	82	79	75	70	88	76
	0	86	89	87	84	81	76	74	68	86	75
1450	14754	94	93	96	91	87	84	80	84	94	82
	10353	92	91	91	87	84	81	77	74	90	79
	5887	90	90	90	86	83	80	76	71	89	77
	0	87	90	88	85	82	77	74	69	87	76

Values shown are for inlet LwiA sound power levels for Installation Type B: Free inlet, ducted outlet. The sound power level ratings shown are in decibels, referred to as 10^{-12} watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. dB(A)A-weighted sound pressure level is based on 11.5 dB sound attenuation per octave band at 1.5 m. Note that LpA-dB(A) levels are not licensed by AMCA International.

ISQ-675

	m³/h	SOUND POWER OCTAVE BANDS									
RPM	VOLU ME	1	2	3	4	5	6	7	8	LWiA	dB(A)
400	6584	66	65	63	61	57	60	66	72	73	62
	4620	62	62	60	58	55	52	49	46	61	49
	2627	61	60	59	57	53	49	44	38	59	47
	0	59	59	58	55	51	46	40	34	57	45
445	7325	68	69	65	63	60	61	67	73	75	63
	5140	65	65	63	61	58	54	52	49	63	52
	2923	63	63	62	60	56	52	47	41	62	50
	0	62	62	60	58	54	50	43	37	60	48
489	8049	70	72	68	66	63	63	69	75	76	64
	5648	67	68	65	64	60	57	54	51	66	54
	3212	66	66	64	62	59	55	49	44	64	53
	0	65	64	63	60	57	53	46	40	62	51
534	8790	72	76	70	68	65	64	70	76	77	66
	6168	69	71	68	66	63	59	56	53	68	57
	3507	68	69	66	65	61	57	52	47	67	55
	0	68	67	65	63	59	55	49	43	65	53
579	9531	73	78	73	70	67	65	71	77	79	67
	6688	71	73	70	68	65	61	58	56	70	59
	3803	70	71	68	67	63	60	54	49	69	57
	0	70	69	68	65	61	58	52	45	67	55
624	10271	74	81	75	72	69	66	72	78	80	68
	7207	72	76	71	70	67	63	60	57	72	61
	4098	72	74	70	69	66	62	57	51	71	59
	0	72	71	70	67	63	60	54	48	69	57
669	11012	76	82	77	74	71	67	73	79	81	70
	7727	74	77	74	72	69	65	62	59	74	63
	4394	74	75	72	71	67	64	59	53	73	61
	0	74	73	71	69	65	62	56	50	71	59
720	11852	79	84	79	76	73	70	74	80	82	71
	8316	77	79	76	74	71	67	64	61	76	65
	4729	76	77	74	72	69	66	61	56	75	63
	0	76	75	73	71	67	64	58	52	73	61
759	12493	80	85	81	77	75	71	74	80	83	72
	8767	79	80	78	75	72	68	65	63	78	66
	4985	78	79	76	74	71	67	62	57	76	65
	0	77	77	75	72	68	65	60	54	74	63
804	13234	82	86	83	79	76	73	75	81	85	73
	9287	80	82	79	77	74	70	67	64	79	68
	5281	80	80	78	75	72	69	64	59	78	66
	0	79	78	77	74	70	67	62	55	76	64
849	13975	84	87	85	80	77	74	76	82	86	74
	9806	82	83	81	78	75	72	68	65	81	69
	5576	82	81	80	77	74	70	66	60	79	68
	0	80	80	78	75	71	68	63	57	77	66
894	14716	86	88	87	82	79	75	76	82	87	75
	10326	84	84	83	79	77	73	70	67	82	71
	5872	83	83	81	78	75	72	67	62	81	69
	0	82	82	80	77	73	70	65	59	79	67
960	15802	88	89	89	84	81	77	77	83	88	77
	11088	86	86	85	81	79	75	71	69	84	73
	6305	85	85	83	80	77	74	69	64	82	71
	0	83	84	82	79	75	71	67	61	81	69
984	16197	89	89	90	84	81	78	78	84	89	77
	11366	87	86	86	82	79	76	72	69	85	73
	6463	86	85	84	80	78	74	70	65	83	72
	0	84	85	82	79	76	72	68	62	81	70
1029	16938	90	90	92	86	82	79	78	84	90	79
	11885	89	87	87	83	80	77	73	70	86	74
	6758	88	86	85	81	79	75	71	66	84	73
	0	85	86	84	81	77	73	69	63	83	71
1074	17678	92	91	93	87	84	81	79	85	91	80
	12405	90	88	89	84	82	78	74	71	87	76
	7054	89	87	87	83	80	77	72	67	86	74
	0	86	87	85	82	78	74	71	64	84	72
1119	18419	93	92	95	88	85	82	79	85	92	81
	12925	91	89	90	85	83	79	75	73	88	77
	7349	90	89	88	84	81	78	74	68	87	75
	0	87	88	86	83	79	75	72	66	85	74
1164	19160	94	92	96	89	86	83	80	86	93	82
	13445	93	90	91	86	84	80	76	74	89	78
	7645	91	90	89	85	82	79	75	70	88	76
	0	88	90	87	84	80	76	73	67	86	75
1209	19901	96	93	97	90	87	84	80	86	94	83
	13964	94	91	92	87	85	81	77	75	90	79
	7941	93	91	90	86	83	80	76	71	89	77
	0	89	91	88	85	81	77	74	68	87	76
1250	20576	97	94	99	91	88	85	81	87	95	84
	14438	95	92	94	88	86	82	78	75	91	80
	8210	94	91	91	86	84	81	77	72	90	78
	0	90	92	89	86	82	78	75	69	88	77

ISQ-750

	m³/h	SOUND POWER OCTAVE BANDS									
RPM	VOLU ME	1	2	3	4	5	6	7	8	LWiA	dB(A)
350	7903	68	65	62	60	57	61	67	73	74	63
	5545	63	61	60	58	54	51	49	46	60	49
	3153	61	60	59	57	53	48	43	38	58	47
	0	59	59	57	54	51	46	39	33	56	45
387	8738	69	68	65	63	60	63	69	75	76	64
	6132	65	64	63	61	57	54	51	48	63	51
	3487	64	63	61	59	56	51	46	41	61	50
	0	62	62	60	57	54	49	42	36	59	47
424	9574	71	71	68	65	62	64	70	76	77	66
	6718	67	67	65	63	60	56	54	51	65	54
	3820	66	66	64	62	58	54	48	43	64	52
	0	65	64	63	59	56	51	45	39	62	50
461	10409	73	74	70	68	64	65	71	77	78	67
	7304	69	70	67	65	62	58	56	53	68	56
	4153	68	68	66	64	60	56	51	46	66	54
	0	67	67	65	62	58	54	48	41	64	52
498	11245	74	77	72	70	66	66	72	78	79	68
	7890	71	72	69	67	64	60	58	55	70	58
	4487	70	71	68	66	63	58	53	48	68	56
	0	69	69	67	64	60	56	50	44	66	54
535	12080	75	79	74	71	68	67	73	79	81	69
	8477	73	75	71	69	66	62	60	57	72	60
	4820	72	73	70	68	65	61	55	50	70	58
	0	72	71	69	66	62	59	52	46	68	56
572	12915	77	82	76	73	70	68	74	80	82	70
	9063	74	77	73	71	68	64	61	58	73	62
	5153	74	75	71	70	66	62	57	52	72	60
	0	74	73	71	68	64	61	54	48	70	58
609	13751	78	84	77	75	72	69	75	81	83	71
	9649	76	79	74	73	69	66	63	60	75	64
	5487	75	77	73	71	68	64	59	54	73	62
	0	75	74	72	70	65	63	56	50	72	60
646	14586	79	85	79	76	74	70	75	81	84	72
	10235	77	80	76	74	71	67	64	62	77	65
	5820	77	78	75	73	70	66	61	56	75	64
	0	77	76	74	71	67	64	58	52	73	62
683	15422	81	86	81	78	75	71	76	82	85	73
	10822	79	82	78	76	73	69	66	63	78	67
	6153	79	80	76	74	71	68	62	57	77	65
	0	79	77	75	73	69	66	60	54	75	63
720	16257	83	87	83	79	76	73	77	83	86	74
	11408	81	83	79	77	74	70	67	64	80	68
	6487	80	81	78	76	73	69	64	59	78	66
	0	80	79	77	74	70	67	61	55	76	65
757	17093	84	88	85	81	78	74	78	84	87	75
	11994	82	84	81	78	75	72	68	66	81	69
	6820	82	82	79	77	74	70	65	60	79	68
	0	81	80	78	76	71	68	63	57	78	66
794	17928	86	89	86	82	79	75	78	84	88	76
	12580	84	85	82	80	77	73	70	67	82	71
	7154	83	83	81	78	75	72	67	62	81	69
	0	82	82	80	77	73	70	64	58	79	67
831	18764	87	90	88	83	80	77	79	85	89	77
	13167	85	86	84	81	78	74	71	68	83	72
	7487	85	85	82	79	76	73	68	63	82	70
	0	84	83	81	78	74	71	66	60	80	69
868	19599	89	91	89	84	81	78	79	85	89	78
	13753	87	87	85	82	79	75	72	69	85	73
	7820	86	86	84	80	78	74	69	64	83	72
	0	85	84	82	79	75	72	67	61	81	70
905	20434	90	91	91	85	82	79	80	86	90	79
	14339	88	88	87	83	80	76	73	70	86	74
	8154	87	87	85	81	79	75	71	65	84	73
	0	86	86	83	80	77	73	68	62	82	71
960	21676	92	93	93	87	84	81	81	87	92	80
	15210	90	89	89	84	82	78	75	72	87	76
	8649	89	88	87	83	80	77	72	67	86	74
	0	87	87	85	82	78	75	70	64	84	73
979	22105	93	93	94	88	84	81	81	87	92	81
	15511	91	90	89	85	82	79	75	72	88	76
	8820	90	89	87	83	81	77	73	68	86	75
	0	88	88	86	83	79	75	71	65	85	73
1016	22941	94	94	95	89	85	82	81	87	93	82
	16098	92	91	90	86	83	80	76	73	89	77
	9154	91	90	88	84	82	78	74	69	87	76
	0	89	89	87	84	80	76	72	66	86	74
1050	23708	95	94	96	89	86	83	82	88	94	82
	16636	93	91	91	87	84	81	77	74	90	78
	9460	92	91	90	85	83	79	75	70	88	77
	0	90	90	88	84	81	77	73	67	87	75

Values shown are for inlet LwiA sound power levels for Installation Type B: Free inlet, ducted outlet. The sound power level ratings shown are in decibels, referred to as 10^{-12} watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. dB(A)A-weighted sound pressure level is based on 11.5 dB sound attenuation per octave band at 1.5 m. Note that LpA-dB(A) levels are not licensed by AMCA International.

ISQ-900

	m^3/h	SOUND POWER OCTAVE BANDS									
RPM	VOLU ME	1	2	3	4	5	6	7	8	LWiA	dB(A)
300	9908	71	70	65	65	61	58	48	37	67	55
	6923	67	67	63	63	57	51	44	36	63	52
	3969	66	65	62	64	57	50	44	38	63	52
	0	65	65	61	63	56	49	43	37	62	51
331	10932	73	73	68	68	64	61	51	41	69	58
	7638	69	70	65	66	60	54	47	40	66	55
	4379	68	68	64	66	60	53	47	41	66	55
	0	68	68	64	65	59	52	46	40	65	54
361	11922	76	75	70	70	66	63	54	44	72	60
	8330	72	72	68	68	62	57	50	42	69	57
	4776	71	71	67	68	63	56	49	43	68	57
	0	70	70	66	67	61	55	49	43	67	56
392	12946	78	78	73	72	69	65	57	47	74	62
	9045	74	74	70	70	65	59	52	45	71	59
	5186	73	73	69	70	65	58	52	46	70	59
	0	73	73	69	69	64	58	51	45	69	58
423	13970	79	80	75	73	71	67	60	50	76	64
	9761	77	76	73	71	67	61	55	47	73	61
	5596	76	75	72	71	68	61	54	48	72	61
	0	75	75	71	70	67	60	54	48	71	60
454	14994	81	82	78	75	73	69	63	53	78	66
	10476	79	78	75	73	70	64	57	50	75	63
	6006	78	77	74	72	70	63	56	50	74	63
	0	78	76	73	72	69	62	56	50	73	62
485	16018	83	84	80	76	74	71	65	55	80	68
	11191	81	80	77	74	72	66	59	52	76	65
	6417	80	79	76	74	72	65	59	52	76	65
	0	80	78	75	73	71	64	58	52	75	64
516	17041	84	86	82	78	76	73	67	57	81	70
	11907	83	82	79	76	74	67	61	54	78	67
	6827	82	81	78	75	74	67	60	54	78	66
	0	82	80	77	74	73	66	60	54	77	65
547	18065	86	87	84	79	78	74	69	59	83	71
	12622	85	83	81	77	76	69	63	56	80	68
	7237	84	82	79	76	76	69	62	56	79	68
	0	84	82	79	75	75	68	62	56	79	67
578	19089	87	89	85	80	79	76	71	61	84	73
	13337	86	85	83	78	77	71	65	58	81	70
	7647	85	84	81	77	78	71	64	58	81	70
	0	85	83	81	76	76	70	63	57	80	69
609	20113	89	90	87	82	81	77	73	63	86	74
	14053	88	86	84	79	79	72	67	59	83	71
	8057	87	85	83	78	79	72	65	59	83	71
	0	87	84	82	77	78	71	65	59	82	70
640	21137	90	91	89	83	82	78	75	65	87	76
	14768	90	87	86	80	81	74	68	61	84	73
	8467	88	86	84	79	81	74	67	61	84	72
	0	89	86	84	78	80	73	66	60	83	72
671	22161	91	93	90	84	83	79	76	67	88	77
	15483	91	88	87	81	82	75	70	62	86	74
	8877	89	88	86	80	82	75	68	62	85	74
	0	90	87	85	80	81	74	68	62	84	73
702	23184	92	94	91	85	84	81	78	68	90	78
	16199	92	90	88	83	83	77	71	64	87	75
	9287	90	89	87	82	83	77	70	64	86	75
	0	90	88	86	81	82	76	69	63	86	74
720	23779	92	94	92	86	85	81	78	69	90	79
	16614	92	91	89	83	83	78	72	65	88	76
	9526	91	90	88	83	83	78	71	64	87	75
	0	91	89	87	82	82	77	70	64	86	75
764	25232	93	96	94	88	86	83	80	71	92	80
	17629	93	92	91	85	84	79	73	67	89	78
	10108	92	92	89	84	84	79	73	66	88	77
	0	92	91	89	84	83	78	72	66	88	76
795	26256	94	97	95	89	87	84	81	73	93	82
	18345	94	94	92	87	85	81	75	68	90	79
	10518	92	93	90	86	85	81	74	67	90	78
	0	93	92	90	85	84	80	73	67	89	77
826	27280	94	98	96	91	88	85	82	74	94	83
	19060	94	95	93	88	86	82	76	69	91	80
	10928	93	94	91	87	86	82	75	69	91	79
	0	93	94	91	86	85	81	74	68	90	78
857	28303	95	99	97	92	89	86	83	76	95	84
	19775	95	96	94	89	87	83	77	70	92	81
	11338	94	95	92	88	87	83	76	70	92	80
	0	94	95	92	87	86	82	75	69	91	79
880	29063	95	99	98	93	89	87	84	77	96	84
	20306	95	97	94	90	87	84	78	71	93	81
	11642	94	96	93	89	87	84	77	71	92	81
	0	94	96	93	88	86	83	76	70	92	80

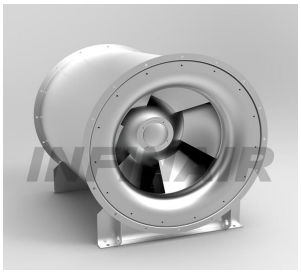
ISQ-1000

	m^3/h	SOUND POWER OCTAVE BANDS									
RPM	VOLU ME	1	2	3	4	5	6	7	8	LWiA	dB(A)
250	11326	70	67	65	63	60	54	44	34	65	53
	7913	66	65	62	61	55	48	41	34	61	50
	4537	65	63	62	61	54	48	41	35	61	50
	0	64	63	61	60	53	47	41	35	60	49
279	12640	73	71	67	66	63	58	48	38	68	56
	8831	69	68	65	64	58	52	45	37	64	53
	5063	68	67	64	65	58	51	45	39	64	53
	0	67	66	63	63	57	50	44	38	63	52
308	13953	76	74	69	69	65	62	52	42	71	59
	9749	71	71	67	67	61	55	48	40	67	56
	5590	70	70	66	68	61	54	48	42	67	56
	0	70	69	65	67	60	53	47	41	66	55
337	15267	78	77	72	71	68	65	55	45	73	62
	10667	74	74	69	70	64	58	51	43	70	59
	6116	73	72	68	70	64	57	51	44	70	58
	0	72	72	67	69	62	56	50	44	69	57
366	16581	80	79	74	73	70	67	58	48	75	64
	11585	76	76	71	72	66	60	53	46	72	61
	6642	75	75	71	72	66	59	53	47	72	60
	0	75	74	70	71	65	59	53	47	71	59
395	17895	82	81	77	75	72	69	61	51	77	66
	12503	78	78	74	73	69	63	56	48	74	63
	7169	78	77	73	73	69	62	55	49	74	62
	0	77	76	72	72	68	61	55	49	73	61
424	19209	83	83	79	77	74	71	63	53	79	68
	13421	81	80	76	75	71	65	58	51	76	65
	7695	80	79	75	74	71	64	58	51	76	64
	0	79	78	75	73	70	63	57	51	75	63
453	20522	85	85	81	78	76	72	66	56	81	69
	14339	83	82	78	76	73	67	60	53	78	66
	8221	82	81	77	76	73	66	60	53	77	66
	0	81	80	77	75	72	65	59	53	77	65
482	21836	87	87	83	80	77	74	68	58	83	71
	15257	85	83	80	77	75	69	62	55	80	68
	8747	84	82	79	77	75	68	62	55	79	68
	0	83	82	79	76	74	67	61	55	78	67
511	23150	88	89	85	81	79	76	70	60	84	73
	16175	86	85	82	79	77	70	64	57	81	70
	9274	85	84	81	78	77	70	63	57	81	69
	0	85	83	80	77	76	69	63	57	80	68
540	24464	89	90	87	82	81	77	72	62	86	74
	17093	88	87	84	80	78	72	66	59	83	71
	9800	87	85	82	79	79	72	65	59	82	71
	0	87	85	82	78	78	71	64	58	82	70
569	25778	91	92	88	83	82	78	74	64	87	76
	18011	90	88	85	81	80	74	68	60	84	73
	10326	89	87	84	80	80	73	67	60	84	72
	0	89	86	84	79	79	72	66	60	83	72
598	27091	92	93	90	84	83	80	76	66	89	77
	18929	91	89	87	82	82	75	69	62	86	74
	10853	90	88	86	81	82	75	68	62	85	74
	0	90	88	85	80	81	74	67	61	84	73
627	28405	93	95	91	85	85	81	78	67	90	78
	19847	93	91	88	83	83	76	71	63	87	76
	11379	92	89	87	82	83	76	70	63	87	75
	0	92	89	87	81	82	75	69	63	86	74
656	29719	94	96	93	87	86	82	79	69	91	80
	20765	94	91	90	84	85	78	72	65	88	77
	11905	93	90	88	83	85	78	71	65	88	76
	0	93	90	88	82	84	77	70	64	87	76
685	31033	95	97	94	88	87	83	80	71	92	81
	21682	95	93	91	85	85	79	73	66	89	78
	12431	93	92	90	84	85	79	72	66	89	77
	0	94	91	89	84	84	78	72	66	88	77
720	32618	96	98	95	90	88	85	82	72	94	82
	22790	96	94	92	87	86	81	75	68	91	79
	13067	94	93	91	86	86	81	74	68	90	79
	0	95	93	91	85	85	80	73	67	89	78
743	33660	96	99	96	91	89	85	82	74	94	83
	23518	96	95	93	88	87	82	76	69	92	80
	13484	95	94	92	87	87	82	75	69	91	80
	0	95	94	91	86	86	81	74	68	90	79
772	34974	97	100	97	92	90	87	83	75	96	84
	24436	97	96	94	89	88	83	77	70	93	81
	14010	96	95	93	88	88	83	76	70	92	81
	0	96	95	92	87	87	82	75	69	91	80
800	36243	98	100	98	93	90	87	84	76	96	85
	25323	98	98	95	90	89	84	78	71	94	82
	14519	96	97	94	89	88	84	77	71	93	81
	0	96	96	93	89	87	83	76	70	92	81

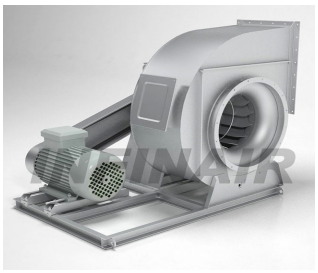
Values shown are for inlet LwiA sound power levels for Installation Type B: Free inlet, ducted outlet. The sound power level ratings shown are in decibels, referred to as 10^{-12} watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. dB(A)A-weighted sound pressure level is based on 11.5 dB sound attenuation per octave band at 1.5 m. Note that LpA-dB(A) levels are not licensed by AMCA International.

High Pressure Axial Fan

Roof Exhaust Fan



Mix Flow Fan



SISW Centrifugal Fan

Axial Wall Fan

DIDW Fan

Heavy Industrial Fan

Medium Duty Ind. Fan

Jet Fan

INFINAIR™

INFINAIR ARABIA CO. LTD

Add: Kingdom of Jordan - Amman City - Mowaqqar Industrial Free Zone

Http: //www.infinair-arabia.com

Email: hossam@infiunair-arabia.com

Mobile and What's up: +962 - 785382880

INFINAIR FANS ARE THE BEST CHOICE HIGH QUALITY PRODUCTS

SYSTEM CERTIFICATION ISO 9001 SGS QAULITY ASSURANCE

SYSTEM CERTIFICATION ISO 14001 SGS ENVIRONMENTAL

SYSTEM CERTIFICATION ISO 45001 SGS HEALTH & SAFETY

ETL LISTED US
UL Listed Fans
Standard UL 705:2017

amca WORLDWIDE CERTIFIED RATINGS SOUND AND AIR PERFORMANCE

ISQ-10.October-2019-V01