RAETTS promotes global achievement of
"Carbon Peaking And Carbon Neutrality"



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Email: sales@raettsgroup.com

RAETTS®

THE GLOBAL INNOVATOR OF
ENERGY-SAVING BLOWER SYSTEM SOLUTION

TURBO BLOWER

Air Bearing Blower | **Maglev TURBO Blower**



WWW.RAETTSGROUP.COM

Vision
Become Global Energy Solutions Innovator

Mission
Provide Intelligent Equipment System by energy-saving equipment, innovative energy systems and integrated energy storage systems

Values
Innovation, perseverance, gratitude, and common prosperity

Business philosophy
Continuous improvement, courage to innovate, and steady development



Energy-saving Equipment Comprehensive Energy Saving Rate

About

30%

Wastewater Treatment Equipment Saves On Whole-plant Costs

About

15%



Development History

THE 2024
RAETTS serves Europe's "re-industrialization" and China's "equipment renewal";Carry out in-depth cooperation for the energy, environmental protection and sewage industries;

THE 2023
RAETTS US headquarters was established;

THE 2022
RAETTS German manufacturing headquarters was established;

THE 2021
Breakthrough in magnetic levitation chiller technology; Breakthrough in permanent magnet synchronous motor technology;

THE 2018
Air bearing blowers and maglev TURBO blowers provide comprehensive energy-saving solutions for the environmental protection industry;

THE 2015
Establish an R&D department and form the core technical team;Officially develop air suspension technology and magnetic levitation technology;

THE 2013
Master the core technology of high-speed centrifugal blowers;Provide comprehensive energy-saving solutions for the beverage and alcohol industry;

THE 2011 RAETTS established;

ABOUT US

RAETTS, which absorbs German magnetic levitation technology and Korean air suspension technology, had independently mastered the two core technologies from the year of 2021, quickly break through the international market barriers, establish a German R&D subsidiaries with China R&D team as the core, and service agencies in the United States and France to ensure the satisfaction of global customers.

The company's RAETTS series of blowers and compressors rely on the world's cutting-edge air suspension and magnetic levitation technology, are equipped with permanent magnet synchronous motors, and are integrated with the R&D design of the whole machine. RAETTS products have low energy consumption, no need oil for lubrication, low noise and environmental protection, which are sustainable and environmentally friendly products.

RAETTS blowers can save more than 30% of energy in the sewage treatment process of customers.



13 years
of R&D and production experience

39 +
Intellectual property patents

1000 +
Project references

50,000 m^2+
R&D and production base

CORE COMPETITIVENESS





52+ Patents

9 invention patents, 38 utility model patents,
5 appearance patents

7+ Various standards

Formulate 2 national standards, 3 group standards
and 2 enterprise standards;

10+
Software Copyright

RAETTS has successively passed ISO9001 quality management system, ISO14001 environmental management system, ISO45001 occupational health and safety management system, integration of industrialization and industrialization management system, intellectual property management system, after-sales service (five-star) and other certifications.

Certificat ISO







Raetts maglev TURBO blower recommended products by the ministry of industry and information technology in the field of energy-saving technology and equipment

Certificate No:JN2022-041 ▶



Raetts air bearing blower recommended products by the ministry of industry and information technology in the field of energy-saving technology and equipment

Certificate No:JN2021-050 ▶



“Catalog of major environmental protection technology and equipment encouraged "by the state Supporting units

Certificate No:2023067 ▶



Outstanding Suppliers in the Cement Industry in 2021 ▶



2022 Leading Enterprise in the Field of Water Supply and Drainage Equipment ▶





◀ Maglev TURBO Blower
Explosion-Proof Certificate

Air Bearing Blower ▶
Explosion-Proof Certificate



R&D BASE



Research and development discussion



Research and development discussion



RAETTS German factory



RAETTS base(Phase I)



RAETTS base(Phase II)





Germany

Germany HERMLE Five-axis
◀ Machining Center



Sweden

Sweden Hexagon
◀ measuring instrument



Japan

Mazak CNC
◀ Process Center



China

Magnetizer machine and
multi-pole magnetic ring
◀ test platform

RAETTS MAGLEV TURBO BLOWER

Energy saving rate
>30%

Selected in the Ministry of Industry and Information Technology of China "energy-saving technology equipment" recommended directory.



- Energy saving > 30%
- Motor Efficiency > 95%
- Ultra-low noise < 80dB
- Long life > 20years
- Precision design construction
- Low operation and maintenance cost
- UPS power failure protection
- Supports frequent start and stop

MORE ENERGY EFFICIENT

RAETTS energy-saving equipment
Comprehensive energy saving rate 20%-50%



MORE INTELLIGENT

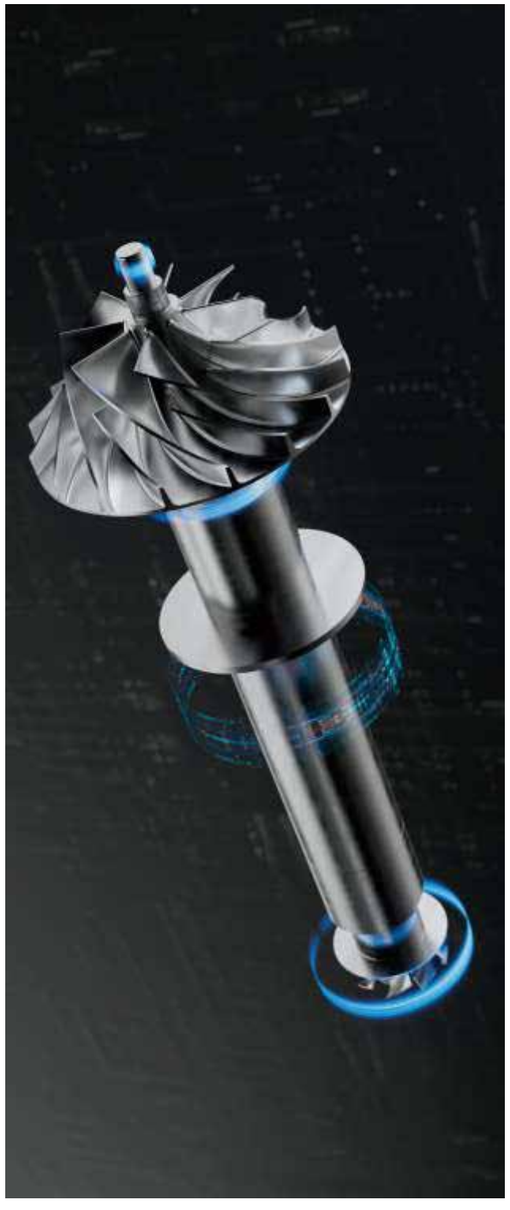
RAETTS magnetic technology
UFRC algorithm + self-scan frequency



MORE EMPOWERING

RAETTS wastewater treatment equipment
saves 5%-10% on whole-plant costs







RAETTS
Maglev TURBO Blower Exclusive Advantages

Maglev controller

High reliability, high stability, self-calibration, self-identification, avoiding downtime

Safety bearing

Imported from Germany/Europe, meet the full speed drop more than 10 times

Inductive sensor

Introduced German technology design, static and stable suspension, axis runout less than 1um

Advanced UFRC algorithm

The rotor rotates around the center of mass, eliminating the excitation forces, more secure and reliable

Maglev bearing system

Imported resin for complete resin potting, military-grade coil, anti-dust and anti-ageing

Control cable

Strong anti-interference ability, good control stability, with shielding function

Self-scanning function 0~2kHz

Accurately capture anti-disturbance performance parameters before and during rotation

Permanent magnet synchronous motor

High efficiency and low energy consumption, anti-corrosion, moisture-proof and mechanical damage-proof

Implementation standards

Implementation of ISO14839 international standards





Three dimensional flow impeller design

Aviation aluminum alloy material, five-axis CNC precision machining, precision 0.001MM, durable anticorrosion

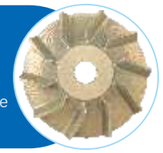


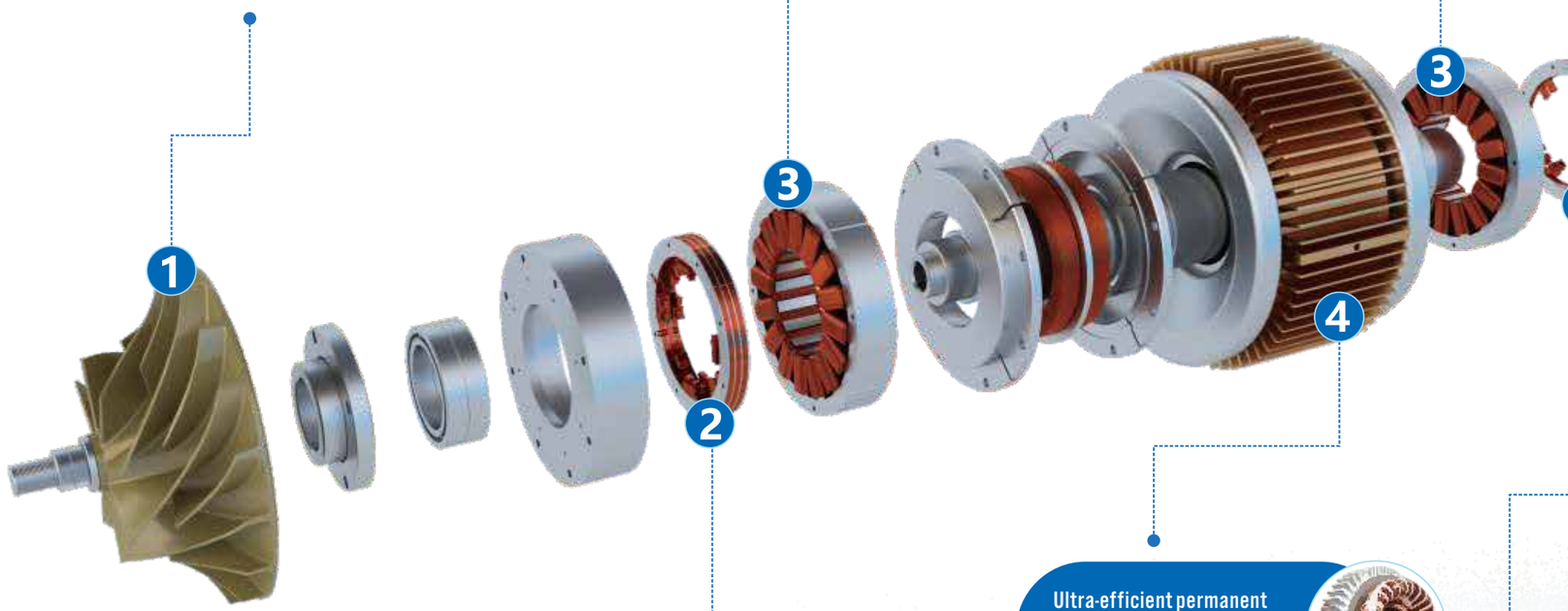
Active maglev bearing

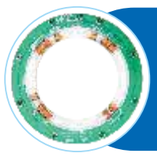
No mechanical contact, no wear, no lubrication, can monitor the rotor bearing status, safe and stable

Unique motor air-cooling technology

Good cooling effect, simple structure







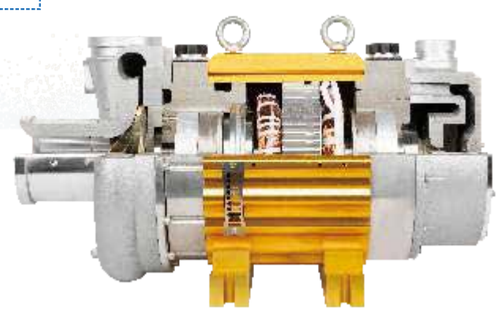
Precision sensors

Ensure static and stable suspension, axis runout less than 1um, and no electromagnetic noise

Ultra-efficient permanent magnet synchronous motor

Small size, light weight, low noise, speed up to 60000 RPM





Five core designs of maglev TURBO blower

RAETTS AIR BEARING BLOWER

Selected in the Ministry of Industry and Information Technology of China
"energy efficiency star" equipment product directory

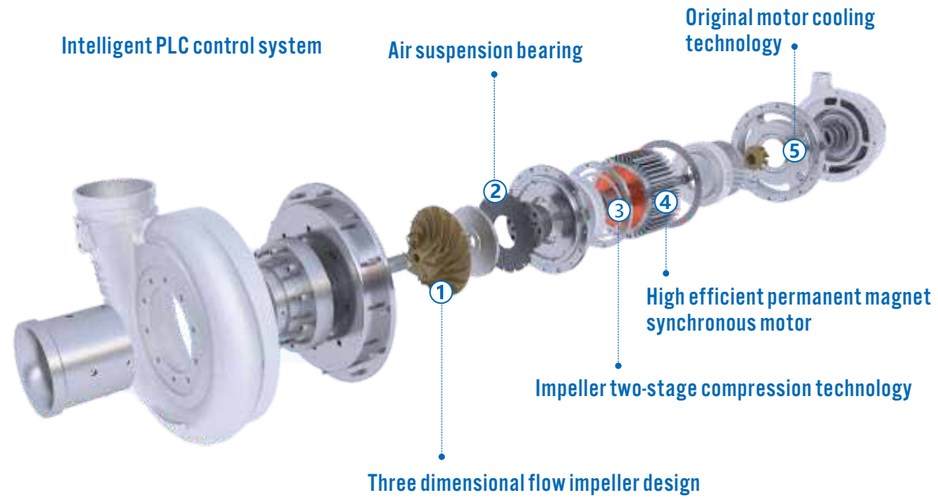


Energy saving rate
> 30%

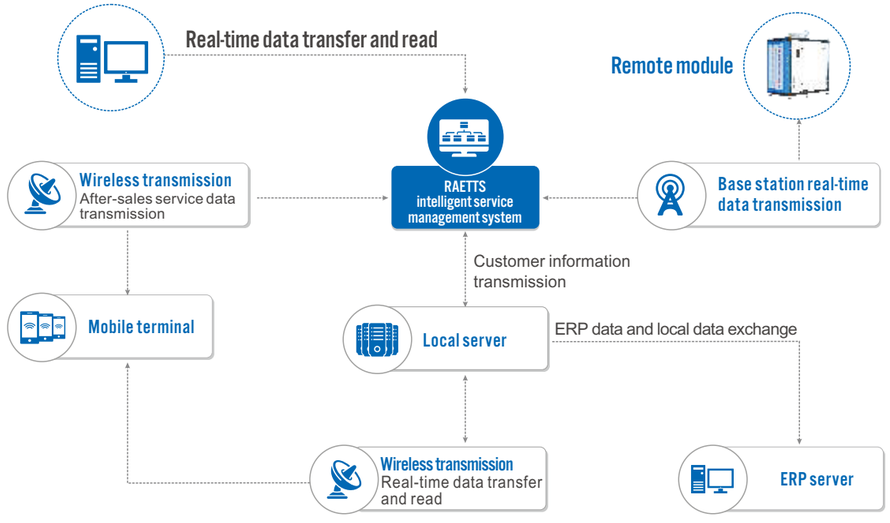
Air suspension bearing 100% no lubricating oil, no mechanical friction, the service life can reach semi-permanent. Pure mechanized design, anti-interference is particularly strong, low failure rate, no mechanical vibration and noise.

- Energy saving > 30%
- Frequency conversion control
- Ultra-low noise < 80dB
- High efficiency cooling system
- Motor Efficiency > 95%
- Long life > 20 years
- Low operation and maintenance cost
- Simple structure, no lubricating oil

Six core technology of RAETTS air bearing blower

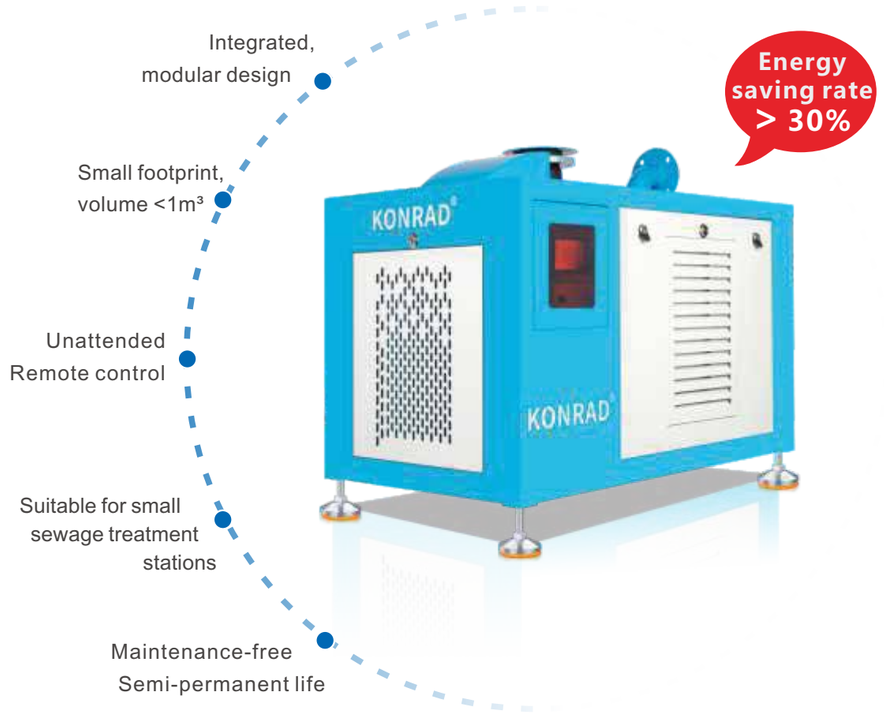


RAETTS Cloud intelligent management system



KONRAD SERIES PORTABLE AIR BEARING BLOWER

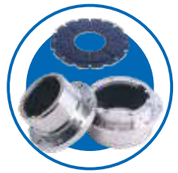
Portable design 7.5kW \ 15kW \ 22kW







SIX CORE TECHNOLOGY, SMALL SIZE, POWER SAVING KING



Air suspension bearing
Zero friction/free lubrication



Ternary flow technology
Pressure up to 80kPa



High-efficiency permanent magnet motor
Efficiency>95%



Integrated components
Small size does not occupy land



Frequency Control
Integrated design



Intelligent control
Support remote management

KONRAD Power saving trial calculation of a wastewater treatment plant

Traditional Roots Blower VS KONRAD Portable Air bearing Blower		
Comparison item	KONRAD Portable Air bearing Blower	Traditional Roots Blower
Power	22kW	30kW
Running hours per day	24h	24h
Annual powerconsumption	184,800kW • h	252,000kW • h

A single portable turbo blower can save 67,200 kilowatt-hours of electricity per year.
and save CNY40,320(CNY0.6 per kilowatt-hour)

RAETTS PROJECT CASE









Project name	Guangdong province Zhuhai City Fushan third (industrial) water purification plant
Blower selection	11 sets RAETTS maglev TURBO blower (4 sets 150kW, 4sets 95kW, 3 sets 55kW)
Energy saving	about 30%
Annual electricity savings	about USD463,768
Recovery cycle	expected one year

RAETTS PROJECT CASE







Project name	TOP SPORTS TEXTIE VIETNAM CO.LTD
Blower selection	4 sets RAETTS air bearing blower (2 sets 15kW, 2 sets 37kW)
Energy saving	about 30%
Annual electricity savings	about USD44,928
Recovery cycle	expected one year

RAETTS PROJECT CASE









Project name	China Yunnan Shiping County Mabolong Sewage Treatment Plant
Blower selection	Ten sets RAETTS air bearing centrifugal blowers (37kW:6sets,55kW:2sets,75kW:2sets)
Energy saving	about 30%
Annual electricity savings	about USD152,175
Recovery cycle	expected one year

RAETTS PROJECT CASE









Project name	China Guangdong Xintang Town Sewage Treatment Plant
Blower selection	Three RAETTS 185kW maglev TURBO blowers
Energy saving	about 30%
Annual electricity savings	about USD176,470
Recovery cycle	expected one year

RAETTS after-sales service



RAETTS

Star after-sales service

Say goodbye to blame, delays and high prices

Self-produced core components to guarantee qualityDirect sales team service, worry-free after-sales servicePrice is open and transparent, benefiting customers

RAETTS Headquarters

North America Headquarter & Manufacturing Facility：New Jersey
Europe Headquarter & Manufacturing Facility：Herfod, Germany
China Headquarter & Manufacturing Facility: Dongguan, Guangdong

RAETTS Distributors/Agents

Minburi, Bangkok 10510,Thailand
Petaling Jaya,Selangor Darul Ehsan, Malaysia
Colmenar Viejo (Madrid), Spain
Jakarta Barat 11840 - Indonesia
Taoyuan City, Taiwan
Ahmedabad,India
Ho Chi Minh and Hanoi,Vietnam
Minsk,Republic of Belarus
Manama,Kingdom of Bahrain
Istanbul,Turkey
Escobedo Nuevo León,Mexico





1 hour response



2 hour to issue a preliminary plan



24 hour to arrive on site



within 7 days to solve most of the global faults

Service Guarantee

Six major service guarantees
Attentive service / Quality Assurance / Worry-free after sales

Source factory:
Independent R&D, production, sales and after-sales

Better price:
Independent mass production is also beneficial to customers

Fast delivery time:
10-15 days shorter than the peers

Support customization:
Customized according to different needs

Long warranty: 2-5 years

Diversified cooperation:
Support OEM and rental models

In the past:
The maintenance of imported blowers takes a few months, and the production has to be shut down for several months if customers don't have spare blower. The price of foreign parts is several times higher than domestic ones. The cost of repairing an imported blower can range from tens of thousands to hundreds of thousands RMB.

RAETTS
Master the core technology of blowers, repair the global major brands blowers, so that the maintenance time becomes short and fast, also RAETTS has the independent maintenance team, which will guarantee us to do maintenance at cost price, saves money and time for customers.

RAETTS Cooperation partner

SAMSUNG | ASKPCB | SYTECH | SL | SCC
ZF | TTM Technologies | SGC ircuits PCB Group for excellent customer solutions | BRAIN POWER | KYOCERA
Audi | SUNTAK | DELTON TECHNOLOGY | KB | FOXCONN
Hisense | XINGDAHONGYE | LUCE | FOUNDER | BYD



In recent years, RAETTS serves some water enterprises with a volume of 100,000 to 250,000 tons,which are distributed in Guangdong, Sichuan, Zhejiang, Hainan, Hubei, Hebei, Malaysia and other regions.

RAETTS installation list(part of list)

PROJECT NAME	COUNTRY	CITY	APPLICATIONS
IWK Langat(HLT 167)	Malaysia	Semenyih, Selangor	Municipal sewage
IWK Gombak GBK 268	Malaysia	Garing Utama,selangor	Municipal sewage
IWK Shah Alam-SAM 030	Malaysia	Selangor	Municipal sewage
IWK Gombak GUS 116	Malaysia	Bukit Beruntung, Selangor	Municipal sewage
IWK Shah Alam-SAM 277	Malaysia	Selangor	Municipal sewage
IWK Penang PEG 265	Malaysia	Batu Ferringhi	Municipal sewage
IWK Gombak GUS 125	Malaysia	Bukit Beruntung, Selangor	Municipal sewage
IWK KLR 391 TTDI-KLR 391	Malaysia	Bukit Beruntung, Selangor	Municipal sewage
IWK Kuala Sawah(SEN 330)	Malaysia	Rantau, Seremban	Municipal sewage
IWK Medini(JBT 291)	Malaysia	Bahru, Johor	Municipal sewage
IWK Pusat Bandar Puchong, PTG 157	Malaysia	Puchong	Municipal sewage
IWK Kota Emerald 2, GBK 212	Malaysia	Rawang, Selangor	Municipal sewage
IWK Tamna Sri Gombak, GBK 259	Malaysia	Batu Caves,Selangor	Municipal sewage
IWK TAMAN SUBANG BESTARI, SAM 143	Malaysia	Petaling District,Selangor	Municipal sewage
IWK Taman Koperasi Polis II, KLR 395	Malaysia	Batu Caves,Selangor	Municipal sewage
Ajinomoto (Thailand) Co.,Ltd.	Thailand	Ayutthaya	Food and beverage wastewater
Ajinomoto (Thailand) Co.,Ltd.	Thailand	Kampeang Phet	Food and beverage wastewater
Thai metal aluminium co. ltd	Thailand	Samut Prakarn	metal production wastewater
Toyota Motor (Thailand) Co.,Ltd.	Thailand	Chachoengsao	Automobile manufacturing wastewater
Thai Cardboard Co..Ltd	Thailand	Nakhon Pratum	Papermaking wastewater
Chong Anan Co.,Ltd	Thailand	Nakhon Pratum	
Banglane Paper Mill Co.,Ltd.	Thailand	Nakhon Pratum	Papermaking wastewater

RAETTS installation list(part of list)

PROJECT NAME	COUNTRY	CITY	APPLICATIONS
Mondelez International (Thailand) Co.,Ltd.	Thailand	Bangkok	Food Wastewater
Toyota karawang plant	Indonesia	Karawang, Jawa Barat	Automobile Manufacturing Wastewater
Aquacria Lafigal Sociedad Limitada.	Spain	Valencia	Fish Farming
Safiestela Lda	Portugal	Póvoa de Varzim. Portugal	Fish Farming
Kostomuksha WWTP	Russia	Kostomuksha	Municipal Sewage
Thailand Mondelēz International	Thailand	Bangkok	Food Wastewater
SMA power service	Thailand	Lamparng	Solar Power
Yingchareun Department store building	Thailand	Bangkok	Shopping Mall Sewage
Alba Plant,Bahrain	Bahrain	Bahrain	Municipal Sewage
Novozymes	Denmark	Bagsvaerd	Fermentation Industry
Ketpakorbkarn usahakamphongnang km30	Thailand	Bangkok	Leather Factory Wastewater
AB InBev GCC India	India	Bangalore	Brewery Sewage
S.Power	Vietnam	Vietnam	Textile Wastewater
SCGP	Thailand	Bangkok	Papermaking Wastewater
Sun Yu Industrial Co., Ltd. (Dyeing and Finishing Plant) Wastewater Treatment Roots Blower Renewal Project	China	Taiwan	Wtp
Dujiangyan Lafarge Cement Plant	China	Sichuan	Building Materials Wastewater
Gezhouba Yicheng Cement Co., Ltd.	China	Hubei	Building Materials Wastewater
Lee& Man Paper Manufacturing Limited	China	Guangdong	Papermaking Wastewater
Foshan Haitian flavouring & Food Co.Ltd.	China	Guangdong	Food And Beverage Wastewater
OriginWater Technology Co., Ltd.	China	Beijing	Sewage Disposal
BYD waste water treatment	China	Hubei, Jiangsu, Guangdong	Automobile Manufacturing Wastewater
Guodian Yinhe Water Caoxian No. 1 Sewage Treatment Plant	China	Shandong	Municipal Sewage

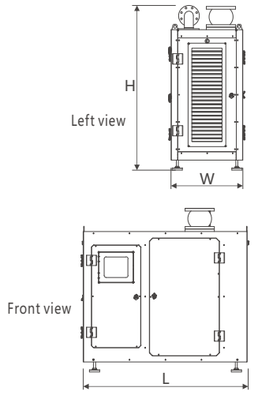
Selection Table of RAETTS Blower

EXPL (K) series



EXPL series





W : width L : length H : height

RAETTS air bearing blower model selection table (standard type)

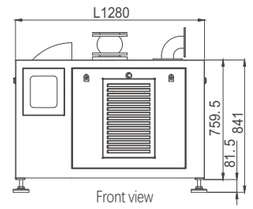
Model	Type	Motor power		Air flow		Pressure		Outlet diameter	Dimension EXPL(K)/EXPL			Gross weight EXPL(K)/EXPL
		HP	kW	m³/min	CFM	kPa	PSI	DN(mm)	W(mm)	L(mm)	H(mm)	kg
EXPL10-04K/04	Single impeller	10	7.5	8.4	296.6	40	5.8	150	700/760	1600/1770	1600/1590	532/350
EXPL10-06K/06				7	247.2	60	8.7					
EXPL10-08K/08				5.5	194.2	80	11.6					
EXPL20-04k/04		20	15	16	565.0	40	5.8					532/410
EXPL20-06K/06				13	459.0	60	8.7					
EXPL20-08K/08				10.5	370.8	80	11.6					
EXPL30-04K/04		30	22	24	847.4	40	5.8					532/450
EXPL30-06K/06				20	706.2	60	8.7					
EXPL30-08K/08				17	600.3	80	11.6					
EXPL30-10K/10				14	494.3	100	14.5					
EXPL50-04K/04		50	37	42	1483.0	40	5.8					532/530
EXPL50-06K/06				34	1200.5	60	8.7					
EXPL50-08K/08				28	988.7	80	11.6					
EXPL50-10K/10				23	812.1	100	14.5					
EXPL50-12K/12				19	670.9	120	17.4					
EXPL75-04K/04		75	55	60	2118.6	40	5.8	200	800/860	1600/1770	1800/1590	654/736
EXPL75-06K/06				51	1800.8	60	8.7					
EXPL75-08K/08				42	1483.0	80	11.6					
EXPL75-10K/10				34	1200.5	100	14.5					
EXPL75-12K/12				28.5	1006.3	120	17.4					

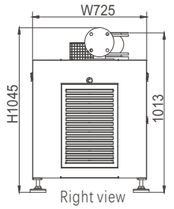
Model	Type	Motor power		Air flow		Pressure		Outlet diameter	Dimension [EXPL(K)/EXPL]			Gross weight EXPL(K)/EXPL
		HP	kW	m³/min	CFM	kPa	PSI	DN (mm)	W(mm)	L(mm)	H(mm)	kg
EXPL100-04K/04	Single impeller	100	75	84	2966.0	40	5.8	200	800/860	1600/1770	1800/1590	654/736
EXPL100-06K/06				69	2436.4	60	8.7					
EXPL100-08K/08				55	1942.1	80	11.6					
EXPL100-10K/10				45	1589.0	100	14.5					
EXPL100-12K/12				38	1341.8	120	17.4					
EXPL125-04K/04		125	95	102	3601.6	40	5.8	250	1000/1000	1700/1950	1950/1920	850/850
EXPL125-06K/06				82	2895.4	60	8.7					
EXPL125-08K/08				70	2471.7	80	11.6					
EXPL125-10K/10				56	1977.4	100	14.5					
EXPL125-12K/12				48	1694.9	120	17.4					
EXPL150-04K/04		150	110	120	4237.2	40	5.8					925/850
EXPL150-06K/06				105	3707.6	60	8.7					
EXPL150-08K/08				84	2966.0	80	11.6					
EXPL150-10K/10				65	2295.2	100	14.5					
EXPL150-12K/12				58	2048.0	120	17.4					
EXPL200-04K/04		200	150	(S)160 (D)200	(S)5650 (D)7062	40	5.8	300	1100/1100	1800/2060	1950/1920	1060/1045
EXPL200-06K/06				140	4943.4	60	8.7					
EXPL200-08K/08				109	3848.8	80	11.6					
EXPL200-10K/10				87	3072.0	100	14.5					
EXPL200-12K/12				76	2683.6	120	17.4					
EXPL250-04K/04		250	185	(D)220	(D)7768.2	40	5.8	300				1080/1080
EXPL250-06K/06				160	5649.6	60	8.7					
EXPL250-08K/08				138	4872.8	80	11.6					
EXPL250-10K/10				104	3672.2	100	14.5					
EXPL250-12K/12				95	3354.5	120	17.4					
EXPL300T-04K/04	Double impeller	300	220	250	8827.5	40	5.8	500	1205/1226	2550/2600	2410/2660	1500/1600
EXPL300T-06K/06				210	7415.1	60	8.7	400				
EXPL300T-08K/08				164	5790.8	80	11.6					
EXPL300T-10K/10				133	4696.2	100	14.5					
EXPL300T-12K/12				114	4025.3	120	17.4					
EXPL400T-04K/04		400	300	336	11864.2	40	5.8	500	1205/1226	2555/2600	2530/2660	1500/1600
EXPL400T-06K/06				272	9604.3	60	8.7					
EXPL400T-08K/08				218	7697.6	80	11.6					
EXPL400T-10K/10				176	6214.6	100	14.5	400	1205/1226	2555/2600	2410/2660	1500/1600
EXPL400T-12K/12				152	5367.1	120	17.4					

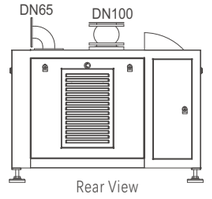
Model	Type	Motor power		Air flow		Pressure		Outlet diameter	Dimension EXPL(K)/EXPL			Gross weight EXPL(K)/EXPL
		HP	kW	m³/min	CFM	kPa	PSI	DN(mm)	W(mm)	L(mm)	H(mm)	(kg)
EXPLC50-15K/15	Double compression	50	37	18	635.6	150	21.8	125	700/760	1600/1770	1600/1590	532/530
EXPLC50-20K/20				14	494.3	200	29.0					
EXPLC75-15K/15		75	55	25	882.8	150	21.8	200	850/860	1900/1770	1800/1590	654/736
EXPLC75-20K/20				21	741.5	200	29.0					
EXPLC100-15K/15		100	75	34	1200.5	150	21.8					
EXPLC100-20K/20				29	1024.0	200	29.0					
EXPLC150-15K/15		150	110	53	1871.4	150	21.8	250	1100/1100	2100/1950	1990/1920	1050/1040
EXPLC150-20K/20				42	1483.0	200	29.0					
EXPLC200-15K/15		200	150	70	2471.7	150	21.8	300	1250/1100	2205/2060	2185/1920	1060/1040
EXPLC200-20K/20				58	2048.0	200	29.0					
EXPLC250-15K		250	185	85	3001.4	150	21.8		1040	2210	1990	1800
EXPLC250-20K				72	2542.3	200	29.0					
EXPLC250-35K				50	1765.5	350	50.8					
EXPLC300-15		300	220	96	3389.8	150	21.8		1100	2060	1920	1600
EXPLC300-20				88	3107.3	200	29.0					
EXPLC400-15K/15		400	300	140	4943.4	150	21.8		1305/1226	2505/2600	2385/2600	2200/2000
EXPLC400-20K/20				115	4060.7	200	29.0					

RAETTS air bearing blower model selection table (KONRAD.portable type)





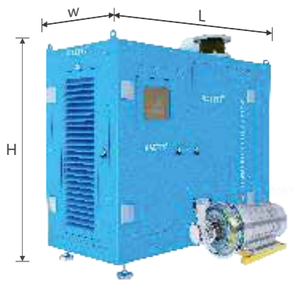




Model	Type	Motor power		Air flow		Pressure		Outlet diameter	Dimension			Gross weight
		HP	kW	m³/min	CFM	kPa	PSI	DN(mm)	W(mm)	L(mm)	H(mm)	(kg)
EXPL10-04B	Single impeller	10	7.5	8.4	296.6	40	5.8	100	725	1280	1045	265
EXPL10-06B				7	247.2	60	8.7					
EXPL20-04B		20	15	16	565.0	40	5.8					
EXPL20-06B				13	459.0	60	8.7					
EXPL20-08B				10.5	370.8	80	11.6					
EXPL30-04B		30	22	24	847.4	40	5.8					
EXPL30-06B				20	706.2	60	8.7					
EXPL30-08B				17	600.3	80	11.6					

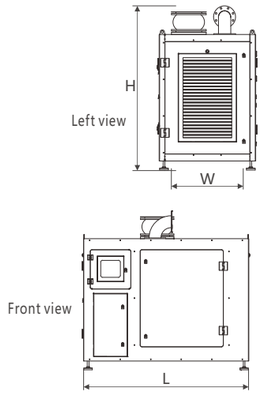
RAETTS maglev TURBO blower model selection table

CXPL (K) series



CXPL series





W: width L: length H: height

Model	Type	Motor power		Air flow		Pressure		Outlet diameter	Dimension			Gross weight
		HP	kW	m³/min	CFM	kPa	PSI	DN(mm)	W(mm)	L(mm)	H(mm)	(kg)
CXPL30-04K/04	Single impeller	30	22	24	847.4	40	5.8	150	850/900	1750/2000	1640/1695	750/767
CXPL30-06K/06				20	706.2	60	8.7					
CXPL30-08K/08				17	600.3	80	11.6					
CXPL50-04K/04		50	37	42	1483.0	40	5.8	150	850/900	1750/2000	1640/1695	750/767
CXPL50-06K/06				34	1200.5	60	8.7					

Model	Type	Motor power		Air flow		Pressure		Outlet diameter	Dimension			Gross weight
		HP	kW	m³/min	CFM	kPa	PSI	DN(mm)	W(mm)	L(mm)	H(mm)	(kg)
CXPL50-08K/08	Single impeller	50	37	28	988.7	80	11.6	150	850/900	1750/2000	1640/1695	750/767
CXPL50-10K/10				23	812.2	100	14.5					
CXPL50-12K/12				19	670.9	120	17.4					
CXPL75-04K/04		75	55	60	2118.6	40	5.8	200	1000/900	1830/2000	1740/1695	850/864
CXPL75-06K/06				51	1800.8	60	8.7					
CXPL75-08K/08				42	1483.0	80	11.6					
CXPL75-10K/10				34	1200.5	100	14.5					
CXPL75-12K/12				28.5	1006.3	120	17.4					
CXPL100-04K/04		100	75	84	2966.0	40	5.8					850/864
CXPL100-06K/06				69	2436.4	60	8.7					
CXPL100-08K/08				55	1942.1	80	11.6					
CXPL100-10K/10				45	1589.0	100	14.5					
CXPL100-12K/12				38	1341.8	120	17.4					
CXPL125-04K/04	Single impeller	125	95	102	3601.6	40	5.8	250	1100/1100	1950/2150	1870/1900	1035/1079
CXPL125-06K/06				82	2895.4	60	8.7					
CXPL125-08K/08				70	2471.7	80	11.6					
CXPL125-10K/10				56	1977.4	100	14.5					
CXPL125-12K/12				48	1694.9	120	17.4					
CXPL150-04K/04		150	110	120	4237.2	40	5.8	250				1040/1082
CXPL150-06K/06				105	3707.6	60	8.7					
CXPL150-08K/08				84	2966.0	80	11.6	250				
CXPL150-10K/10				65	2295.2	100	14.5					
CXPL150-12K/12				58	2048.0	120	17.4					
CXPL200-04K/04		200	150	(S)160 (D)200	(S)5650 (D)7062	40	5.8	300	1100/1030	2050/2300	1870/2300	1130/1293
CXPL200-06K/06				140	4943.4	60	8.7					
CXPL200-08K/08				109	3848.8	80	11.6					
CXPL200-10K/10				87	3072.0	100	14.5					
CXPL200-12K/12				76	2683.6	120	17.4					

Model	Type	Motor power		Air flow		Pressure		Outlet diameter	Dimension			Gross weight
		HP	kW	m³/min	CFM	kPa	PSI	DN(mm)	W(mm)	L(mm)	H(mm)	(kg)
CXPL250-04K/04	Single impeller	250	185	(D)220	(D)7768.2	40	5.8	300	1100/1030	2050/2300	1870/2300	1130/1293
CXPL250-06K/06				160	5649.6	60	8.7					
CXPL250-08K/08				138	4872.8	80	11.6					
CXPL250-10K/10				104	3872.2	100	14.5					
CXPL250-12K/12				95	3354.5	120	17.4					
CXPL300-04K	Double impeller	300	220	250	8827.5	40	5.8	400	1305	2380	2580	1600
CXPL300-06K				210	7415.1	60	8.7					
CXPL300-08K				164	5790.8	80	11.6					
CXPL300-10K				133	4696.2	100	14.5					
CXPL300-12K				114	4025.3	120	17.4	400	1305	2480	2670	1650
CXPL400-04K		400	300	336	11864.2	40	5.8	500	1305	2480	2670	1650
CXPL400-06K				272	9604.3	60	8.7					
CXPL400-08K				215	7697.6	80	11.6	400	1400	2550	2665	
CXPL400-10K				176	6214.6	100	14.5		1305	2480	2670	1650
CXPL400-12K				152	5367.1	120	17.4					
CXPLC50-15K	Double compression	50	37	18	635.6	150	21.8	125	760	1770	1590	530
CXPLC50-20K				14	494.3	200	29.0		760	1770	1590	
CXPLC75-15K		75	55	25	882.8	150	21.8	200	950	1830	1740	735
CXPLC75-20K				21	741.5	200	29.0					
CXPLC100-15K		100	75	34	1200.5	150	21.8		1000	1830	1740	
CXPLC100-20K				29	1024.0	200	29.0					
CXPLC150-15K		150	110	53	1871.4	150	21.8	250	1250	2450	2160	1630
CXPLC150-20K				42	1483.0	200	29.0					
CXPLC200-15K		200	150	70	2471.7	150	21.8	300	1040	2210	1990	1820
CXPLC200-20K				58	2048.0	200	29.0		1250	2450	2160	
CXPLC250-20K		250	185	72	2542.3	200	29.0	300	1250	2450	2160	1820
CXPLC300-15K		300	220	96	3389.8	150	21.8	300	1250	2450	2160	1600
CXPLC300-20K				88	3107.3	200	29.0					
CXPLC400-15K		400	300	140	4943.4	150	21.8	350	1226	2600	2600	2000
CXPLC400-20K				115	4060.7	200	29.0		1450	3010	2600	
CXPLC400-30K				89	3142.6	300	43.5	300	1450	3010	2600	



RAETTS GLOBAL ACTIVITIES

RAETTS-the Global Energy Solutions Innovators

RAETTS is committed to creating the next generation of environmental protection and energy solution technologies.RAETTS is combining the multi-point layout of the innovation center network, global R&D system and local business requirements, to develop innovative solutions which is to meet the needs of global customers, and creating the future of the environmental protection and energy industry .



RAETTS founder Dannis Wu delivered a speech at Hannover Messe



Dannis Wu, President of RAETTS, promoted the project in Malaysia



RAETTS communicates with Mexico customers



RAETTS attended Hannover Messe 2023



RAETTS conducts technical exchanges with European glass bottle manufacturers



RAETTS France sales and service team



RAETTS conducted technical exchanges with Danish customers



Dannis Wu, President of RAETTS, had project exchanges with Malaysian customers



RAETTS conducted technical exchanges with German customers



RAETTS Russian customer application site

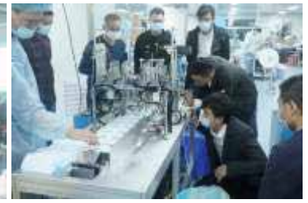


RAETTS attended Shanghai International Water Exhibition (Wietec China)



RAETTS communicates with Argentinian customers

RAETTS SOCIAL RESPONSIBILITY




From 2019 to 2021, Raetts undertook the urgent task of developing mask machines during the epidemic. Once the R&D and production technology of mask machines achieved, Raetts share this core technologie on global media for free so that industrial personnel can quickly master the basics.
In June 2022, 80,000 masks were donated to the German government of Renswick and received newspaper publicity.




In 2020, RAETTS GmbH in Braunschweig, Germany donated 100000 disposable medical rubber gloves to China by air to support China in combating the COVID-19





China Raetts donated pressure gauges, medical masks and other anti-epidemic emergency supplies to the areas hardest hit by COVID-19 in China (Wuhan and other cities);





▲ Raetts donates school equipment to impoverished mountainous areas in rural China



Raetts enter Europe in 2023, and established service and production center base in France and Germany, participate in local cultural activities, and make corporate donations to the French National Opera in Montpellier.






▲ In Raetts Groupe, the number of female employees accounts for 25% of the company's total employees. On every International Women's Day, Raetts organise the celebration activites, offer the gifts and Organize women's health check-ups.








▲ Annual product launch, and annual celebration party inviting collaborators from all over the world






▲ Raetts is a dynamic enterprise. We participate in the corporate basketball league of the water industry every year. Retz employees participate in no less than 20 basketball games every year.