



ROBUSCH®

by Gardner Denver

Robox Aqua

Advanced Blower Solutions for Aquaculture



ROBOX

AQUA



Sustainable fish farming and processing requires a comprehensive range of advanced technologies to provide efficiency at every stage of the operation. At Robuschi we understand that premium performance must also embrace the highest environmental standards. We therefore design and manufacture equipment with uncompromising quality and reliability to not only meet, but exceed the demands of the application.

Our excellent application know-how and constant pursuit of technological perfection has led to the complete redesign of our rotary lobe blowers, delivering the unique Robox Aqua for the Aquaculture industry.

Rotary Lobe Blowers are a reliable and proven component for fish farming applications, such as pellet feeding and pond aeration - but with the farms themselves getting bigger, space on the barges can be at a premium. A small footprint is therefore a key requirement for modern blowers.



Pressure range

up to 1,000 mbar (g)



Volume flow

up to 700 m³/hr



Motor power

up to 30 kW

Fewer components

- Increased reliability and ease of installation

Modular design

- Robox is stackable enabling installation on scaffold structures to reduce space constraints

Reduced noise levels

- Improved sound enclosure provides low noise levels of <80 dB(A)

Small footprint

- The compact design requires on average, 33% less floor space than a conventional PD blower package



Premium performance from
a unique, space-saving design



Direct coupling

- Prevents transmission efficiency losses and also reduces costs associated with servicing

Configurable outlet terminal

- Orientation and size of outlet can be simply tailored to the most common pipe systems (2" and 1/2" -DN 65)



Ease of access

- Enclosure panels slide off to allow full access
- Accessible outlet terminal

Extended “uptime” and low servicing costs

- Scheduled servicing is completed easily with frontal access, allowing for space-saving, side-by-side installation
- Oil filling and drainage made simple
- Factory preset relief valve

Unscheduled maintenance simplified

- For added peace of mind



ROBUSCHI®

by Gardner Denver

“Premium performance must also embrace the highest environmental standards.”

Technical Features



Footprint	
• with noise enclosure:	770 x 1,630 mm
• without noise enclosure:	700 x 1,574 mm
Total height:	1,290 mm
Blower inside:	1 x RBS 55
Motor rated power:	22 or 30 kW
Piping connection:	DN65 (1 outlet)



Gardner Denver

GARDNER DENVER S.r.l.
Divisione ROBUSCHI

Manufacturing facilities

Via S. Leonardo, 71/A
43122 Parma - Italy
Phone +39 052 127 4911

Filiale di Milano
Phone +39 02-51-62-80-65

Filiale di Padova
Phone +39 049-807-8260

info.italy@gardnerdenver.com

www.roboschi.com

www.gardnerdenver.com/Industrials

GARDNER DENVER Ltd.
United Kingdom

Claybrook Drive,
Washford Industrial Estate
Redditch, B98 ODS
Phone: +44 1527-838-200

enquiries.red@gardnerdenver.com

GARDNER DENVER FZE
UAE

Office LB180202, JAFZA View
P.O. Box 61146 - Jebel Ali Free Zone
Dubai, UAE
Phone: +971-4-8811-744

enquiries.fze@gardnerdenver.com

ROBUSCHI Benelux BV
Netherlands

Kanaaldijk 100
6956 AX Spankeren
Netherlands
Phone: +31 313-415-570

roboschi-benelux@gardnerdenver.com