

# SANIBOXER AOD PUMP RANGE

AIR OPERATED DOUBLE DIAPHRAGM PUMPS



**FDA**  
COMPLIANT

- ∞ SUITABLE FOR HIGH VISCOSITY LIQUIDS
- ∞ FDA COMPLIANT
- ∞ ATEX ZONE 1 & 2 CERTIFICATION
- ∞ FIBER OPTIC BREAK SENSORS
- ∞ RAPID EMPTYING SYSTEM
- ∞ ECCENTRIC BALL VALVES

Part of the  
**SANIBOXER** Pump  
Range



## ∞ SANIBOXER OVERVIEW

The pumps of the SANIBOXER line are equipped with special fiber optic sensors to detect any damage to the diaphragms, resulting in fluid leaks. In the event of a malfunction, the sensors warn the operator and automatically stop the pump's work.

The Rapid Emptying System of SANIBOXER pumps allows the complete emptying of the pump from the fluid present inside the suction chambers. The operation can be carried out comfortably by hand without the use of tools or particular equipment. The pump will thus be free of internal impurities and ready to be washed and sanitized.

SANIBOXER pumps are equipped with ball fluid valves. The construction form is one of a kind. The eccentric design of the valve allows the conveyance of fluids with large suspended solids. The eccentricity of the valve body prevents the ball from blocking during pumping operations. The balls are available in both AISI 316 and PTFE.

The pumps are equipped by default with sensors to detect rupture of the diaphragms in order to avoid contamination during the transfer processes. Certified pumps: 3A – MOCA – ATEX – FDA.



Scan to see more of our Debem AOD Range



UK OFFICIAL DISTRIBUTOR

**AIR OPERATED DOUBLE DIAPHRAGM PUMPS**

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# SANIBOXER PUMP RANGE

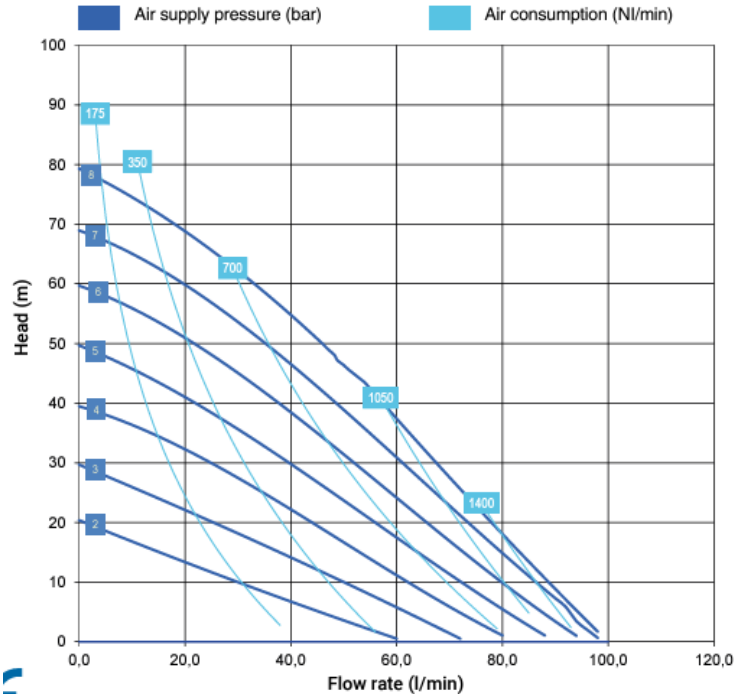
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## ∞ SANIBOXER-01



### ∞ INFORMATION

For more specific model curves, general arrangement drawings or exploded views of individual models, please visit [www.crestpumps.co.uk](http://www.crestpumps.co.uk).



## ∞ TECHNICAL SPECIFICATION

	SANIBOXER-01
Suction / delivery connections	BS 4825 1" Clamp
Air Fitting	3/8" f BSPP
Max. Flow rate *	100 l/min
Max supply air pressure	8 bar
Max. Head *	80 m
Max negative suction head - dry running **	2.5m
Max negative suction head - pump primed	9.5m
Diameter Max suspended solids	5 mm

# SANIBOXER PUMP RANGE

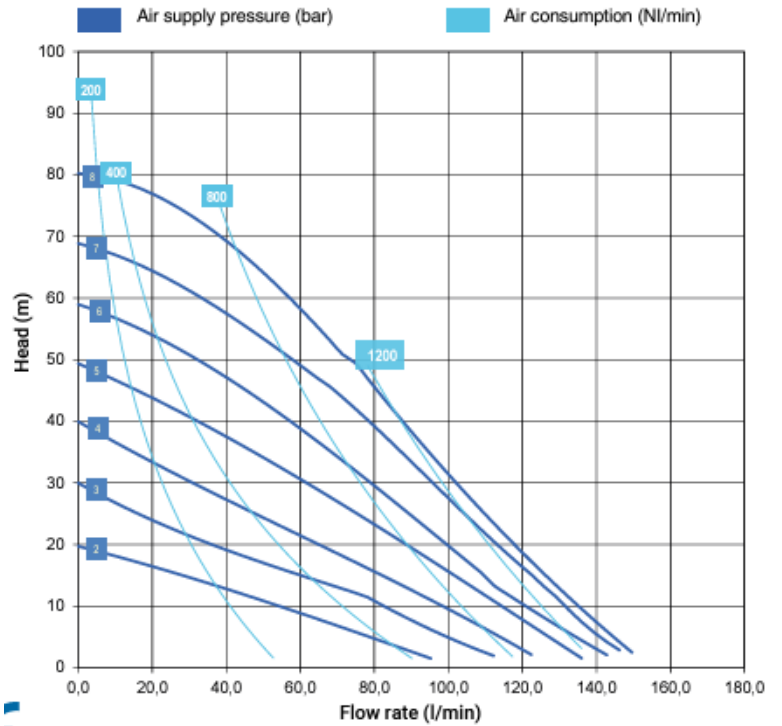
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## ∞ SANIBOXER-02



### ∞ INFORMATION

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## ∞ TECHNICAL SPECIFICATION

	SANIBOXER-02
Suction / delivery connections	BS 4825 1" 1/2 Clamp
Air Fitting	3/8" f BSPP
Max. Flow rate *	160 l/min
Max supply air pressure	8 bar
Max. Head *	80 m
Max negative suction head - dry running **	2.5m
Max negative suction head - pump primed	9.5m
Diameter Max suspended solids	7 mm

# SANIBOXER PUMP RANGE

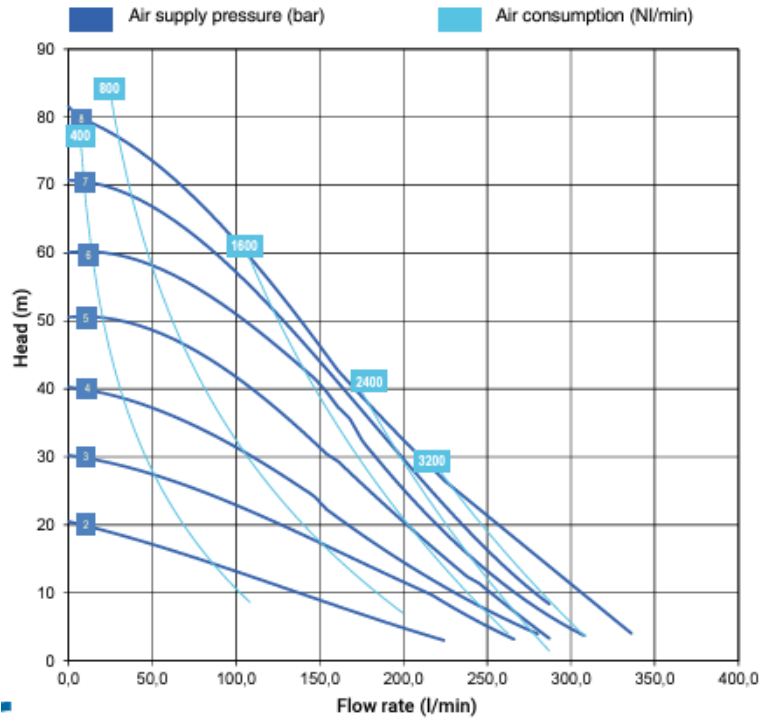
AIR OPERATED DOUBLE DIAPHRAGM PUMPS

## ∞ SANIBOXER-03



### ∞ INFORMATION

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## ∞ TECHNICAL SPECIFICATION

	<b>SANIBOXER-03</b>
<b>Suction / delivery connections</b>	BS 4825 2" Clamp
<b>Air Fitting</b>	1/2" f BSPP
<b>Max. Flow rate *</b>	340 l/min
<b>Max supply air pressure</b>	8 bar
<b>Max. Head *</b>	80 m
<b>Max negative suction head - dry running **</b>	2.5m
<b>Max negative suction head - pump primed</b>	9.5m
<b>Diameter Max suspended solids</b>	15 mm