

# Reavell

# **Gardner** **Denver**

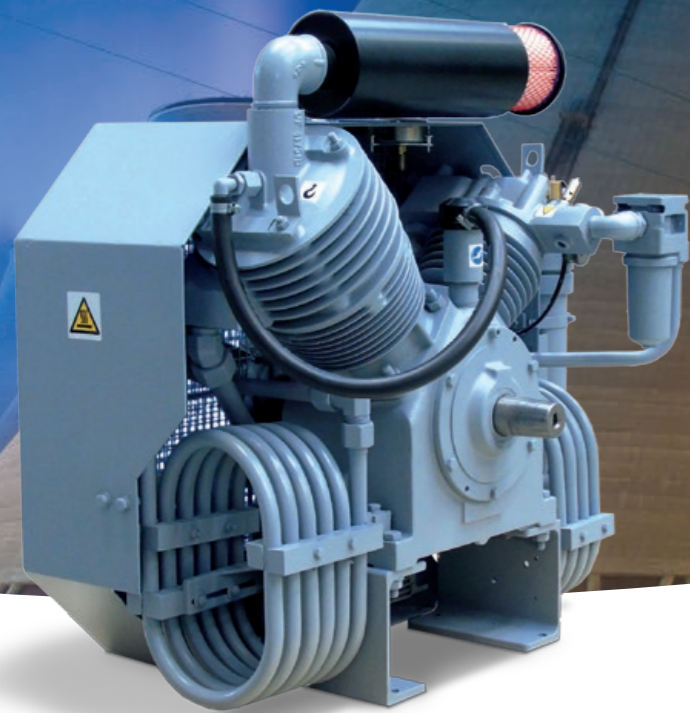
HIGH PRESSURE SOLUTIONS

## The perfect start

WORLD LEADING COMPRESSORS  
FOR AIR ENGINE STARTING



# The flying start



## Fast, reliable engine starting - your competitive advantage in a challenging world

### Staying ahead with Reavell

For more than 100 years, Reavell has been at the forefront of compressed air technology. The engineers behind the first Scott-Reavell steam engine, patented in 1894, probably wouldn't recognise today's high pressure compressor range. But they would certainly identify with our relentless drive for technical excellence.

As part of the global Gardner Denver High Pressure Division, we continually invest in research and development, with the goal of ever-improving reliability and efficiency. Our compact solutions are designed to offer maximum output with minimum size and weight - delivering performance and peace of mind for customers in demanding, competitive environments, at sea, on land and underground.

Air start is the intelligent choice for many diesel engine applications. And with market-leading weight and space-efficiency, Reavell is the perfect solution for your diesel engine starting.

### Efficiency begins with air start

Offering an efficient, fast and reliable method of starting large diesel engines, air start is the intelligent choice for a wide range of applications, including:

- Power generation
- Marine
- Offshore
- Data centres
- Hospitals
- Emergency services

As a safe and dependable source of energy, compressed air is ideally suited for use in hazardous areas, and delivers proven, effective engine starting, even in the most demanding environments.



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# The powerful start



Reavell air start compressors offer best in class footprint and weight per compressor flowrate for a wide range of applications.

- A comprehensive range of both air and water cooled air start compressors
- Suitable for all diesel applications, including power generation, marine, offshore and emergency services
- Safe, reliable starting, even in the most extreme conditions
- Space saving, 'small footprint', with more output per square metre
- Easy installation, reduced maintenance, lower total cost of ownership
- Global service and support network, as part of the Gardner Denver High Pressure Division

## Space saving, cost saving

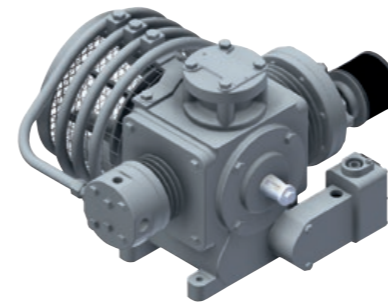
With a wide choice of water and air cooled compressors, Reavell offers a high quality air start solution for every industrial diesel engine.

Whatever the technology, we aim to deliver the highest possible flow rate from the most compact equipment possible. Giving you more space for equipment or maintenance, and lower transportation and installation costs. For example, the Reavell 5209 provides 19% more air, but with a 25% smaller footprint and 29% less weight than competitor products – saving valuable space and improving accessibility.

In fact, with Reavell compressors, easy maintenance is built in. Across our range, critical operations such as valve servicing can be carried out with a single tool, and by removing just a single component. By eliminating unnecessary complexity, the cost of servicing is significantly reduced, equipment is up and running more quickly, and expensive downtime is minimised.

Greater air output from a 25% smaller footprint than the closest competitor

## Air Cooled



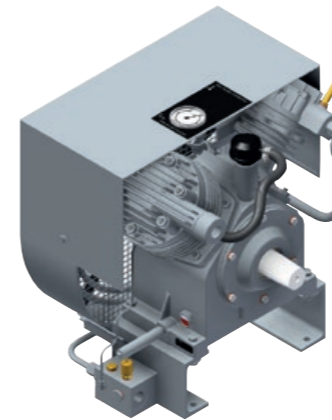
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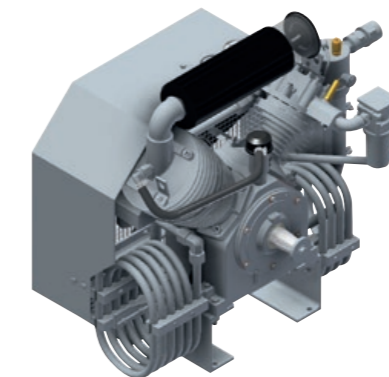
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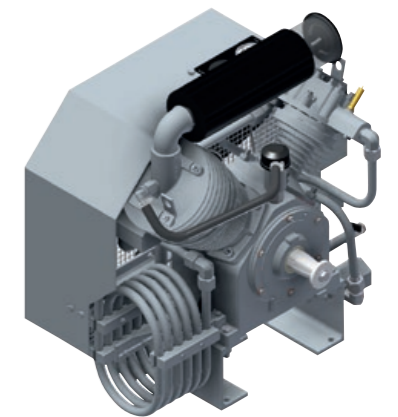
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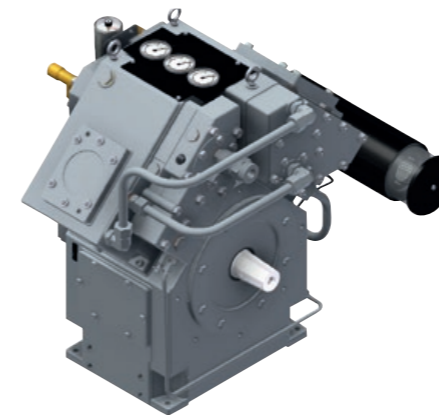


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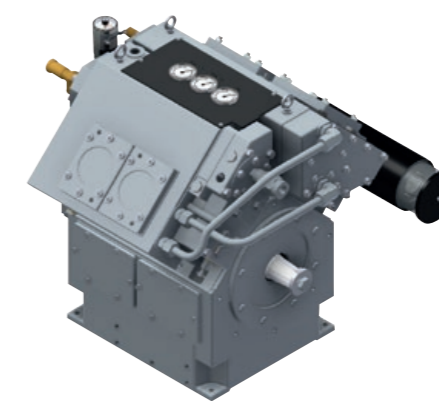


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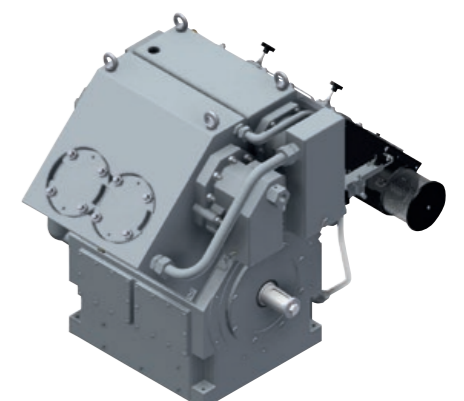
## Water Cooled



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^ 5217



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# The complete start

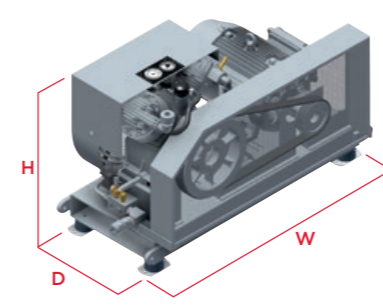
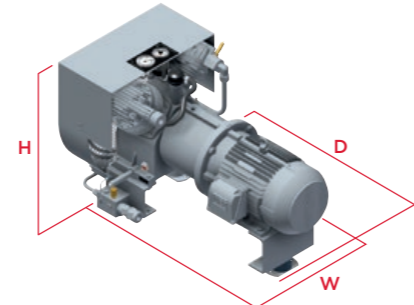
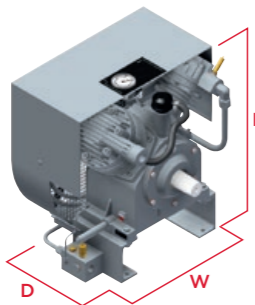
Find your Reavell air start solution

Model Number	Block Only			Motor Power at Maximum Performance kW	Speed		Delivery Pressure		Direct Drive						Belt Drive		Final Separator	
	Bare Shaft	Direct Drive Flywheel	Belt Drive Flywheel		Min rpm	Max rpm	Min barG	Max barG	50 Hz			60 Hz			Min Speed	Max Speed		
									750 rpm	1000 rpm	1500 rpm	900 rpm	1200 rpm	1800 rpm				
<b>AIR COOLED</b>																		
5204	●	●	●	2.2	600	1500	16	40	3.5	4.7	7.0	4.2	5.6	-	2.8	>	7.0	○
5205	●	●	●	4	600	1500	16	40	7.1	9.5	14.3	8.6	11.4	-	5.7	>	14.3	○
5207	●	-	●	7.5	750	1700	16	40	-	-	-	-	-	-	11.5	>	24.4	○
5209	●	●	●	11	1000	1800	16	40	-	23.9	34.0	21.4	28.5	40.3	23.9	>	40.3	○
5211	●	●	●	15	750	1800	20	45	23.6	31.5	46.9	28.1	37.5	56.4	23.6	>	56.4	●
5213	●	●	●	15	750	1800	16	31	26.3	35.0	52.3	31.3	41.7	63.3	26.3	>	63.3	●
<b>WATER COOLED</b>																		
5212	●	●	●	15	750	1800	10	35	22.1	29.5	44.3	26.5	38.3	57.4	22.1	>	57.4	●
5217	●	●	●	30	750	1800	10	40	51.7	68.9	103.4	59.6	79.5	124.5	51.7	>	124.5	●
5236	●	●	●	75	750	1800	10	40	122.5	163.3	241.3	148.3	194.3	288.6	122.5	>	288.6	●

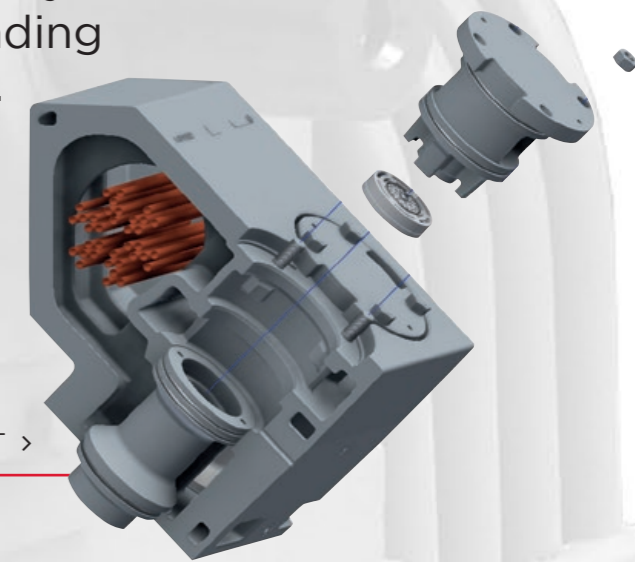
Standard document pack including GA, P&ID, Manual, Test Certificate and Certificate of Conformance.  
3rd party hydrostatic and performance testing available on request.  
All models suitable for industrial and marine use. Condensate system available on all models.  
Diesel engine drive available on all models.  
Water valve, water pump, air blast radiator and sea water heat exchanger available on water cooled models.

- AVAILABLE AS STANDARD
- OPTIONAL EXTRA
- NOT AVAILABLE

Model Number	Nominal Dimensions											
	Bare Block				Direct Drive				Belt Drive			
	H (mm)	W (mm)	D (mm)	Mass (kg)	H (mm)	W (mm)	D (mm)	Mass (kg)	H (mm)	W (mm)	D (mm)	Mass (kg)
<b>AIR COOLED</b>												
5204	265	430	320	26	340	480	950	102	-	-	-	-
5205	330	530	390	45	430	535	970	140	-	-	-	-
5207	540	520	370	65	-	-	-	-	680	1025	540	275
5209	540	520	470	86	595	625	1045	210	905	1200	625	300
5211	750	635	500	125	825	860	1230	320	875	1430	760	420
5213	750	635	500	118	810	660	1140	330	750	1280	800	420
<b>WATER COOLED</b>												
5212	770	850	645	380	770	860	1220	500	790	1310	715	630
5217	810	860	810	464	770	860	1470	680	770	1290	870	731
5236	1020	1230	990	1100	1050	1210	1800	1400	1065	1760	970	1400



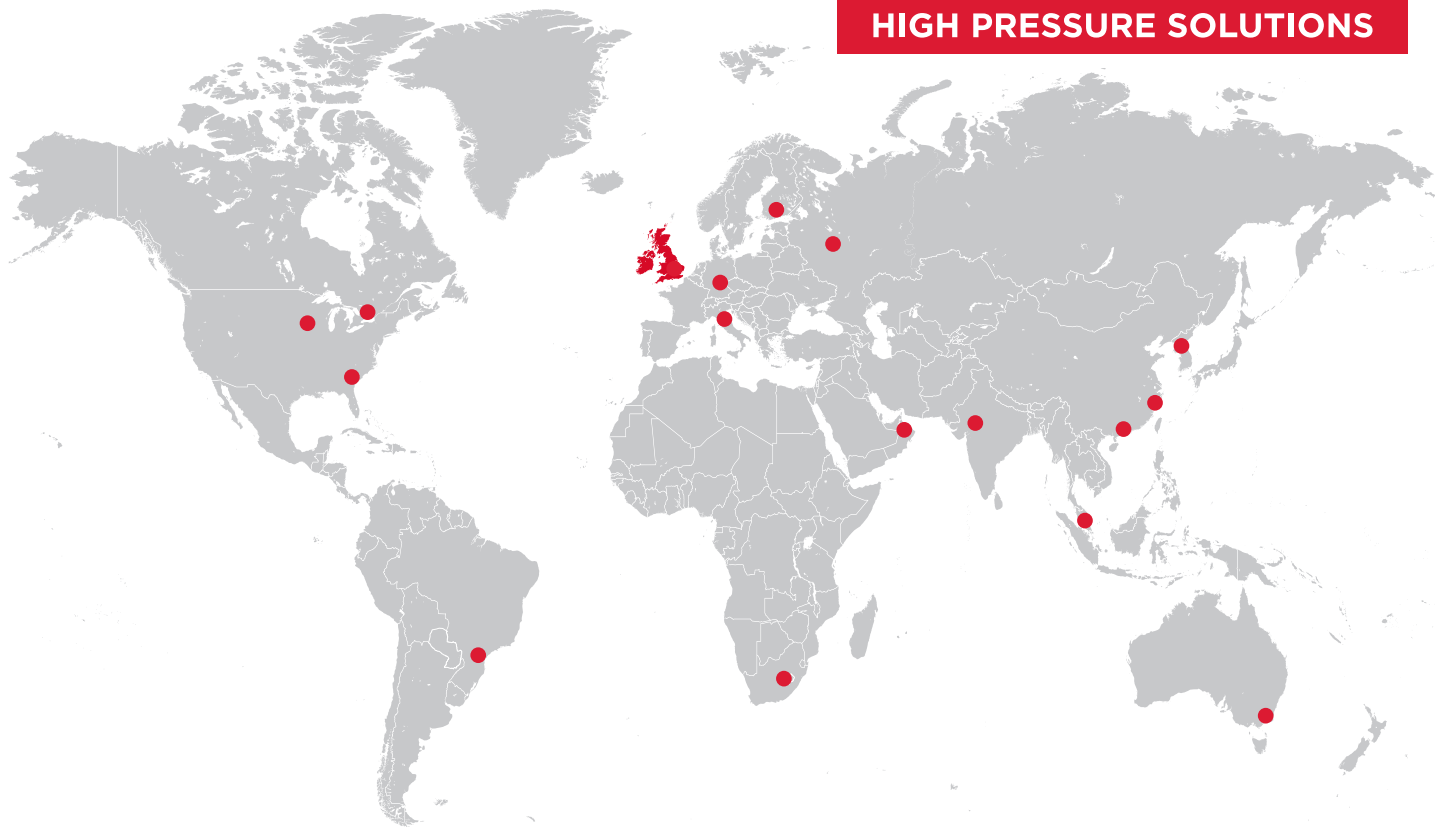
Compact size, outstanding power-to-weight, and low maintenance – Reavell air start compressors are superbly engineered for outstanding all-round performance.



SINGLE TOOL VALVE REPLACEMENT >

# Gardner Denver

HIGH PRESSURE SOLUTIONS



## Global Expertise

For more information about the Gardner Denver High Pressure compressor ranges please contact your local Gardner Denver Sales & Service Centre, or see below for details of our High Pressure Centre of Excellence.

### Gardner Denver Ltd

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For additional information please contact Gardner Denver or your local representative.

Specifications subject to change without notice.