

Air receivers

Volumes 90 – 10,000l



Air receivers

One-stop shop

In fulfilling their storage and buffer functions, air receivers play a key role within a compressed air station: they provide capacity during periods of peak demand and are often used to separate condensate from the compressed air. Therefore it is important for receivers to be correctly sized for the specific system and to be resistant against corrosion. Inspection intervals should also be as long as possible. Needless to say, air receivers from KAESER KOMPRESSOREN meet all of these requirements and more.

Comprehensive selection

Whether 90 or 10,000 litres, 11, 16, 45 or 50 bar, all KAESER compressed air receivers are designed and manufactured to the highest quality standards to ensure exceptional safety and durability. You only get genuine KAESER quality with genuine KAESER air receivers. Moreover, they are exceptionally corrosion resistant and guarantee perfect sealing. This is due to a combination of the precision thread finishing process that takes place following galvanisation, and the extensive protection measures that are taken during transportation.

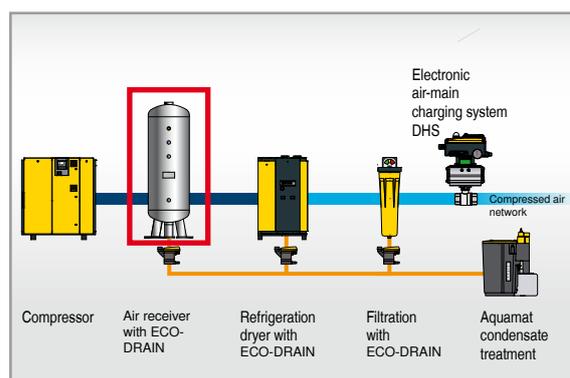
Inspection intervals up to five years

Meticulous design, including thicker walls in accordance with AD 2000 regulations, enables long inspection cycles of up to five years. This not only reduces inspection costs, but also increases compressed air efficiency and availability.

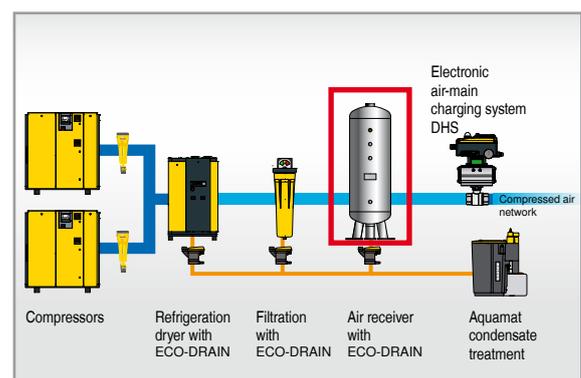
Perfectly matched accessories

KAESER accessory sets are especially tailored to meet the exact needs of the specific application. Ensuring maximum convenience, they include quality components such as ball valves, pressure relief valves, pressure gauges, drain taps, gaskets, fittings and associated smaller components. For added peace-of-mind regarding compliance with wastewater and environmental regulations, electronic-controlled condensate drains are available as complete sets, including connection components that are matched to the specific air receiver.

Installation upstream from compressed air treatment



Installation downstream from compressed air treatment



**No leaks,
no worries!**

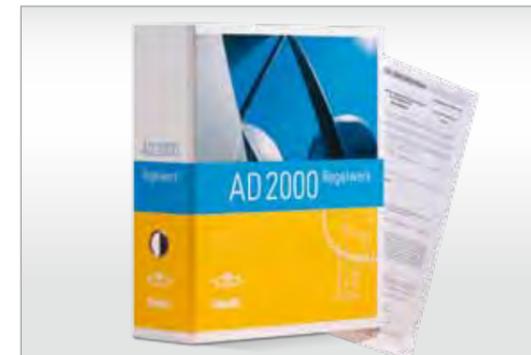


Vertical air receiver, hot-dip galvanised



Air receivers

Dependable, durable, reliable



Inspection intervals up to five years

Meticulous design in accordance with AD 2000 regulations enables 5-year inspection cycles. This not only reduces inspection costs, but also increases compressed air efficiency and availability.



Optimal corrosion resistance

All KAESER air receivers are hot-dip galvanised both internally and externally in accordance with DIN EN ISO 1461, which means they last approximately three times longer than conventional models.



Excellent maintenance access

Cleaning, maintenance and receiver inspection tasks are made simple thanks to generously sized access openings. Efficiency is further enhanced as a result.



Installation-ready

The threads on all KAESER air receivers are precision finished directly after the galvanisation process to enable quick, reliable installation.

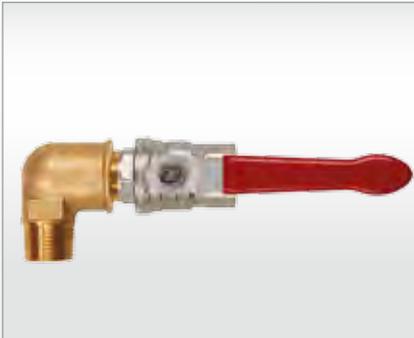
Technical Specifications

Air receiver volume	Max. permitted working pressure	Available versions		Vertical				Horizontal				
		Litres	bar	Vertical	Horizontal	Height mm	Ø mm	Inlet/outlet connections	Weight kg	Length mm	Ø mm	Inlet/outlet connections
90	11	Yes	—	1160	350	2 × G ½ rear	37	—	—	—	—	—
150	11 16	Yes	Yes	1190	450	2 × G ¾ rear	60	1050	450	2 × G 2	55	85
							67					
250	11 16	Yes	Yes	1540 1545	500	2 × G ¾ rear	84	1410 1410	500	2 × G 2	84	100
							100					
350	11 16	Yes	Yes	1810	550	2 × G 1 rear	100	1630 1640	550	2 × G 2	101	164
							150					
500	11 16	Yes	Yes	1925 1918	600	2 × G 1 rear	110	1780	600	2 × G 2	130	208
							210					
900	11	Yes	—	2170	800	2 × G 2; 2 × G 1½	238	—	—	—	—	—
							420					
1000	11 16	Yes	Yes	2265 2255	800	2 × G 1½; 2 × G 2	244	2150 2140	800	G 2; 1 × G 1½	240	360
							267					
2000	11 16	Yes	Yes	2375 2490	1150 1100	4 × G 2½	470	2180	1150	2 × G 2	470	600
							500					
3000	11 16	Yes	Yes	2705 2845	1250	4 × G 2½	680	2610 3040	1250 1150	2 × G 2½ 2 × G 2	680	810
							850					
5000	11 16	Yes	Yes	3570	1400	4 × DN 100	1400	3470 3700	1400	4 × DN 100	1100	1800
							1430					
8000	11 16	Yes	Yes	4400	1600	4 × DN 200	1680	4440 4400	1600	4 × DN 200	1850	2350
							2350					
10000	11 16	Yes	Yes	5415	1600	4 × DN 200	2260	5400 5440	1600	4 × DN 200	2200	2650
							2540					

Complete connection sets

Made-to-fit connection sets comprising:

ball valve, pressure relief valve, pressure gauge, drain tap, gaskets and associated smaller components.



Shut-off valve



Test flange



Pressure gauge



Pressure relief valve

ECO DRAIN complete sets

Electronically-controlled condensate drains ensure exceptional performance.

Available as a complete set, includes attachments matched to air receiver.



ECO DRAIN 30

KAESER – The world is our home

As one of the world's largest manufacturers of rotary screw compressors, KAESER KOMPRESSOREN is represented throughout the world by a comprehensive network of branches, subsidiary companies and authorised partners in over 100 countries.

With innovative products and services, KAESER KOMPRESSOREN's experienced consultants and engineers help customers to enhance their competitive edge by working in close partnership to develop progressive system concepts that continuously push the boundaries of performance and compressed air efficiency. Moreover, the decades of knowledge and expertise from this industry-leading system provider are made available to each and every customer via the Kaeser group's global computer network.

These advantages, coupled with KAESER's worldwide service organisation, ensure that all products operate at the peak of their performance at all times and provide maximum availability.

