KAESER COMPRESSORS®

Air Receivers

Volumes 90 – 10,000 l

www.kaeser.com

Air receivers

In fulfilling their storage and buffer functions, air receivers play a key role within a compressed air station: they even out consumption peaks, minimise switching frequency and, as a result, increase compressor service life and efficiency. They also often separate condensate from the compressed air. It is therefore 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

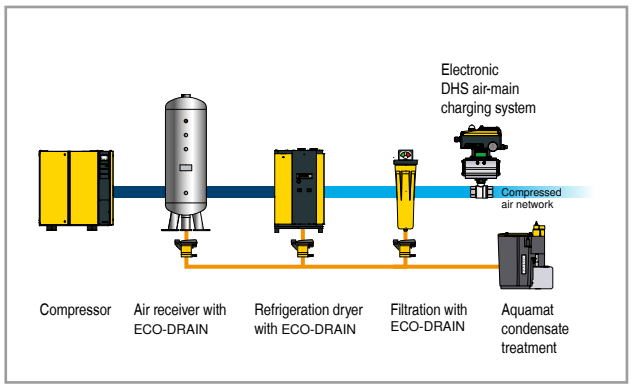
Meticulous design, including thicker walls in accordance with AD 2000 regulations, enables long inspection cycles of up to five years. This not only reduces service and maintenance costs, but also increases compressed air efficiency and availability.

Perfectly matched accessories

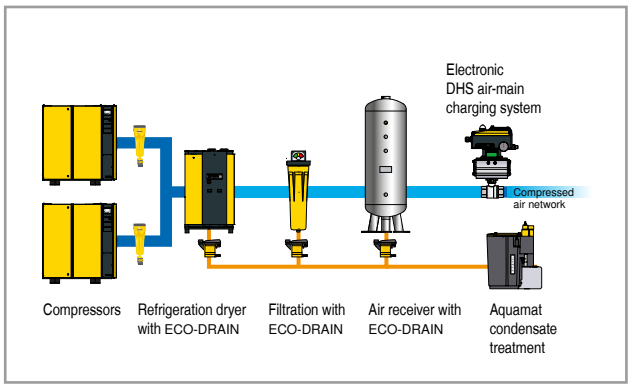
KAESER accessory sets are especially tailored to meet the exact needs of the particular application. Ensuring maximum convenience, they include quality components such as ball valves, safety valves, pressure gauges, drain valves, seals, fittings and associated smaller components. For added peace of mind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

Installation...

...upstream from compressed air treatment



...downstream from compressed air treatment



There’s no question:
They last longer.

Vertical air receiver, hot-dip galvanised

Quality you can rely on

Inspection intervals up to five years

Meticulous design in accordance with AD 2000 regulations enables 5-year inspection cycles. This not only reduces service and maintenance 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 air receivers.

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.

Accessories: Valves, pressure gauges and condensate drains

Complete connection sets

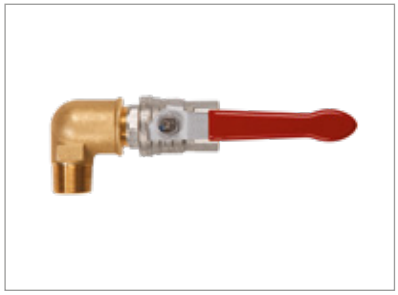


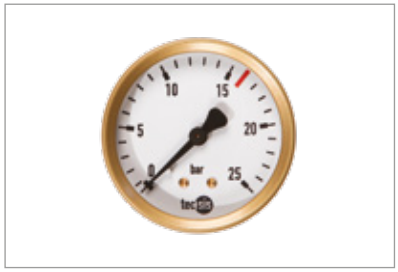
Image: Ball valve

Image: Safety valve

Made-to-fit connection sets comprising:

- Ball valve
- Safety valve
- Drain valve
- Seals and small parts

Complete pressure gauge sets



Test connection on shut-off valve must be selected:

- With shut-off valve (metric 20 x 1.5)
- With shut-off valve (diameter 40 x 5)
- With shut-off valve (flange 60 x 25)

Complete ECO-DRAIN sets

- Electronically controlled condensate drain for enhanced reliability
- Available as a complete set, including mounting parts matched to your air receiver

Technical specifications

Air receiver volume	Max. permissible gauge pressure	Available versions		Vertical				Horizontal			
Litres	bar	Vertical	Horizontal	Height mm	Width mm	Inlet/outlet ports	Weight kg	Length mm	Width mm	Inlet/outlet ports	Weight kg
90	11 47	Yes	—	1160 1236	350 355	2 × G ½ rear	37 125	—	—	—	—
150	11 16	Yes	Yes	1190	450	2 × G ¾ rear	60 67	1050 1346	450 400	2 × G 2	55 75
250	11 16	Yes	Yes	1540 1545	500	2 × G ¾ rear	84 100	1410 1410	500	2 × G 2	84 100
	47		—	1600	500	2 × G 1 rear	250	—	—	—	—
350	11 16	Yes	Yes	1770 1810	550	2 × G 1 rear	100 150	1630 1640	550	2 × G 2	101 164
500	11 16	Yes	Yes	1925 1918	600	2 × G 1 rear	130 210	1780 1776	600	2 × G 2	130 208
	47		—	1950			500	—	—	—	—
900	11	Yes	—	2170	800	2 × G 2; 2 × G 1½	238	—	—	—	—
1000	11 16	Yes	Yes	2265 2265	800	2 × G 1½; 2 × G 2	244 356	2150 2160	800	G 2; 1 × G 1½	240 360
	45			2255		4 × G 1½	670	—	—	—	—
2000	11 16	Yes	Yes	2375 2510	1150 1100	4 × G 2½	470 500	2180	1150	2 × G 2	470 600
	47		—	2420	1100	4 × DN 80	1450	—	—	—	—
3000	11 16	Yes	Yes	2705 2790	1250	4 × G 2½	683 850	2610 3040	1250 1150	2 × G 2½ 2 x G 2	683 810
5000	11 16	Yes	Yes	3570	1400	4 × DN 100	1050 2100	3470 3700	1400	2 × DN 100	1100 1800
8000	11 16	Yes	Yes	4400	1600	4 × DN 200	1850 2350	4440 4400	1600	4 × DN 200	1850 2350
10000	11 16	Yes	Yes	5415	1600	4 × DN 200	2260 2540	5400 5440	1600	4 × DN 200	2200 2650

The world is our home

As one of the world's largest manufacturers of compressors, blowers and compressed air systems, KAESER KOMPRESSOREN is represented throughout the world by a comprehensive network of wholly owned subsidiaries and authorised distribution partners in over 140 countries.

By offering innovative, efficient and reliable products and services, KAESER KOMPRESSOREN's experienced consultants and engineers work in close partnership with customers to enhance their competitive edge and to develop progressive system concepts that continuously push the boundaries of performance and technology. Moreover, decades of knowledge and expertise from this industry-leading systems provider are made available to each and every customer via the KAESER group's advanced global IT network.

These advantages, coupled with KAESER's worldwide service organisation, ensure that every product operates at the peak of its performance at all times, providing optimal efficiency and maximum availability.

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P-775ED Specifications subject to change without notice. .16/23