

COMPRAG®

positive displacement



#2

COMPRESSED AIR STORAGE
AIR RECEIVERS
RV-series

AIR RECEIVERS RV-series

The dimensions of air receivers are determined according to the compressor's capacity and the compressed air consumption. The air receivers are also used in designing a storage capacity.

The compressed-air consumption can be intermittently covered by the storage capacity. The stored compressed-air capacity is used to offset fluctuations in the system when compressed air is drawn and to cover peak demand.

Features

- Reduced occurrence of regime change reduces wear of the compressor screw block, electric motor and drive system.
- Significant energy savings. The greatest amount of energy is consumed by frequent regime changes of the compressor.
- The large volume of compressed air stored in Air Receivers RV acts as a buffer against pressure fluctuations induced by increasing the number of consumers.
- Separation of condensate. A large surface area of the air receiver helps cool the compressed air and condenses the vapor in the air.

Available in two executions:

- Powder coated RAL7015, outer;
- Hot galvanized, outer/internal.



Safety valves



For safe operation of air receivers it is necessary to use an appropriate safety valve which is adapted to the compressor used and the pressure of the air line. Comprag delivers safety valves for the entire compressor programme.

General information

Table of models RV-series

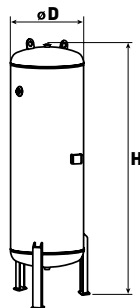
Article	Model	Air receiver capacity (Liter)	Max. working pressure (bar)	Screw connection
Powder coating RAL 7015, outer				
13100102	RV-500-P-11	500	11	1.1/4"
13100112	RV-1000-P-11	1000	11	1.1/2"
13100113	RV-1500-P-11	1500	11	2"
13100114	RV-2000-P-11	2000	11	2"
13100115	RV-3000-P-11	3000	11	2"
Hot galvanized, outer/internal				
13100211	RV-500-G-11	500	11	1.1/4"
13100212	RV-1000-G-11	1000	11	1.1/2"
13100213*	RV-1500-G-11	1500	11	2"
13100214*	RV-2000-G-11	2000	11	2"
13100215*	RV-3000-G-11	3000	11	2"

* Non-stock item, delivery time on request

Receiver accessories

Article	Model
21720003	Safety valve, CE certified, 11bar, G 3/8", air flow discharge 5m ³ /min
21720004	Safety valve, CE certified, 11bar, G 1/2", air flow discharge 8m ³ /min
21720002	Safety valve, CE certified, 11bar, G 3/4", air flow discharge 12m ³ /min
21720001	Safety valve, CE certified, 11bar, G 1", air flow discharge 16m ³ /min
51202001	Pressure gauge 0-16 bar, Ø100mm, backside connection G1/2"

Dimensions RV Air receivers



Model	Height H (mm)	Diameter Ø D (mm)	Weight (kg)
RV-500-...-11	2100	600	142
RV-1000-...-11	2200	850	180
RV-1500-...-11	2310	1000	260
RV-2000-...-11	2380	1150	340
RV-3000-...-11	2540	1400	600

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