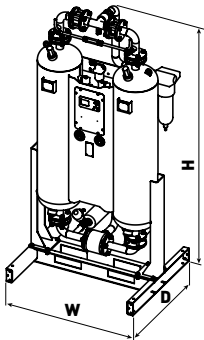


## Technical data adsorption dryer ADX-F-PDP

Article	Model	Air flow* (m <sup>3</sup> /min)	Pre-filters	After-filters	Max. working pressure (bar)	Screw connection	Rated voltage (Phase/V/Hz)
14400301	ADX-20-F-PDP	2,00	AF-047/EL-047S	AF-047/EL-047P	10	G 1"	1/230/50
14400302	ADX-30-F-PDP	3,00	AF-047/EL-047S	AF-047/EL-047P	10	G 1"	1/230/50
14400303	ADX-40-F-PDP	4,00	AF-072/EL-072S	AF-072/EL-072P	10	G 1.1/4"	1/230/50
14400304	ADX-50-F-PDP	5,00	AF-072/EL-072S	AF-072/EL-072P	10	G 1.1/4"	1/230/50
14400305	ADX-70-F-PDP	7,00	AF-085/EL-085S	AF-085/EL-085P	10	G 1.1/2"	1/230/50
14400306	ADX-90-F-PDP	9,00	AF-085/EL-085S	AF-085/EL-085P	10	G 1.1/2"	1/230/50
14400307	ADX-125-F-PDP	12,50	AF-148/EL-148S	AF-148/EL-148P	10	G 2"	1/230/50
14400308	ADX-160-F-PDP	16,00	AF-148/EL-148S	AF-148/EL-148P	10	G 2"	1/230/50
14400309	ADX-200-F-PDP	20,00	AF-240/EL-240S	AF-240/EL-240P	10	G 2.1/2"	1/230/50
14400310	ADX-250-F-PDP	25,00	AF-240/EL-240S	AF-240/EL-240P	10	G 2.1/2"	1/230/50

\*Measured according to ISO 7183

## Dimensions of ADX-F-PDP



Model	Height H (mm)	Width W (mm)	Depth D (mm)	Weight (kg)
ADX-20-F-PDP	1220	800	600	95,0
ADX-30-F-PDP	1500	800	600	116,0
ADX-40-F-PDP	1850	800	800	185,0
ADX-50-F-PDP	2130	800	800	215,0
ADX-70-F-PDP	1950	1040	800	260,0
ADX-90-F-PDP	2200	1040	800	320,0
ADX-125-F-PDP	2320	1275	1000	520,0
ADX-160-F-PDP	2320	1320	1000	590,0
ADX-200-F-PDP	2320	1430	1000	750,0
ADX-250-F-PDP	2630	1430	1000	840,0

## 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.

### In standard delivery included:

- Pressure gauge
- Safety valve
- Drain ball valve



Pictured: RV-500, RV-900

### SV safety valves



### Choosing the correct size of air receiver

Size is determined by the capacity of the compressor and the compressed air consumption profile. Comrag recommends dimensioning your air receiver according to the following table:

Compressor power (kW)	Air receiver capacity (Liter)
7,5-11	270
15-22	500
Mehr als 30	900 (one or several)

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. Comrag delivers SV safety valves for the entire compressor programme.