FARGON

Compressed Air Receivers

FRV series – standard line

Compressed air receivers

The compressed air tanks FARGON FRV series are designed to:
- Store the compressed air to ensure supply during times of peak consumption in the system;
- Allow the optimization of the operation of compressors;
- Stabilize the pressure of compressed air network, avoiding large oscillations and pulsations;
- Separating and removing the condensate formed

HOW TO SELECT THE PROPER RECEIVER ?

For selection of a compressed air receiver, we should consider the following items:

1. VOLUME OF RECEIVER
There are several formulas for selecting the size (storage volume) of the receiver due to the existing facility.
Below is a simple rule and practice;

A. Raise the total flow of supply of compressors in the installation (in m³ / min)

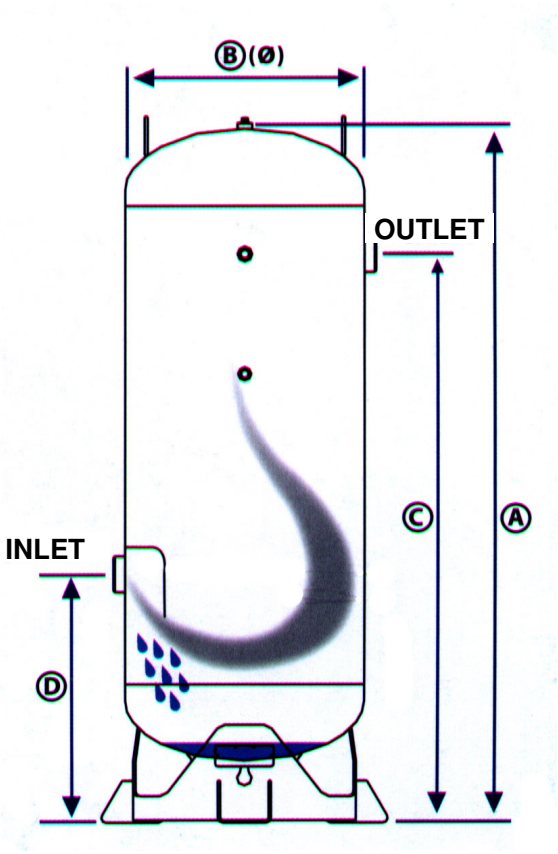
B. Consider the volume of the reservoir as 10-20% of the total system throughput (10 to 20% x total flow in m³/min = volume of the receiver in m³)

2. MAXIMUM OPERATING PRESSURE TANK
Must be specified to design the mechanical part and system accessories

3. RECEIVER ACCESSORIES
We must select the accessories to be supplied with the tank such as:
- Pressure gauge;
- Manual or automatic drain;
- Safety Valve;
- Pressure control;
- Nozzle inspection, etc.

note: some of the above accessories are required in accordance with ASME sec. VIII - Div. 1

LAY OUT



The layout above is just illustrative and may be changed depending on model and accessories selected by the customer

CHARACTERISTICS OF FARGON RECEIVERS

- ✓ Manufacturing Standard: ASME sec. VIII - Div. 1 / NR-13
- ✓ Nozzle inspection on all models
- ✓ Supplied with Data-book
- ✓ Optional: painting according to customer's specification, identification plate, stainless steel, etc.

SELECTION TABLE

Model	Volume (liters)	Maximum Operation Pressure (bar / psi)	Basic dimensions (mm) Weight (kg)					Connections		Inspection Nozzle
			A	Ø B	C	D	Peso	entrada	saída	
FRV 220	220	12 / 175	1450	492	1189	519	106	luva 2" BSP	luva 2" BSP	luva 2"
FRV 500	500	12 / 175	2016	568	1741	798	162	luva 2" BSP	luva 2" BSP	luva 2"
FRV 1000	1000	9 / 130	2572	760	1893	893	260	luva 2" BSP	luva 2" BSP	luva 2"
FRV 1000	1000	13 / 188	2588	763	1893	893	320	luva 2" BSP	luva 2" BSP	luva 2"
FRV 2000	2000	9 / 130	3087	965	2217	917	530	flange 4"	flange 4"	415 x 315 mm
FRV 2000	2000	13 / 188	3087	970	2217	917	640	flange 4"	flange 4"	415 x 315 mm

FARGON®
AIR TREATMENT SINCE 1963

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