



Air Receivers

Pneumatech offers receivers in a large variety of sizes and treatments to suit your needs. These can be used for compressed air or inert gases like nitrogen.

V Range -
Air & Nitrogen receivers

V Range - Air & Nitrogen receivers

Features and Benefits

- ▶ Available in variety of sizes and treatments to suit your needs
 - Painted vessels
 - Galvanized vessels
 - Vitrified vessels
- ▶ Equipped with connection kit as standard up to 3000 liters
 - Including pressure gauge, safety valves, and ball valves.
- ▶ Vitroflex vessels are 100% water and steam resistant

General Specifications

- ▶ Types: painted - galvanized - vitrified (Vitroflex)
- ▶ Max. pressure:
 - Standard range: 11 Bar(g)/ 160 psi(g)
Note: Each size will have different pressure rating.
Refer table for specific details
 - High pressure range:
16 Bar(g)/ 232psi(g)
- ▶ Volume:
 - 100 - 5000 liters for standard range
 - 500 - 5000 liters for high pressure range

Vessels have several functions: they stabilize pressure peaks and provide thus a stable air- or nitrogen flow; have a storage function in case of a high consumption; and help with the preliminary separation and removal of condensate.

Pneumatech offers a wide range of vessels capable of handling pressures up to 16 bar / 232 PSI. They are available in 3 types: painted, galvanized and vitrified. Painted vessels are generally used where receivers are not subjected to extreme weather conditions and perfectly clean air is not an absolute requirement. Galvanized vessels are used when there is a possibility of corrosion. Vitrified vessels (Vitroflex) are treated with vitreous enamel, which makes them 100% water and steam resistant.



Connection
Kit



Painted standard vessels

Variant	V100	V200	V270	V500	V720	V900	V1000	V1500	V2000	V3000	V4000	V5000
Capacity (L)	100	200	270	500	720	900	1000	1500	2000	3000	4000	5000
Pressure (bar)	11	11	11	11	10,8	11	12	11,5	11,5	11,5	11,5	11,5
Diameter Ø	370	446	500	600	750	800	800	1000	1000	1200	1450	1450
H tot (mm)	1172	1570	1668	2055	2030	2120	2315	2305	2805	2965	3070	3570
h (mm)	124	174	170	155	150	130	115	180	180	185	180	180
a	3/4"	1"	1"	1"	1"	1"1/2	2"	2"	2"	3"	3"	3"
b	3/4"	1"	1"	1"	1"	1"1/2	2"	2"	2"	3"	3"	3"
c	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/4"	3/4"	3/4"	3/4"	3/4"
d	3/8"	3/8"	n.d.	n.d.	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
e	1/2"	1/2"	1/2"	2"	2"	2"	2"	1"1/4	1"1/4	1"1/4	1"1/4	1"1/4
f	1/2"	1/2"	1/2"	2"	2"	2"	2"	1"1/4	1"1/4	1"1/4	1"1/4	1"1/4
l (mm)	298	397	599	775	895	860	745	590	595	700	780	780
m (mm)	998	1222	1304	1560	1705	1780	1685	1860	2355	2410	2430	2930
Kit type included	1	2	3	4	4	6	7	B	B	B	Not included	
Weight (kg)	37	51	62	127	180	200	204	278	352	537	802	923
Applicable directive	2014/29/EU						2014/68/EU (PED)					

Galvanized standard vessels

Variant	V100	V200	V270	V500	V720	V900	V1000	V1500	V2000	V3000	V4000	V5000
Capacity (L)	100	200	270	500	720	900	1000	1500	2000	3000	4000	5000
Pressure (bar)	11	11	11	11	10,8	11	11,5	11,5	11,5	11,5	11,5	11,5
Diameter Ø	370	430	500	600	790	790	790	1000	1000	1200	1450	1450
H tot (mm)	1229	1601	1685	2077	1863	2213	2345	2305	2805	2965	3070	3570
h (mm)	176	196	192	174	200	200	200	180	180	185	180	180
a	3/4"	3/4"	3/4"	1"1/2	1"1/2	2"	2"	2"	2"	3"	3"	3"
b	3/4"	3/4"	3/4"	1"1/2	1"1/2	2"	2"	2"	2"	3"	3"	3"
c	3/8"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
d	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
e	2"	1"1/4	1"1/4	1"1/4	1"1/4	1"1/4	1"1/4	1"1/4	1"1/4	1"1/4	1"1/4	1"1/4
f	2"	1"1/4	1"1/4	1"1/4	1"1/4	1"1/4	1"1/4	1"1/4	1"1/4	1"1/4	1"1/4	1"1/4
l (mm)	447	397	442	689	690	800	725	590	595	700	780	780
m (mm)	1055	1357	1422	1689	1440	1800	1725	1860	2355	2410	2430	2930
Kit type included	1	A	A	A	A	A	B	B	B	B	Not included	
Weight (kg)	40	55	66	143	184	209	224	306	387	591	882	1025
Applicable directive	2014/29/EU						2014/68/EU (PED)					

Vitroflex standard vessels

Variant	V100	V200	V270	V500	V720	V900	V1000	V1500	V2000	V3000	V4000	V5000
Capacity (L)	100	200	270	500	720	900	1000	1500	2000	3000	4000	5000
Pressure (bar)	N.A.	11	11	11	10,8	11	11,5	11,5	11,5	11,5	11,5	11,5
Diameter Ø	N.A.	430	500	600	790	790	790	1000	1000	1200	1450	1450
H tot (mm)	N.A.	1601	1685	2077	1863	2213	2345	2305	2805	2965	3070	3570
h (mm)	N.A.	196	192	174	200	200	200	180	180	185	180	180
a	N.A.	3/4"	3/4"	1"1/2	1"1/2	2"	2"	2"	2"	3"	3"	3"
b	N.A.	3/4"	3/4"	1"1/2	1"1/2	2"	2"	2"	2"	3"	3"	3"
c	N.A.	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
d	N.A.	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
e	N.A.	1"1/4	1"1/4	1"1/4	1"1/4	1"1/4	1"1/4	1"1/4	1"1/4	1"1/4	1"1/4	1"1/4
f	N.A.	1"1/4	1"1/4	1"1/4	1"1/4	1"1/4	1"1/4	1"1/4	1"1/4	1"1/4	1"1/4	1"1/4
l (mm)	N.A.	397	442	689	690	800	725	590	595	700	780	780
m (mm)	N.A.	1357	1422	1689	1440	1800	1725	1860	2355	2410	2430	2930
Kit type included	N.A.	A	A	A	A	A	B	B	B	B	not included	
Weight (kg)	N.A.	50	60	130	167	190	204	278	352	537	802	932
Applicable directive	2014/29/EU						2014/68/EU (PED)					



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