



Powder coating

External surface treatment: after the sandblasting process, the vessels are painted with electrostatic guns inside special booths. To complete the cycle, the vessels are conveyed to the polymerization oven through a chain conveyor belt.

On request it is possible to customize the coloring.

Vitroflex

Internal protection treatment: it has a high resistance to corrosive agents. The vessel first is subject to a cleaning pre-treatment, then an epoxy resin is applied by electrostatic guns, the process is completed in the oven at ~ 240° C. Vitroflex is a certified treatment according to the Ministerial Decree of March 21, 1973 and subsequent updates (CE D.M 174), suitable for contact with food substances and for personal use.

Hot dip galvanization

Internal and external treatment: particularly indicated when a strong protection against corrosion is required. High resistance to atmospheric agents, suitable for outdoor installation and in aggressive environments.

The galvanizing treatment is done by immersion for a fully protection of the internal and external surface. The galvanized vessels may present differences on color and appearance, in particular between bottom ends and shell. This doesn't affect the quality of the product in compliance with the UNI EN ISO 1461.





112-212

Serbatoi per aria compressa Compressed air vessels



La serie 112-212 include serbatoi per aria compressa collaudati e garantiti singolarmente. La progettazione, la costruzione con procedimenti di saldatura qualificati e la valutazione di conformità dei serbatoi è regolata dalle seguenti normative:

- Articolo 112: Direttiva Europea 2014/29/UE
- Articolo 212: Direttiva Europea 2014/68/UE PED



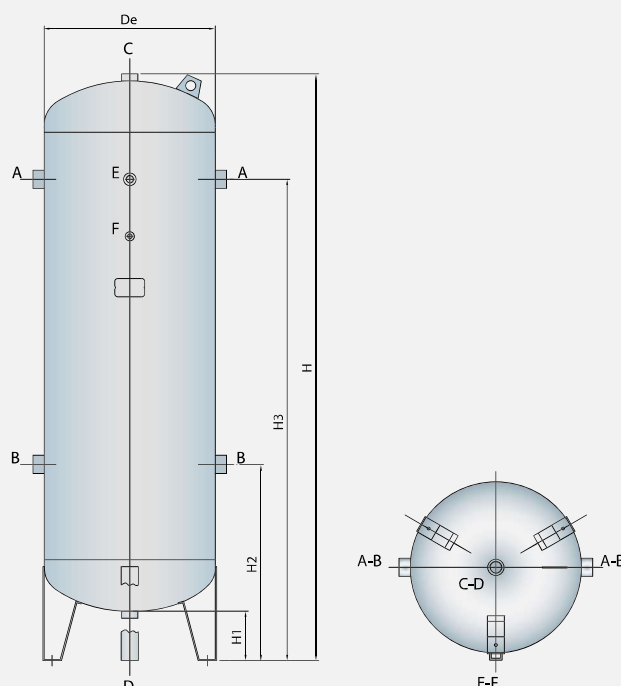
The 112-212 series are compressed air vessels products individually tested and guaranteed. The design, construction with approved welding procedures and assessment of vessels conformity are regulated by the following standards:

- Model 112: European Directive 2014/29/EU
- Model 212: European Directive 2014/68/EU PED

CARATTERISTICHE TECNICHE TECHNICAL DATA

Costruzione serbatoio <i>Vessel construction</i>	Acciaio al carbonio di elevata qualità <i>High quality carbon steel</i>	
Trattamento esterno <i>Outside treatment</i>	Verniciatura RAL 5015 / Zincatura a Bagno Caldo <i>PAINTED RAL 5015 / Hot Dip Galvanized</i>	
Trattamento interno <i>Internal treatment</i>	Zincatura a Bagno Caldo / Vitroflex <i>Hot Dip Galvanized / Vitroflex</i>	
Collaudo <i>Tested</i>	Art. 112 Collaudati CE 2014/29/UE - Art. 212 Collaudati 2014/68/UE PED <i>Model 112 Tested to 2014/29/EU - Model 212 Tested to 2014/68/EU PED</i>	
Serbatoio <i>Vessel</i>	112CE	Pmax 11 bar Tmin -10°C Tmax +120°C
	212PED	Pmax 8/11.5 bar Tmin -10°C Tmax +120°C
OPTIONAL	Aperture d'ispezione - 1000÷10000 lt: Passa mano 100x150 - 1500÷10000 lt: Passo uomo 300x400; kit di sicurezza per aria compressa <i>Inspection openings - 1000÷10000 lt: Hand hole - 1500÷10000 litres: Man hole 300x400; Safety kit for compressed air</i>	
Garanzia <i>Warranty</i>	2 anni <i>2 years</i>	

Disegno tecnico
Technical drawing



A-B Alimentazione aria
Air supply

E-F Servizio
Service

C Attacco valvola di sicurezza
Safety valve connection

D Scarico
Drain



Materiale: Acciaio al carbonio
Trattamento: Verniciatura esterna RAL 5015 /
Zincatura a bagno caldo interno ed esterno /
Vitroflex interno
Fluidi: Aria compressa / Azoto

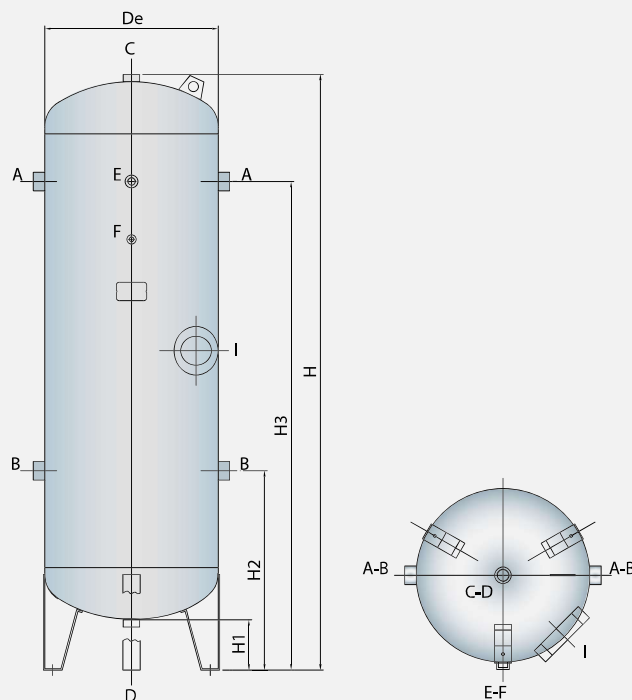


Material: Carbon steel
Coating: External painting RAL 5015 /
Hot Dip Galvanized internal and external /
Vitroflex on internal surface
Fluid: Compressed Air / Nitrogen

	DIMENSIONALE SIZES (mm)					CONNESSIONI CONNECTIONS				Peso Weight (Kg)
	De	H	H1	H2	H3	A-B	C-D	E	F	
112 verticale <i>vertical</i> 11 bar -10° +120° C 2014/29/EU										
200	430	1530	135	397	1280	3/4"	2"	3/4"	3/8"	50
270	500	1685	192	442	1422	3/4"	2"	3/4"	3/8"	60
500	600	2077	174	689	1689	1"1/2	1"1/4	3/4"	3/8"	130
725	790	1863	200	690	1440	1"1/2	1"1/4	3/4"	3/8"	167
900	790	2213	200	800	1800	2"	1"1/4	3/4"	3/8"	186



Disegno tecnico
Technical drawing



A-B Alimentazione aria
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I Apertura d'ispezione (solo su richiesta)
Inspection opening (only upon request)

***I** Apertura d'ispezione obbligatoria solo zincati
Inspection opening mandatory only for
galvanized vessels



Materiale: Acciaio al carbonio
Trattamento: Verniciatura esterna RAL 5015 /
Zincatura a bagno caldo interno ed esterno /
Vitroflex interno
Fluidi: Gruppo 1 e Gruppo 2 (escluso idrogeno)
Optional su richiesta: Passa mano 100x150,
Passo uomo 300x400



Material: Carbon steel
Coating: External painting RAL 5015 /
Hot Dip Galvanized internal and external /
Vitroflex on internal surface
Fluid: Group 1 and Group 2 (hydrogen excluded)
Optional on request: Hand hole 100x150,
Man hole 300x400

	DIMENSIONALE SIZES (mm)					CONNESSIONI CONNECTIONS				Obbligatorio per versione zincata Mandatory for galvanized vessels	Peso Weight (Kg)
	De	H	H1	H2	H3	A-B	C-D	E	F	*I	
212 verticale vertical 8 bar -10° +120° C 2014/68/EU PED											
4000	1450	3070	180	780	2430	3"	1"1/4	3/4"	3/8"	300x400	680
5000	1450	3570	180	780	2930	3"	1"1/4	3/4"	3/8"	300x400	810
6000	1450	4070	180	780	3430	3"	1"1/4	3/4"	3/8"	300x400	915
8000	1650	4135	145	820	3415	4"	1"1/4	3/4"	3/8"	300x400	1230
10000	1650	5135	145	820	4415	4"	1"1/4	3/4"	3/8"	300x400	1510
212 verticale vertical 11,5 bar -10° +120° C 2014/68/EU PED											
1000	790	2345	200	725	1725	2"	1"1/4	3/4"	3/8"	-	204
1500	1000	2305	180	590	1860	2"	1"1/4	3/4"	3/8"	-	278
2000	1000	2805	180	595	2355	2"	1"1/4	3/4"	3/8"	-	352
3000	1200	2965	185	700	2410	3"	1"1/4	3/4"	3/8"	-	537
4000	1450	3070	180	780	2430	3"	1"1/4	3/4"	3/8"	300x400	802
5000	1450	3570	180	780	2930	3"	1"1/4	3/4"	3/8"	300x400	932
6000	1450	4070	180	780	3430	3"	1"1/4	3/4"	3/8"	300x400	1057
8000	1650	4135	145	820	3415	4"	1"1/4	3/4"	3/8"	300x400	1352
10000	1650	5135	145	820	4415	4"	1"1/4	3/4"	3/8"	300x400	1694