

FILTER BOX

CONTENITORI IN ACCIAIO
PER CARTUCCE FILTRANTI

STAINLESS STEEL CONTAINERS
FOR FILTERING CARTRIDGES

ROSTFREIER EDELSTAHL
FÜR FILTER PATRONEN





MODELLO MODELS MODELL	MATERIALE MATERIAL	P ⁽¹⁾	DIMENSIONI / DIMENSIONS / MABANGABEN mm								C ⁽²⁾	ATTACCHI CONNECTIONS ANSCHLÜSSE				Q ⁽³⁾⁽⁴⁾	W ⁽⁵⁾
		Bar	A	B	C	D	E	F	G	H	N.	IN	OUT	DRAIN	Mc/h	Kg	
SMALL 10-3/4 SS316	SS316	15	135	340							1 x 10"	3/4"	3/4"	1/4"	3,5	2,7	
SMALL 20-3/4 SS316	SS316	15	135	600							1 x 20"	3/4"	3/4"	1/4"	3,5	3,9	
SMALL 30-3/4 SS316	SS316	15	135	872							1 x 30"	3/4"	3/4"	1/4"	3,5	5,1	
SMALL 10-1 SS316	SS316	15	135	340							1 x 10"	1"	1"	1/4"	3,5	2,7	
SMALL 20-1 SS316	SS316	15	135	600							1 x 20"	1"	1"	1/4"	3,5	3,9	
SMALL 30-1 SS316	SS316	15	135	872							1 x 30"	1"	1"	1/4"	3,5	5,1	
SMALL 05-1/2 OT58	SS304 - OT58	15	83	195							1 x 5"	1/2"	1/2"	1/4"	3,5	1,3	
SMALL 10-3/4 OT58	SS304 - OT58	15	135	338							1 x 10"	3/4"	3/4"	1/4"	3,5	3,0	
SMALL 20-3/4 OT58	SS304 - OT58	15	135	598							1 x 20"	3/4"	3/4"	1/4"	3,5	4,2	
SMALL 30-3/4 OT58	SS304 - OT58	15	135	870							1 x 30"	3/4"	3/4"	1/4"	3,5	5,5	
SMALL 10-1 OT58	SS304 - OT58	15	135	338							1 x 10"	1"	1"	1/4"	3,5	3,0	
SMALL 20-1 OT58	SS304 - OT58	15	135	598							1 x 20"	1"	1"	1/4"	3,5	4,2	
SMALL 30-1 OT58	SS304 - OT58	15	135	870							1 x 30"	1"	1"	1/4"	3,5	5,5	
MINI 168	SS304 / 316	8	200	587	355	195	291	455			3 x 10"	1" 1/2	1" 1/2	1/4"	13	7,5	
MIDI 168	SS304 / 316	8	200	857	355	195	291	455			3 x 20"	1" 1/2	1" 1/2	1/4"	13	10,5	
MAXI 168	SS304 / 316	8	200	1157	505	195	291	755			3 x 30"	1" 1/2	1" 1/2	1/4"	13	13	
SUPER MAXI 168	SS304 / 316	8	200	1357	505	195	291	755			3 x 40"	1" 1/2	1" 1/2	1/4"	13	15	
MINI 250	SS304 / 316	8	320	659	340	177	310	420			7 x 10"	2"	2"	1"	30	11,5	
MIDI 250	SS304 / 316	8	320	909	340	177	310	420			7 x 20"	2"	2"	1"	30	15	
MAXI 250	SS304 / 316	8	320	1159	340	177	310	420			7 x 30"	2"	2"	1"	30	18,5	
SUPER MAXI 250	SS304 / 316	8	320	1409	535	177	310	670			7 x 40"	3"	3"	1"	30	22	
MINI 292	SS304 / 316	8	365	709	435	175	350	570			12 x 10"	3"	3"	1"	50	18	
MIDI 292	SS304 / 316	8	365	959	435	175	350	570			12 x 20"	3"	3"	1"	50	23	
MAXI 292	SS304 / 316	8	365	1209	435	175	350	570			12 x 30"	3"	3"	1"	50	27	
SUPER MAXI 292	SS304 / 316	8	365	1459	660	175	350	820			12 x 40"	3"	3"	1"	50	31	
MINI 350	SS304 / 316	8	231	875	600	300	520	727			18 x 10"	DN100	DN100	1"	80	33	
MIDI 350	SS304 / 316	8	231	1105	600	300	520	727			18 x 20"	DN100	DN100	1"	80	39	
MAXI 350	SS304 / 316	8	231	1355	600	300	520	727			18 x 30"	DN100	DN100	1"	80	45	
SUPER MAXI 350	SS304 / 316	8	231	1605	724	300	520	977			18 x 40"	DN100	DN100	1"	80	49	
MINI 400	SS304 / 316	8	274	981	672	387	590	836			24 x 10"	DN100	DN100	1"	105	54	
MIDI 400	SS304 / 316	8	274	1231	672	387	590	836			24 x 20"	DN100	DN100	1"	105	67	
MAXI 400	SS304 / 316	8	274	1481	672	387	590	836			24 x 30"	DN100	DN100	1"	105	77	
SUPER MAXI 400	SS304 / 316	8	274	1731	797	387	590	1086			24 x 40"	DN100	DN100	1"	105	86	
MINI 450	SS304 / 316	8	300	991	672	370	590	836			27 x 10"	DN125	DN125	1"	120	67	
MIDI 450	SS304 / 316	8	300	1241	672	370	590	836			27 x 20"	DN125	DN125	1"	120	80	
MAXI 450	SS304 / 316	8	300	1491	672	370	590	836			27 x 30"	DN125	DN125	1"	120	92	
SUPER MAXI 450	SS304 / 316	8	300	1741	797	370	590	1086			27 x 40"	DN125	DN125	1"	120	102	

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MODELLO MODELS MODELL	MATERIALE MATERIAL	P ⁽¹⁾	DIMENSIONI / DIMENSIONS / MABANGABEN mm								C ⁽²⁾	ATTACCHI CONNECTIONS ANSCHLÜSSE				Q ⁽³⁾⁽⁴⁾	W ⁽⁵⁾
		Bar	A	B	C	D	E	F	G	H	N.	IN	OUT	DRAIN	Mc/h	Kg	
MIDI 508	SS304 / 316	8	327	1257	797	350	590	1086			36 x 20"	DN125	DN125	1"	150	96	
MAXI 508	SS304 / 316	8	327	1507	797	350	590	1086			36 x 30"	DN125	DN125	1"	150	110	
SUPER MAXI 508	SS304 / 316	8	327	1757	797	350	590	1086			36 x 40"	DN125	DN125	1"	150	122	
SUPER MAXI 600	SS316	8	376	1827	1126	437	691	1640	2234	973	47 x 40"	DN150	DN150	1"	210	157	
SUPER MAXI 700	SS316	8	426	1996	1264	543	829	1778	2464	1075	62 x 40"	DN200	DN200	1"	280	205	
SUPER MAXI 800	SS316	8	500	2015	1274	543	839	1788	2592	1193	90 x 40"	DN200	DN200	1"	410	295	
SUPER MAXI 900	SS316	8	581	2289	1529	676	1094	2043	2931	1361	113 x 40"	DN250	DN250	1"	495	359	
SUPER MAXI 1100	SS316	8	700	2184	1380	651	945	1894	2987	1623	144 x 40"	DN250	DN250	1"	655	557	
SUPER MAXI 1250	SS316	8	775	2244	1406	677	971	1920	3163	1788	185 x 40"	DN300	DN300	1"	810	585	
SUPER MAXI 1300	SS316	8	800	2185	1342	638	907	1856	3149	1866	210 x 40"	DN300	DN300	1"	900	620	

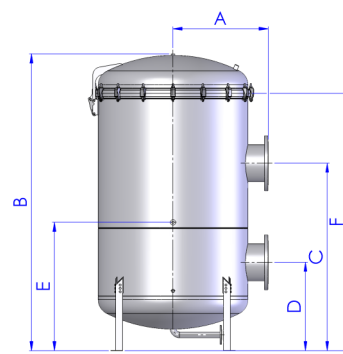
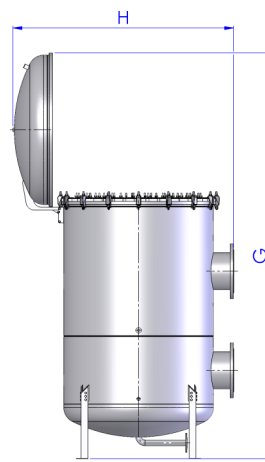
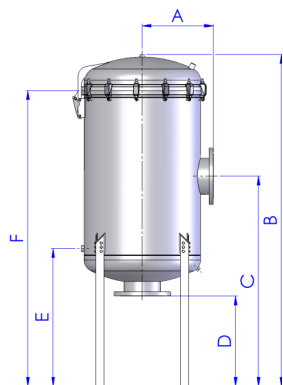
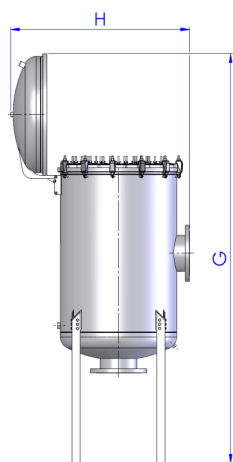
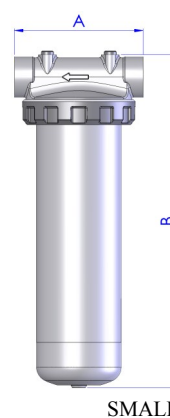
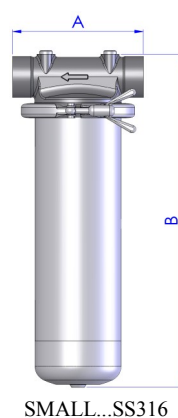
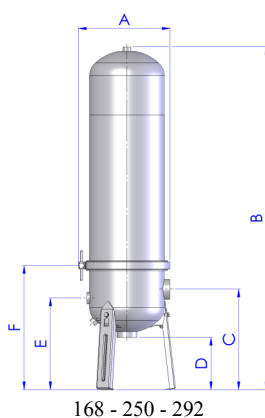
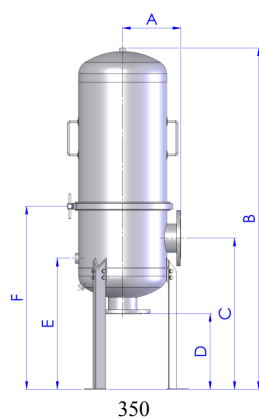
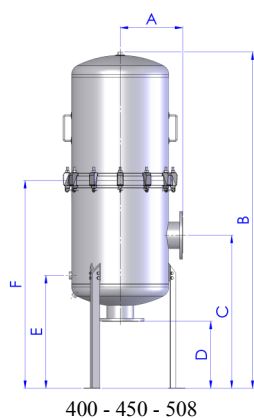
(1) Pressione max / Pressure max / Druck max

(2) Cartucce / Cartridges / Patronen

(3) Portata / Flow Rate / Belastung

(4) Portata senza cartucce. / Flow delivery without cartridges. / Durchfluss ohne patronen. Δp 0,2 Bar

(5) Peso / Weight / Gewicht



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BIG HOUSINGS

MODELLO MODELS MODELL	MATERIALE MATERIAL	p ⁽¹⁾	DIMENSIONI / DIMENSIONS / MABANGABEN mm								C ⁽²⁾	ATTACCHI CONNECTIONS ANSCHLÜSSE				Q ^{(3) (4)}	W ⁽⁵⁾
		Bar	A	B	C	D	E	F	G	H	N.	IN	OUT	DRAIN	Mc/h	Kg	
MINI 168 BIG	SS304 / 316	8	200	587	355	195	291	455			1 x 10''	1'' 1/2	1'' 1/2	1/4''	13	7,5	
MIDI 168 BIG	SS304 / 316	8	200	857	355	195	291	455			1 x 20''	1'' 1/2	1'' 1/2	1/4''	13	9,5	

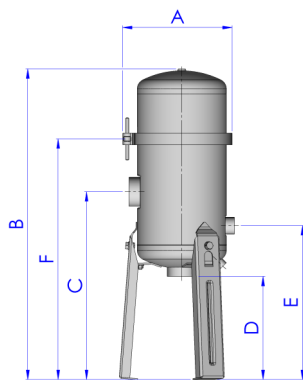
(1) Pressione max / Pressure max / Druck max

(2) Cartucce / Cartridges / Patronen

(3) Portata / Flow Rate / Belastung

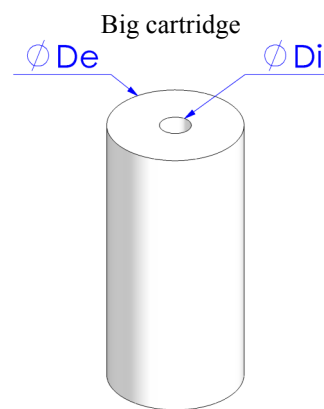
(4) Portata senza cartucce. / Flow delivery without cartridges. / Durchfluss ohne patronen. Δp 0,2 Bar

(5) Peso / Weight / Gewicht



BIG Housing

Dimensioni / Dimentions	
D _e	120
D _i	28



CORELESS HOUSING

MODELLO MODELS MODELL	MATERIALE MATERIAL	p ⁽¹⁾	DIMENSIONI / DIMENSIONS / MABANGABEN mm								C ⁽²⁾	ATTACCHI CONNECTIONS ANSCHLÜSSE				Q ⁽³⁾⁽⁴⁾	W ⁽⁵⁾
		Bar	A	B	C	D	E	F	G	H	N.	IN	OUT	DRAIN	Mc/h	Kg	
MIDI 219 CL	SS304 / 316	8	342	1138	562	360	194	992			1 x 20"	4" M	4" M	1/2"	50	19	
SUPER MAXI 219 CL	SS304 / 316	8	342	1638	562	360	194	992			1 x 40"	4" M	4" M	1/2"	50	26,5	

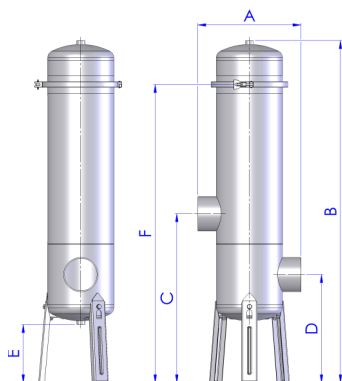
(1) Pressione max / Pressure max / Druck max

(2) Cartucce / Cartridges / Patronen

(3) Portata / Flow Rate / Belastung

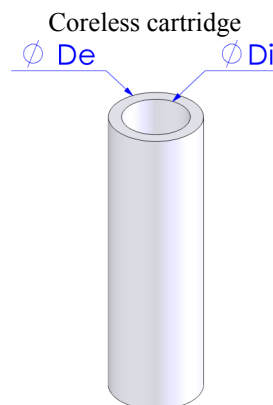
(4) Portata senza cartucce. / Flow delivery without cartridges. / Durchfluss ohne patronen. Δp 0,2 Bar

(5) Peso / Weight / Gewicht



Coreless Housing

Dimensioni / Dimentions	
D _e	6"
D _i	4" 1/2



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IMPIEGO

I contenitori "FILTER BOX" sono stati studiati e realizzati in modo da poter alloggiare al loro interno cartucce filtranti standard 10"- 20"- 30"- 40".

COSTRUZIONE

I contenitori "FILTER BOX" SMALL SS316 sono costruiti di serie con il corpo e la testa in AISI 316 ed hanno una chiusura tipo CLAMP. I contenitori "FILTER BOX" SMALL OT58 sono costruiti di serie con il corpo in AISI 304, la testa in OT58 nichelato ed hanno la chiusura con ghiera. Entrambi i contenitori "FILTER BOX" SMALL, sono staffabili e sono dotati sulla testata di attacchi per i manometri e lo sfiato di aria ed hanno di serie, sul contenitore, un attacco da 1/4" per lo spurgo dell'acqua. I contenitori "FILTER BOX" MINI-MIDI-MAXI e SUPERMAXI costruiti di serie in AISI 304 e su richiesta in AISI 316, possono contenere rispettivamente cartucce da 10"- 20"- 30"- 40" D.O.E. I modelli 168 - 250 - 292 - 350 - 508 - 600 - 700 - 800 - 1100 possono contenere rispettivamente 3, 7, 12, 18, 36, 47, 62, 90, 144 cartucce D.O.E. Su richiesta possiamo fornire i ns. "FILTER BOX" mod. MINI-MIDI-MAXI-SUPERMAXI idonei a contenere cartucce filtranti con attacchi O-ring 222. I contenitori "FILTER BOX" MINI-MIDI-MAXI e SUPERMAXI sono costituiti da due gusci, con fondi bombati stampati, in lamiera di acciaio inossidabile ed uniti per mezzo di due flange saldate, con interposta una guarnizione toroidale in elastomero. Le flange sono serrate da apposita chiusura tipo CLAMP o da una serie di CLAMPS in acciaio inox. All'interno del guscio inferiore è saldato un setto di separazione, in acciaio inossidabile, per il supporto e l'impacchettamento delle cartucce. I mod. MIDI, MAXI e SUPERMAXI vengono forniti di serie con opportuni sostegni in acciaio inossidabile per il centraggio interno delle cartucce. I contenitori sono muniti di n. 3 o 4 piedini di sostegno, manicotti o flange in entrata ed uscita, manicotti per sfiato e per manometri in entrata ed uscita, manicotto per drenaggio. Su richiesta è possibile verniciare internamente con smalto alimentare i contenitori "FILTER BOX". I contenitori "FILTER BOX", su richiesta, possono essere costruiti con attacchi diversi.

APPLICATIONS

"FILTER BOX" containers are designed and manufactured to contain 10"-20"-30"-40" standard filtering cartridges.

MANUFACTURE

"FILTER BOX" SMALL SS316 containers are mass-produced with AISI 316 bowl and head and are closed by a CLAMP system. "FILTER BOX" SMALL OT58 containers are mass-produced with AISI 304 bowl and nickel-plated OT 58 head and are closed by a ring nut. Both "FILTER BOX" SMALL containers may be supplied, with gauge connections on the head and air outlet on request, and are mass-produced with a 1/4" connection for water drainage. MINI-MIDI-MAXI-SUPERMAXI "FILTER BOX" containers, mass-produced in AISI 304 and, on request, in AISI 316, can hold respectively 10"- 20"- 30"- 40" D.O.E. cartridges. Models 168 - 250 - 292 - 350 - 508 - 600 - 700 - 800 - 1100 can hold respectively 3, 7, 12, 18, 36, 47, 62, 90, 144 D.O.E. cartridges. Our "FILTER BOX" models MINI-MIDI-MAXI-SUPERMAXI, suited for holding filtering cartridges with O-ring 222 connections, are available upon request. MINI-MIDI-MAXI and SUPERMAXI "FILTER BOX" containers consist of two shells with pressed convex bottoms in stainless steel plating, joined up by two welded flanges, with an elastomer toroidal gasket between them. Flanges can be tightened either by a suitable CLAMP device or by a series of CLAMP devices in stainless steel. Inside the lower shell there is a welded stainless steel baffle plate for supporting and packaging the cartridges. MIDI, MAXI, SUPERMAXI models are always supplied with appropriate stainless steel supports for centering cartridges internally. Containers are provided with No 3 - 4 supporting feet, inlet and outlet couplings or flanges, vent couplings, inlet and outlet gauges and drainage coupling. "FILTER BOX" containers can be painted internally with enamel paint for foodstuff containers on request. "FILTER BOX" containers can be produced with different connections on request.

ANWENDUNG

Die "FILTER BOX" Behälter sind entworfen und hergestellt worden, um Standard Filterpatronen von 10", 20", 30", 40" enthalten zu können.

BAU

Die "FILTER BOX" SMALL SS316 Behälter werden serienmäßig mit Kopf und Schlüssel aus AISI 316 hergestellt und besitzen einen CLAMP Verschluss. Die "FILTER BOX" SMALL OT58 Behälter werden serienmäßig mit Schlüssel aus AISI 304 und Kopf aus OT58 mit Nickelüberzug hergestellt und haben einen Sicherungsringverschluss. Beide "FILTER BOX" SMALL-Behälter sind einspannbar und am Kopf mit Anschlüssen für die Manometer und das Luftventil ausgestattet und haben serienmäßig an dem Behälter einen Anschluss zu 1/4" für die Wasserentleerung. Die "FILTER BOX" MINI-MIDI-MAXI und SUPERMAXI Behälter, die serienmäßig aus AISI 304 und auf Anfrage aus AISI 316 hergestellt werden, können D.O.E.-Patronen von 10", beziehungsweise von 20", 30", 40" enthalten. Die Modelle 168 - 250 - 292 - 350 - 508 - 600 - 700 - 800 - 1100 können jeweils 3, 7, 12, 18, 36, 47, 62, 90, 144 D.O.E.-Patronen enthalten. Auf Anfrage liefern wir unsere "FILTER BOX" Modelle MINI-MIDI-MAXI-SUPERMAXI dafür geeignet, Filterpatronen mit O-RING 222 Anschlüssen zu enthalten. Die "FILTER BOX" MINI-MIDI-MAXI und SUPERMAXI Behälter bestehen aus zwei Schalen mit gewölbten und gepressten Böden. Die Schalen sind aus Edelstahlblech und durch zwei geschweißte Flanschen miteinander verbunden mit einem dazwischenliegenden Toroid-Dichtungsring aus Elastomer. Die Flansche können durch einen entsprechenden CLAMP-Verschluss oder durch eine Reihe von CLAMP-Verschlüssen aus Edelstahl angezogen werden. In der unteren Schale ist eine Scheidewand aus Edelstahl geschweißt, die für die Unterstützung und für die Verpackung der Patronen gedacht ist. Die Modelle MIDI, MAXI und SUPERMAXI werden serienmäßig mit geeigneten Unterstützungen aus Edelstahl für die Innenzentrierung der Patronen ausgestattet. Die Behälter sind mit 3 oder 4 Unterstützungsfüßen, Ein- und Auslaßmuffen bzw. Flanschen, Entlüftungsmuffen und für Ein- und Ausführungsmanometer, Dränierungsmuffe ausgerüstet. Auf Wunsch kann die Innenseite der "FILTER BOX" Behälter mit lebensmitteltauglicher Emaille lackiert werden. Auf Anfrage können die "FILTER BOX" Behälter mit verschiedenen Verbindungen gebaut werden.

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POLYPROPYLENE FILTER CARTRIDGES

Tavola di flusso / Flow rate table

Flusso massimo approssimativo per cartucce standard da 10" con caduta di pressione iniziale di 0.2 bar.
Max. approx. flow rate for 10" std. cartridges with initial drop in pressure of 0.2 bar.

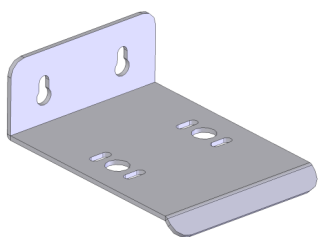
Grado di filtrazione in micron nominali Filtration degree in rated microns μm	Flusso H ₂ O per cartucce da 10" H ₂ O flow rate for 10" cartridges l/h	Flusso di fluidi per cartucce da 10" Fluid flow rate for 10" cartridges	
		25 CST-L/H	70 CST-L/H
1	1000	60	34
3	1000	80	50
5	1500	110	75
10	1500	250	110
20	2000	500	280
30	2000	600	400
50	2500	800	610
70	2500	1200	800
100	2500	1800	1000

PLEATED FILTER CARTRIDGES IN AISI 304 STAINLESS STEEL

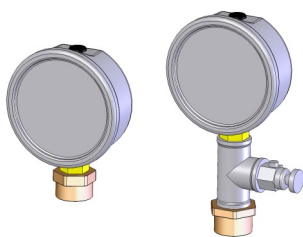
Tavola di flusso / Flow rate table

Flusso massimo approssimativo per cartucce standard da 10" con caduta di pressione iniziale di 0.2 bar.
Max. approx. flow rate for 10" std. cartridges with initial drop in pressure (clean cartridge) of 0.2 bar.

Grado di filtrazione in micron nominali Filtration degree in rated microns μm	Flusso H ₂ O per cartucce da 10" H ₂ O flow rate for 10" cartridges l/h
50	3000
110	3500
200	4500



Staffa per Filtro Small
U-strap for Filter Small



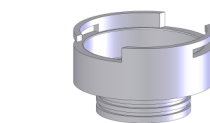
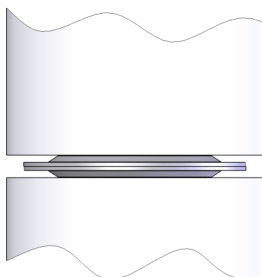
Kit Manometri
Kit Manometers



Coperchio con anodi sacrificali
Cover with sacrificial anodes



Piattello di collegamento cartucce
Center plate for cartridges connection



Adattatore per cartucce COD.7
COD.7 cartridges adapter

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