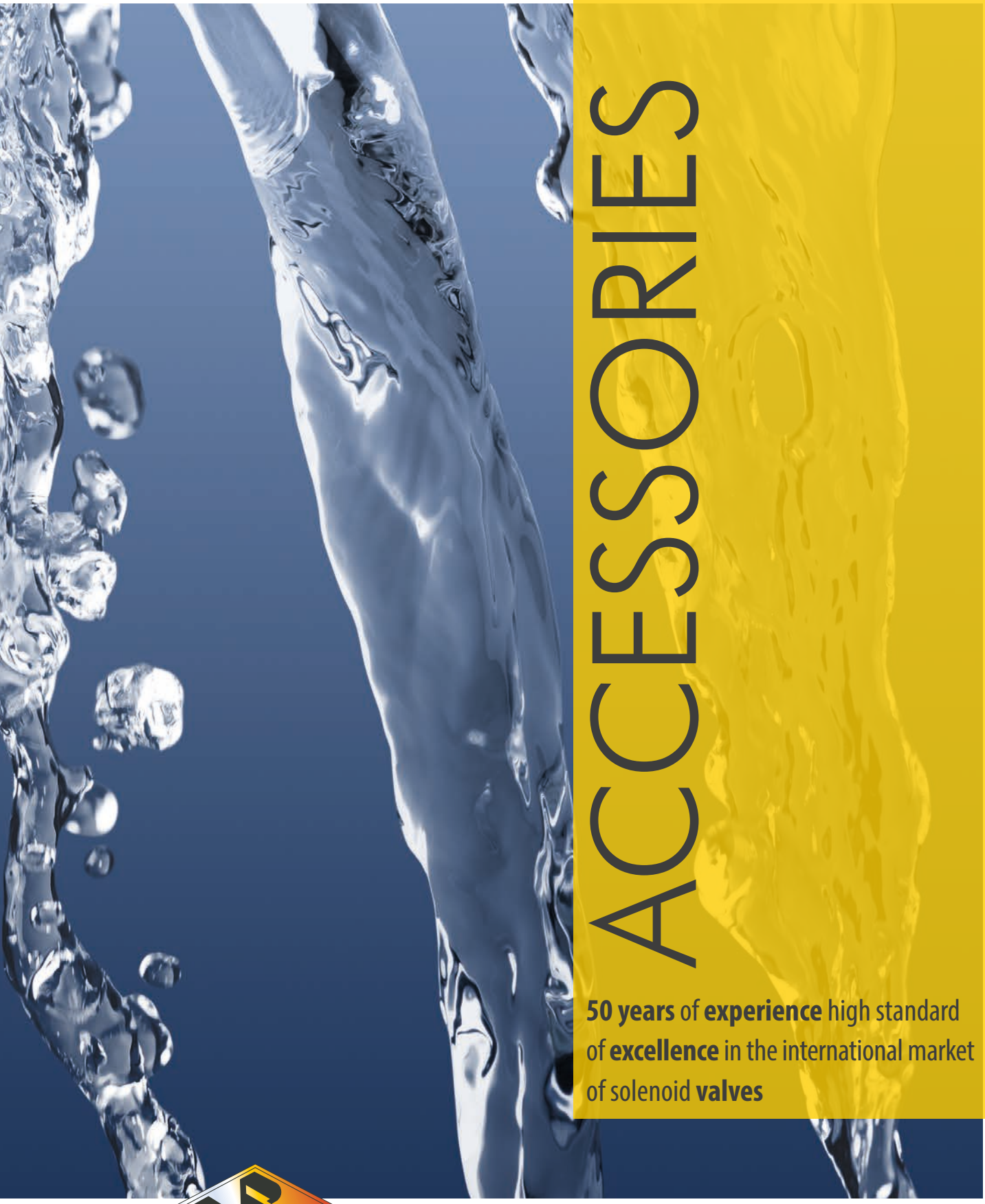
100% MADE IN ITALY

www.**rpesrl**.com



ACCESSORIES

50 years of **experience** high standard of **excellence** in the international market of solenoid **valves**

Made in Italy that makes the difference **since 1972**

www.rpesrl.com

L'Azienda

RPE Srl è un punto di riferimento nel mercato delle elettrovalvole a livello internazionale grazie alle tecnologie sviluppate e alla continua evoluzione nel mondo delle certificazioni alimentari ed elettriche. **Fin dal 1972** progetta e produce elettrovalvole, solenoidi, riduttori di pressione, contalitri e filtri in ogni loro componente. I prodotti RPE sono distribuiti in Italia e nel mondo da oltre 50 anni.

The Company

RPE Srl is a worldwide reference in the solenoid valve industry, thanks in great part to our technology and the continuous improvement of our products and the development of food and electrical certifications. **Since 1972 RPE** Srl designs and manufactures solenoid valves, solenoids, pressure reducers, flow meters and filters in all their components. RPE products are distributed not only in Italy but around the world, with over 50 years of outstanding growth and recognition.

Mission

Poniamo un costante impegno nella ricerca e sviluppo di nuove valvole, progettando soluzioni per le più svariate esigenze di impiego. **RPE** si contraddistingue per puntare da sempre sulla customizzazione dei propri prodotti, creando referenze ad hoc. Il nostro Team di tecnici esperti è disponibile per progettare direttamente con il cliente le valvole richieste offrendo un servizio su misura.

Mission

We provide a constant effort to the Research & Development of new products and the continuous innovation and design of original solutions for a wide variety of requirements. **RPE** stands out for always focusing on the customization of its products, creating ad hoc references. Our team of experienced technicians is available to design the required valves directly with the customer, offering a tailor-made service.

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Sanitari / *Sanitary*

Bevande & filtrazione / *Beverage & filtering*

Vapore & caffè / *Coffee & steam*

Industria / *Industrial*

Marina e nautica / *Marine applications*

Medicale e riuniti dentali / *Medical & dental units*

Pulizia professionale / *Professional cleaning*

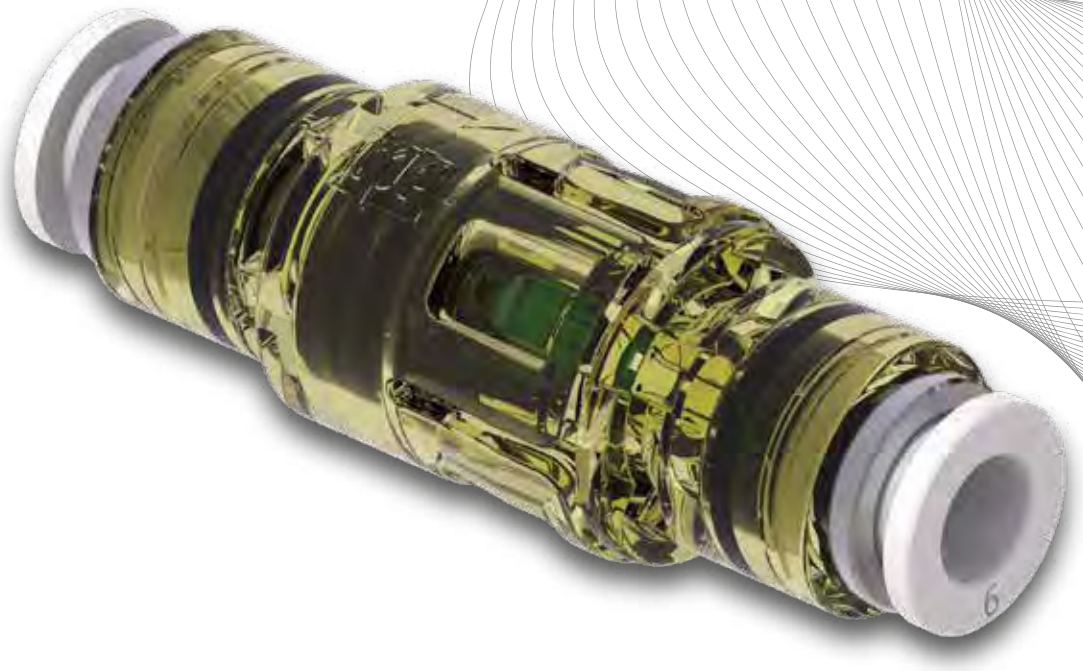
Cartucce filtro check
Filter check cartridges

Applicazioni / *Applications*

Vapore & Caffè
Coffee & Steam

Elettrodomestici
Household appliances

Bevande e filtrazione
Beverage & filtering



La gamma di Cartucce Filtro Check è stata progettata per offrire la massima facilità di assemblaggio grazie alle connessioni rapide sia in ingresso che in uscita.
Tutte le versioni possono essere configurate con:
- Rete filtrante da 50 Mesh
- Valvola di non ritorno
- Rete filtrante + valvola di non ritorno

The range of Filter Check Cartridges has been designed to offer maximum ease of assembly thanks to fast connections both inlet and oulet.
Three distinct configurations fit in the same dimensions:
- 50 mesh filter net
- Check valve
- Filter + check valve

CARATTERISTICHE FISICHE *PHYSICAL SPECIFICATIONS*

Corpo Body	PPSU, PA 66 - 30% FV PPSU, PA 66 - 30% GF
Guarnizioni Gaskets	LSR, EPDM, FKM
Rete filtrante Filter net	AISI 304
Molla Spring	AISI 316

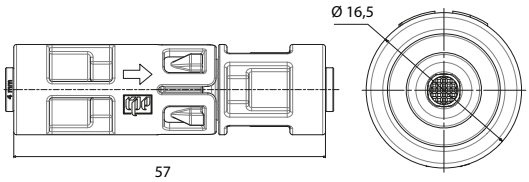
CARATTERISTICHE DI LAVORO *WORKING SPECIFICATIONS*

Pressione di esercizio Working pressure	PA: 0,05 - 10 bar PPSU: 0,05 - 16 bar PPSU PG 6 mm: 0,1 - 16 bar
Temperatura ambiente Room temperature	0° C - 75° C (PA) 0° C - 120° C (PPSU + LSR) 0° C - 140° C (PPSU + FKM)
Temperatura fluido Fluid temperature	0° C - 75° C (PA) 0° C - 120° C (PPSU + LSR) 0° C - 140° C (PPSU + FKM)
Direzione fluido Flow direction	Unidirezionale Unidirectional
Diametro di passaggio Nominal diameter	DN4

PUNTI DI FORZA / *HIGHLIGHTS*

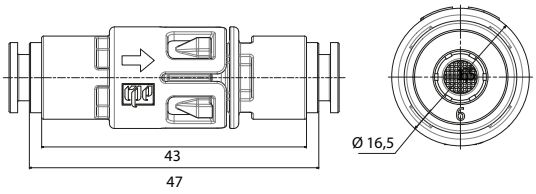
- **Facilità di assemblaggio / *Easy installation***
- **Più configurazioni disponibili / *Different configurations are available***
- **Resistenza fino ad alte temperature (versione in PPSU) / *Resistance to high temperatures (PPSU version)***
- **Materiali certificati NSF / *NSF certified materials***
- **Adatta per fluidi ad alta densità / *Suitable for high density fluids***

CARTUCCIA PA 66 30% FV CON GUARNIZIONE IN LSR/NBR / *PA 66 30% FG CARTRIDGE WITH LSR/NBR GASKET*



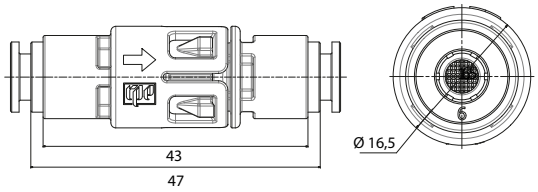
MODELLO MODEL	INLET	OUTLET	FILTRO / Filter	CHECK	M.O.Q. (pcs)
F3168000	PF 4 mm	PF 4 mm	✓	X	100-400
F31770BZ	PF 4 mm	PF 4 mm	X	✓	100-400
F3170000	PF 6 mm	PF 6 mm	✓	X	100-400
F31780BZ	PF 6 mm	PF 6 mm	X	✓	100-400

CARTUCCIA PPSU CON GUARNIZIONE IN LSR / *PPSU CARTRIDGE WITH LSR GASKET*



MODELLO MODEL	INLET	OUTLET	FILTRO / Filter	CHECK	M.O.Q. (pcs)
F3164900	PF 4 mm	PF 4 mm	✓	X	100-400
F31759BZ	PF 4 mm	PF 4 mm	X	✓	100-400
F3166900	PF 6 mm	PF 6 mm	✓	X	100-400
F31769BZ	PF 6 mm	PF 6 mm	X	✓	100-400

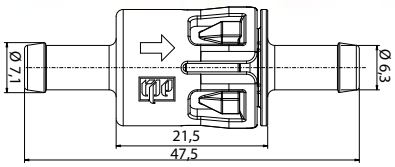
CARTUCCIA PPSU CON GUARNIZIONE IN FKM / *PPSU CARTRIDGE WITH FKM GASKET*

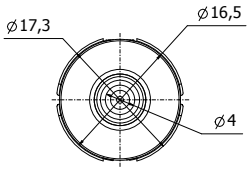


MODELLO MODEL	INLET	OUTLET	FILTRO / Filter	CHECK	M.O.Q. (pcs)
F3164900 7	PF 4 mm	PF 4 mm	✓	X	100-400
F31759BZ 7	PF 4 mm	PF 4 mm	X	✓	100-400
F3166900 7	PF 6 mm	PF 6 mm	✓	X	100-400
F31769BZ 7	PF 6 mm	PF 6 mm	X	✓	100-400

Legenda - Legend: PF= Push fit

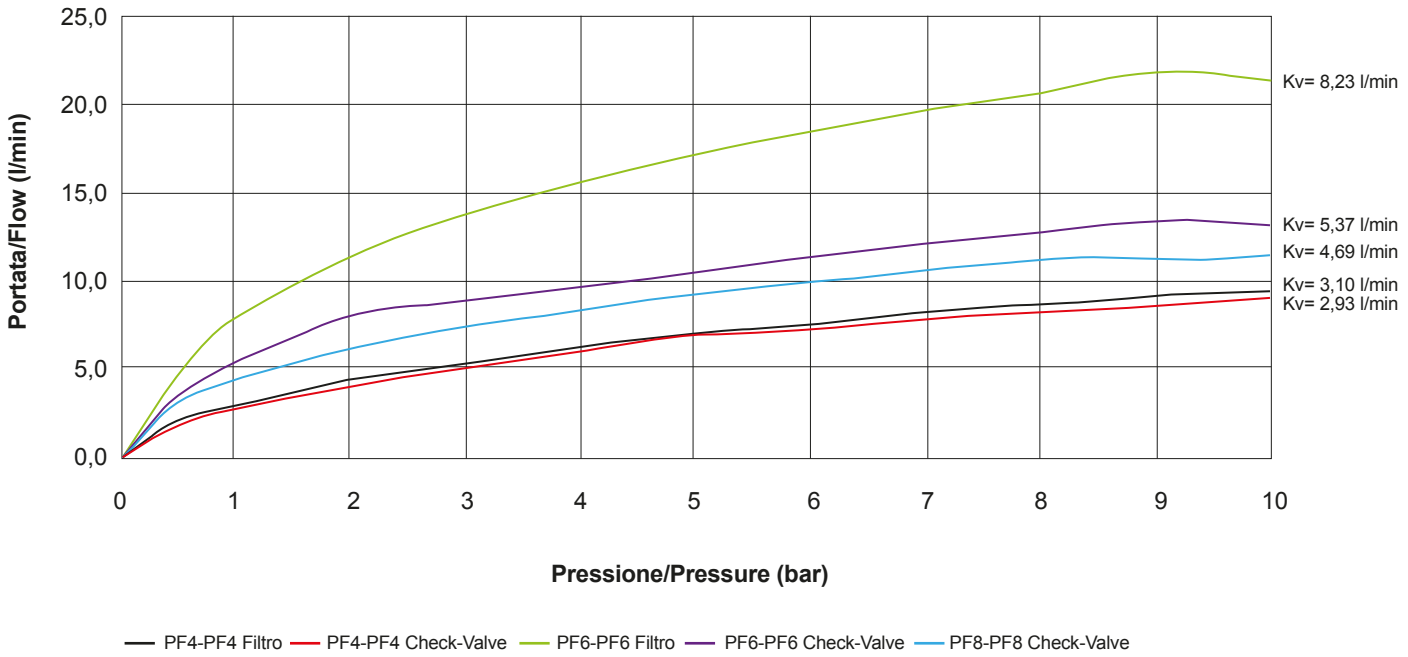
CARTUCCIA PPSU CON GUARNIZIONE IN FKM / *PPSU CARTRIDGE WITH FKM GASKET*





MODELLO MODEL	INLET	OUTLET	CHECK	M.O.Q. (pcs)
F31739BZ 7	PG 6 mm/ HOSE TAIL 6 mm	PG 6 mm/ HOSE TAIL 6 mm	✓	100-1000

PORTATE CARTUCCE / *FLOW RATE CARTRIDGES*



Cartucce versionabili
Adjustable cartridges

Applicazioni / *Applications*

Vapore & Caffè
Coffee & Steam

Elettrodomestici
Household appliances

Bevande e filtrazione
Beverage & filtering

La gamma di Cartucce Versionabili è disponibile nella versione in Nylon o PEI.
È possibile installare all'interno di ogni cartuccia:
- Riduttore di portata (tra quelli dell'intera gamma RPE)
- Valvola di non ritorno
- Riduttore di portata + valvola di non ritorno
- Doppia valvola di non ritorno

The range of Adjustable Cartridges is available in Nylon or PEI.
Possibility to install inside each cartridge:
- RPE flow restrictors
- Check valve
- Flow restrictors + check valve
- Double check valve

CARATTERISTICHE FISICHE *PHYSICAL SPECIFICATIONS*

Corpo Body	PA 66 - 30% FV / PA 66 - 30% GF
Altri componenti Other components	NBR, LSR, POM

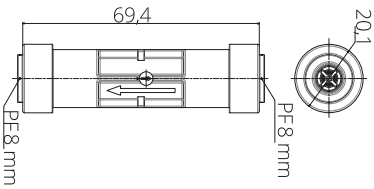
CARATTERISTICHE DI LAVORO *WORKING SPECIFICATIONS*

Pressione di esercizio Working pressure	**PA** 0 - 10 bar **PEI** 0 - 10 bar
Temperatura ambiente Room temperature	**PA** Tu 75° C **PEI** Tu 90° 140° C (Alta temp./High temp.)
Temperatura fluido Fluid temperature	**PA** Tm 75° C **PEI** Tm 90° C 140° C (Alta temp./High temp.)
Direzione fluido Flow direction	Unidirezionale Unidirectional
Diametro di passaggio Nominal diameter	DN7

PUNTI DI FORZA / *HIGHLIGHTS*

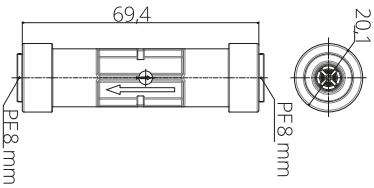
- **Customizzazione / *Customization***
- **Facilità di assemblaggio / *Easy to assemble***
- **Versatilità / *Versatility***
- **Materiali certificati NSF / *NSF certified materials***
- **Multifunzionalità riduttori più check valve / *Multifunctionality flow restrictors + check valve***

CARTUCCIA VERSIONABILE PEI / *PEI ADJUSTABLE CARTRIDGE*



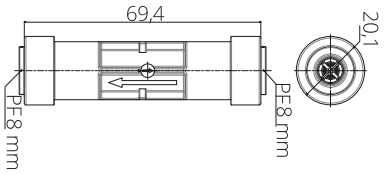
MODELLO MODEL	INLET	OUTLET	CHECK SINGOLA SINGLE CHECK	RIDUTTORE SINGOLO SINGLE RESTRICTORS	CHECK+ RIDUTTORE CHECK+ RESTRICTORS	DOPPIA CHECK DOUBLE CHECK	M.O.Q. (pcs)
F31431	PF8	PF8	F314310Z	F31431X0*	F31431XZ*	F31431ZZ	100-500
F31441	PF8	PF10	F314410Z	F31441X0*	F31441XZ*	F31441ZZ	100-500
F31451	PF10	PF8	F314510Z	F31451X0*	F31451XZ*	F31451ZZ	100-500
F31461	PF10	PF10	F314610Z	F31461X0*	F31461XZ*	F31461ZZ	100-500

CARTUCCIA VERSIONABILE PEI ALTA TEMPERATURA / *PEI ADJUSTABLE CARTRIDGE HIGH TEMPERATURE*



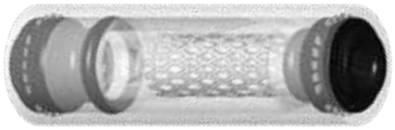
MODELLO MODEL	INLET	OUTLET	CHECK SINGOLA SINGLE CHECK	M.O.Q. (pcs)
F3148	PF8	PF8	F314810Z	100-500

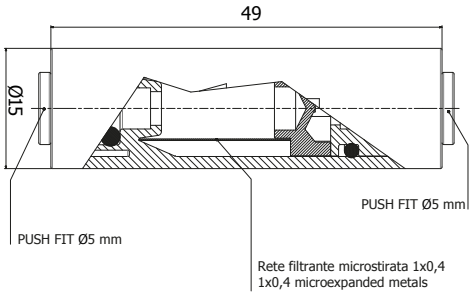
CARTUCCIA VERSIONABILE NYLON / NYLON ADJUSTABLE CARTRIDGE



MODELLO MODEL	INLET	OUTLET	CHECK SINGOLA SINGLE CHECK	RIDUTTORE SINGOLO SINGLE RESTRICTORS	CHECK+ RIDUTTORE CHECK+ RESTRICTORS	DOPPIA CHECK DOUBLE CHECK	M.O.Q. (pcs)
F31432	PF8	PF8	F314320Z	F31432X0*	F31432XZ*	F31432ZZ	100-500
F31442	PF8	PF10	F314420Z	F31442X0*	F31442XZ*	F31442ZZ	100-500
F31452	PF10	PF8	F314520Z	F31452X0*	F31452XZ*	F31452ZZ	100-500
F31462	PF10	PF10	F314620Z	F31462X0*	F31462XZ*	F31462ZZ	100-500
F31462	PF10	PF3/8"				F31462ZZ 3/8"	100-500

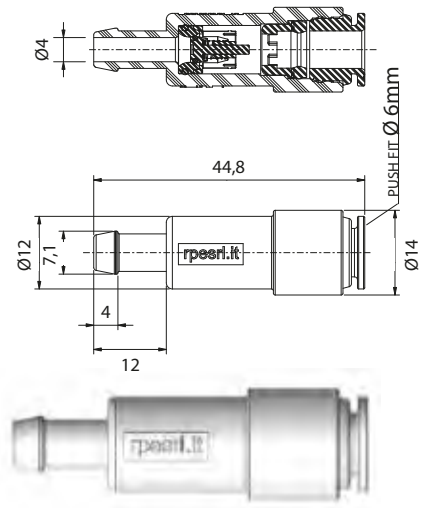
CARTUCCIA FILTRO 1/8" / *FILTER 1/8" CARTRIDGE*



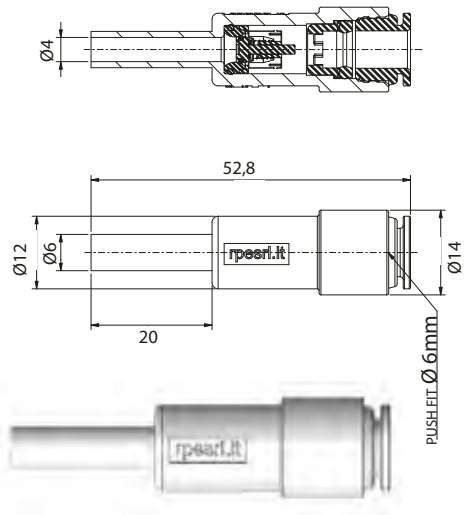


MODELLO MODEL	INLET	OUTLET	FILTRO FILTER	CHECK	M.O.Q. (pcs)
HE2538000	PF 5 mm	PF 5 mm	✓	X	100

CARTUCCIA CHECK F31 / *CARTRIDGE CHECK F31*



MODELLO MODEL	INLET	OUTLET	CHECK	DIREZIONE FLUIDO FLOW DIRECTION	M.O.Q. (pcs)
F31DD050	PF 6 mm	PF ø 6 mm	X	Bidirezionale Bidirectional ⟷	100-500
F31DD05Z	PG 6 mm	PF 6 mm	✓	out →	100-500
F31DD05Y	PF 6 mm	PG ø 6 mm	✓	← in	100-500

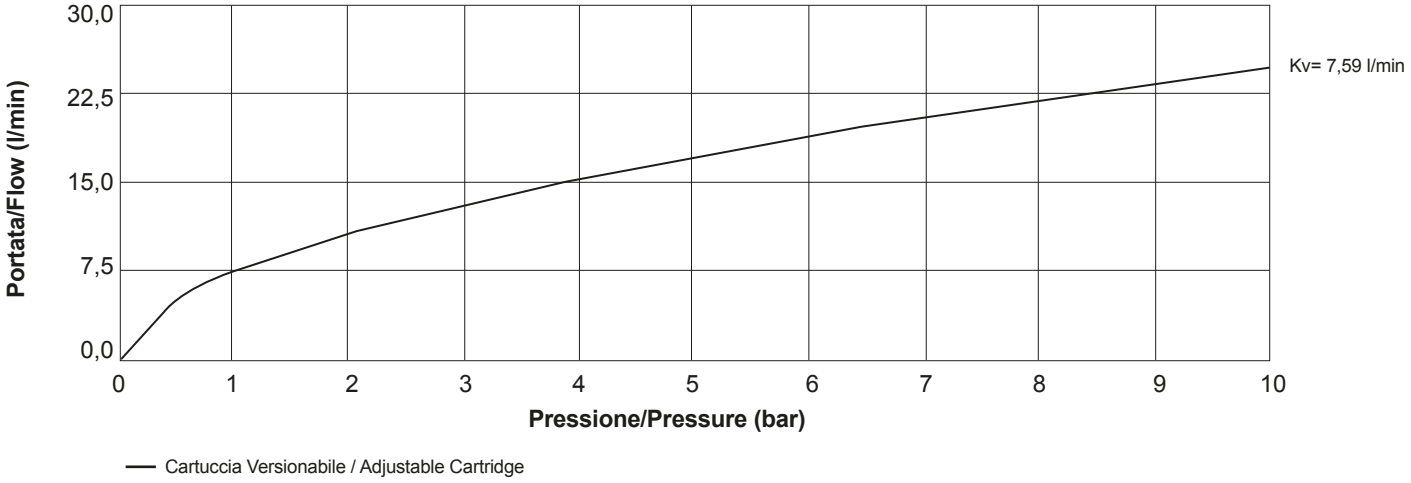


MODELLO MODEL	INLET	OUTLET	CHECK	DIREZIONE FLUIDO FLOW DIRECTION	M.O.Q. (pcs)
F31DD060	PF 6 mm	Spigot ø 6 mm	X	Bidirezionale Bidirectional ⟷	100-500
F31DD06Z	Spigot ø 6 mm	PF 6 mm	✓	out →	100-500
F31DD06Y	PF 6 mm	Spigot ø 6 mm	✓	← in	100-500

Legenda - Legend: PF= Push fit
PG=Portagomma/Hose Tail
Spigot=Codolo

Curve di portata
Flow rate

CARTUCCIA / *CARTRIDGE* PI + PEI + NYLON



CARTUCCIA FILTRO 1/8"/ *FILTER 1/8" CARTRIDGE*

	MODELLO MODEL	COLORE COLOR	CAMPO DI REGOLAZIONE SETTING RANGE (Lt/min)	LSR	PORTATA FLOW RATE (GAL/min)	M.O.Q. (pcs)
	HE2013500	BEIGE	0,08 + - 0,05%	✓	0,02 GAL/min	100-1000
	HE2007000	MARRONE / BROWN	0,10 + - 0,05%	X	0,03 GAL/min	100-1000
	HE2014500	ROSA / PINK	0,15 + - 0,05%	✓	0,04 GAL/min	100-1000
	HE2019501	ROSSO / RED	0,25 + - 0,05%	✓	0,07 GAL/min	100-1000
	HE2018500	VERDE / GREEN	0,40 + - 0,05%	✓	0,11 GAL/min	100-1000
	HE2011500	LIME	0,50 + - 10%	✓	0,13 GAL/min	100-1000
	HE2010500	GRIGIO / GREY	0,60 + - 10%	X	0,16 GAL/min	100-1000
	HE2008000	CIANO / CYAN	0,90 + - 10%	X	0,24 GAL/min	100-1000
	HE2023000	BIANCO / WHITE	1,10 + - 10%	X	0,29 GAL/min	100-1000
	HE2020000	GRIGIO SCURO / DARK GREY	1,40 + - 10%	X	0,37 GAL/min	100-1000
	HE2004000	GIALLO / YELLOW	1,70 + - 10%	X	0,45 GAL/min	100-1000
	HE2012000	VIOLA / VIOLET	2,15 + - 10%	X	0,57 GAL/min	100-1000
	HE2005000	NERO / BLACK	2,70 + - 10%	X	0,71 GAL/min	100-1000
	HE2006000	BLU / BLUE	5,50 + - 10%	X	1,45 GAL/min	100-1000
	HE2009000	ARANCIONE / ORANGE	8,40 + - 10%	X	2,22 GAL/min	100-1000

* Tolleranza da valutare in base all'effettivo impiego. / Tolerance to be evaluated based on actual use.

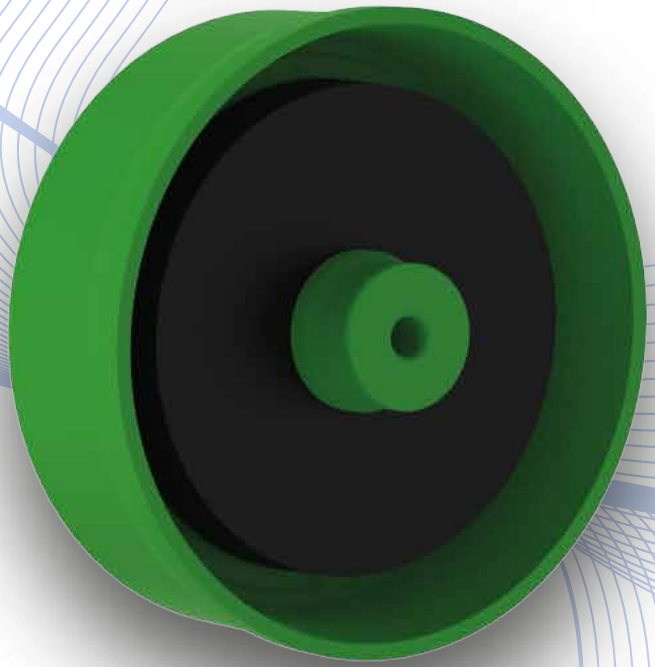
Regolatori di flusso in entrata
Inlet flow regulators

Applicazioni / *Applications*

Medicale e riuniti dentali
Medical & dental units

Elettrodomestici
Household appliances

Bevande e filtrazione
Beverage & filtering



La gamma di Regolatori di Flusso RPE è stata progettata per mantenere un flusso costante e una distribuzione dell'acqua uniforme, indipendentemente dalla pressione di ingresso.
I Regolatori di Flusso possono essere installati in ingresso in tutte le valvole della Serie R con connessione ¾".

The range of RPE Flow Regulators has been designed to maintain a constant flow and keep the water release steady, in spite of the incoming pressure.
The Flow Regulators can be installed in all the R Series valves with ¾" inlet connections.

CARATTERISTICHE FISICHE
PHYSICAL SPECIFICATIONS

Struttura Holder	POM
Compensatore Flow adjuster	NBR/LSR

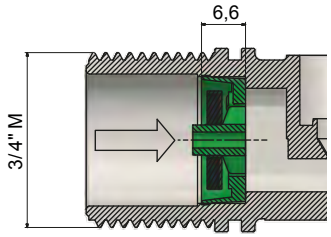
CARATTERISTICHE DI LAVORO
WORKING SPECIFICATIONS

Pressione di esercizio Working pressure	0 - 10 bar
Direzione fluido Flow direction	Unidirezionale Unidirectional

PUNTI DI FORZA / *HIGHLIGHTS*

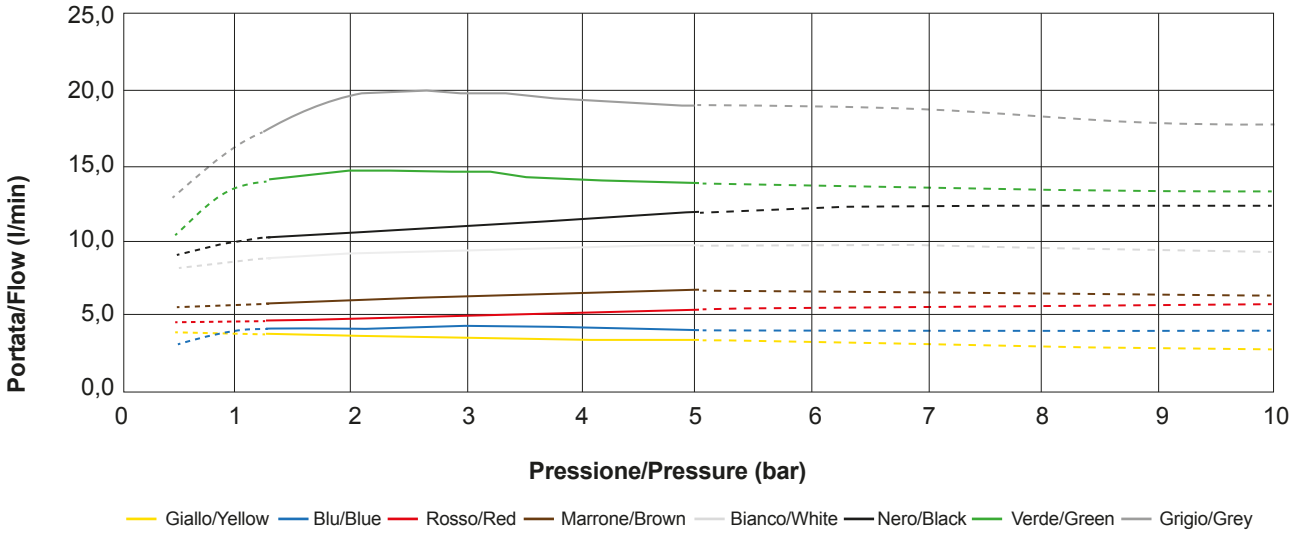
- **Compatibilità con tutte le valvole della serie R con connessione ¾"**
  Compatibility with all valves of R series with connection ¾"
- **Compensatore in NBR o LSR / *Flow adjuster in NBR***
- **Materiali certificati per applicazioni alimentari / *Food-approved materials***

DETTAGLIO SEDE REGOLATORE / *REGULATOR SEAT DETAIL*



Misure in millimetri
Dimensions in millimeters

GRAFICO PORTATE / *FLOW RATES CHART*



	MODELLO MODEL	COLORE COLOR	CAMPO DI REGOLAZIONE SETTING RANGE (Lt/min)	LSR	PORTATA FLOW RATE (GAL/min)	M.O.Q. (pcs)
	HE1905000	GIALLO / YELLOW	4,5 + - 0%	X	1,19 GAL/min	100-1000
	HE1908800	BLU / BLUE	5,0 + - 7%	✓	1,32 GAL/min	100-1000
	HE1903000	ROSSO / RED	6,0 + - 10%	X	1,59 GAL/min	100-1000
	HE1904000	MARRONE / BROWN	7,0 + - 10%	X	1,85 GAL/min	100-1000
	HE1904800	MARRONE / BROWN	7,0 + - 10%	✓	1,85 GAL/min	100-1000
	HE1901000	BIANCO / WHITE	10,0 + - 10%	X	2,64 GAL/min	100-1000
	HE1902000	NERO / BLACK	12,0 + - 10%	X	3,17 GAL/min	100-1000
	HE1907500	VERDE / GREEN	15,0 + - 10%	✓	3,59 GAL/min	100-1000
	HE1906000	GRIGIO / GREY	19,5 + - 10%	X	5,15 GAL/min	100-1000

Riduttori di portata in uscita
Outlet flow restrictors

Applicazioni / *Applications*

Medicale e riuniti dentali
Medical & dental units

Elettrodomestici
Household appliances

Bevande e filtrazione
Beverage & filtering

Riduttori di portata in uscita
Outlet flow restrictors

La gamma di Riduttori di Portata RPE è stata progettata per mantenere un flusso costante e una distribuzione dell'acqua uniforme, indipendentemente dalla pressione di ingresso.
I Riduttori di Portata possono essere installati in uscita in tutte le valvole della Serie R.

The RPE range of Flow Restrictors has been designed to maintain a constant flow and keep the water release steady, regardless of the inlet pressure.
The Flow Restrictors can be installed in all the R Series valves.

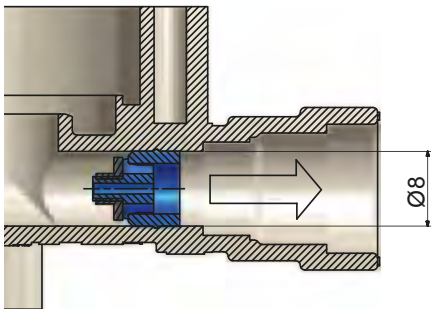
CARATTERISTICHE FISICHE / *PHYSICAL SPECIFICATIONS*

Struttura Holder	POM
Compensatore Flow adjuster	NBR/LSR

CARATTERISTICHE DI LAVORO / *WORKING SPECIFICATIONS*

Pressione di esercizio Working pressure	0 - 10 bar
Direzione fluido Flow direction	Unidirezionale Unidirectional

DETTAGLIO SEDE REGOLATORE / REGULATOR SEAT DETAIL



Misure in millimetri
Dimensions in millimeters

PUNTI DI FORZA / *HIGHLIGHTS*

- **Compatibilità con tutte le valvole della serie R**
  Compatibility with all valves of R series
- **Compensatore in NBR o LSR / *Flow adjuster in NBR or LSR***
- **Materiali certificati per applicazioni alimentari / *Certified materials for food applications***

GRAFICO PORTATE / *FLOW RATES CHART*

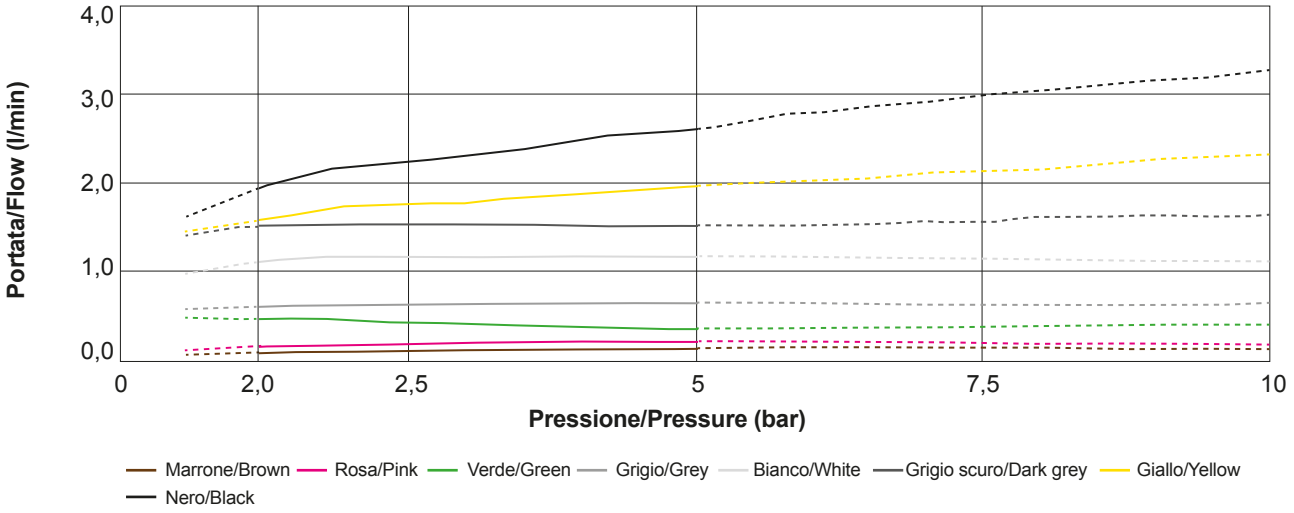
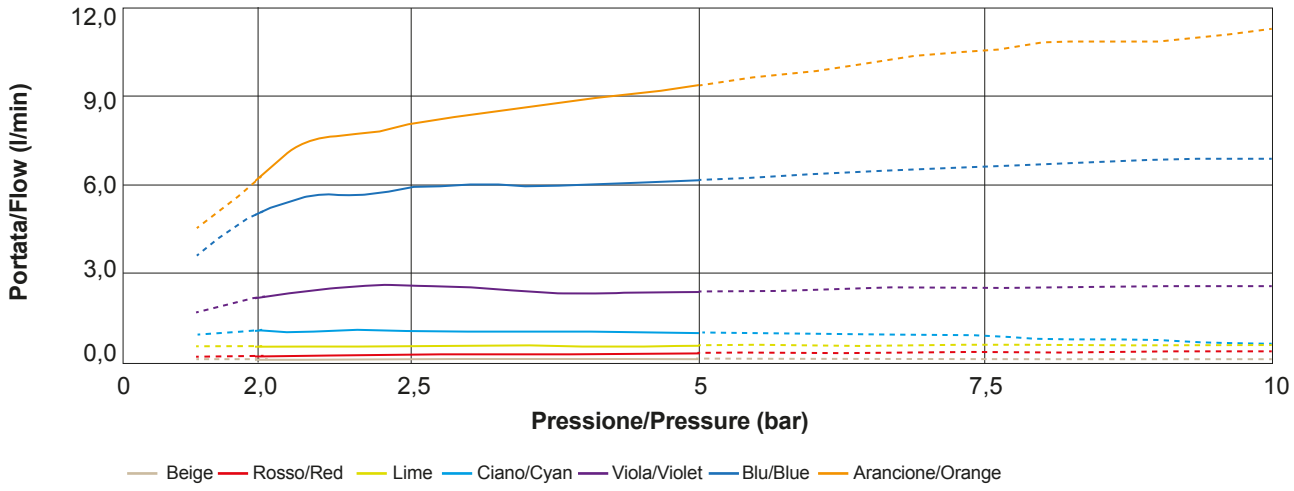


GRAFICO PORTATE / *FLOW RATES CHART*



	MODELLO MODEL	COLORE COLOR	CAMPO DI REGOLAZIONE SETTING RANGE (Lt/min)	LSR	PORTATA FLOW RATE (GAL/min)	M.O.Q. (pcs)
	HE2013500	BEIGE	0,08 + - 0,05%	✓	0,02 GAL/min	100-1000
	HE2007000	MARRONE / BROWN	0,10 + - 0,05%	X	0,03 GAL/min	100-1000
	HE2014500	ROSA / PINK	0,15 + - 0,05%	✓	0,04 GAL/min	100-1000
	HE2019501	ROSSO / RED	0,25 + - 0,05%	✓	0,07 GAL/min	100-1000
	HE2018500	VERDE / GREEN	0,40 + - 0,05%	✓	0,11 GAL/min	100-1000
	HE2011500	LIME	0,50 + - 10%	✓	0,13 GAL/min	100-1000
	HE2010500	GRIGIO / GREY	0,60 + - 10%	✓	0,16 GAL/min	100-1000
	HE2008000	CIANO / CYAN	0,90 + - 10%	X	0,24 GAL/min	100-1000
	HE2023000	BIANCO / WHITE	1,10 + - 10%	X	0,29 GAL/min	100-1000
	HE2020000	GRIGIO SCURO / DARK GREY	1,40 + - 10%	X	0,37 GAL/min	100-1000
	HE2004000	GIALLO / YELLOW	1,70 + - 10%	X	0,45 GAL/min	100-1000
	HE2012000	VIOLA / VIOLET	2,15 + - 10%	X	0,57 GAL/min	100-1000
	HE2005000	NERO / BLACK	2,70 + - 10%	X	0,71 GAL/min	100-1000
	HE2006000	BLU / BLUE	5,50 + - 10%	X	1,45 GAL/min	100-1000
	HE2009000	ARANCIONE / ORANGE	8,40 + - 10%	X	2,22 GAL/min	100-1000

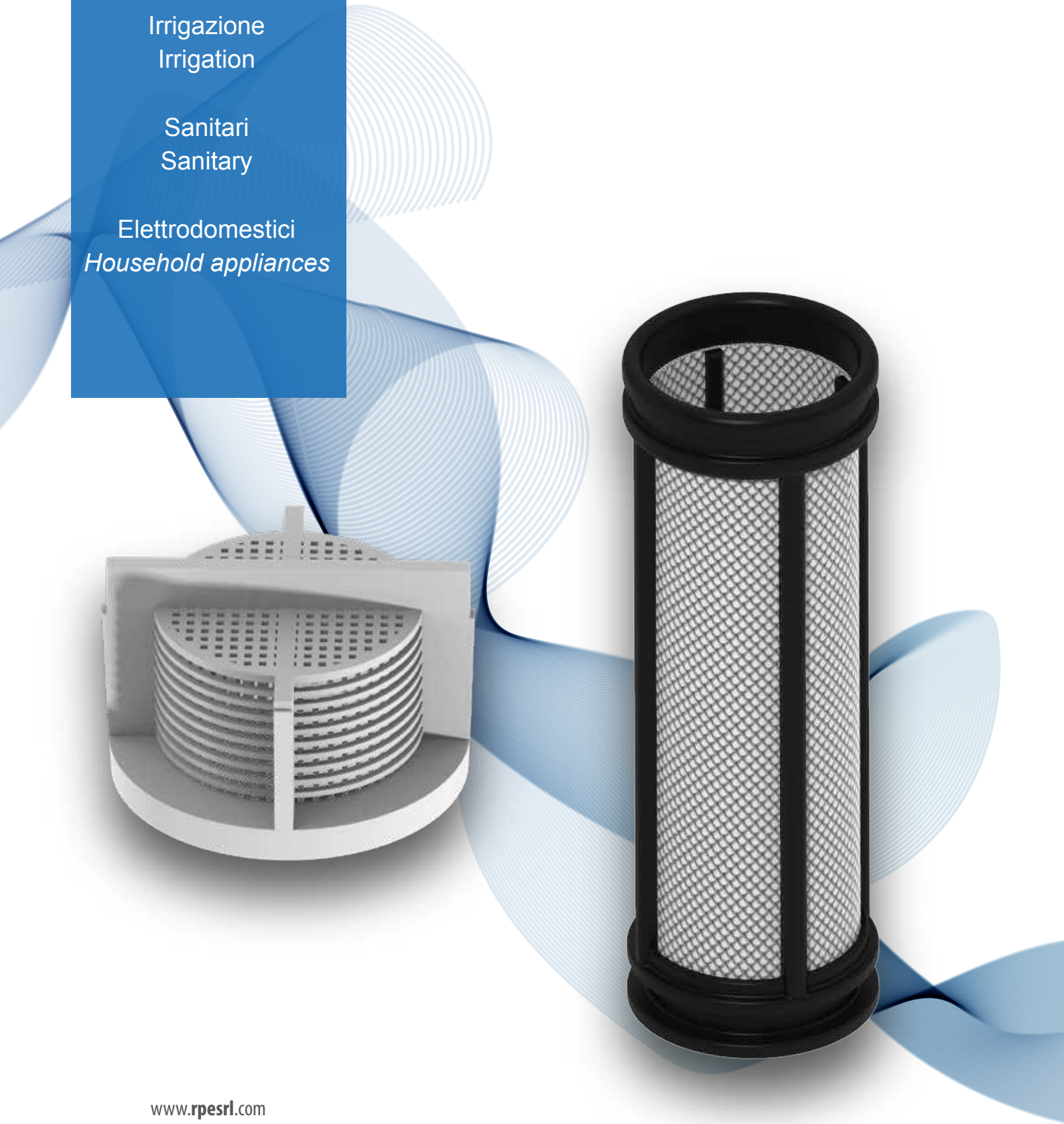
* Tolleranza da valutare in base all'effettivo impiego. / Tolerance to be evaluated based on actual use.

Applicazioni / *Applications*

Irrigazione
Irrigation

Sanitari
Sanitary

Elettrodomestici
Household appliances



RPE offre un'ampia gamma di Filtri per ogni applicazione ed esigenza. Progettati in diverse dimensioni, materiali e gradi di filtrazione per adattarsi a tutti i nostri sistemi di connessione.

RPE offers a wide range of filters for every application and need. Designed in different sizes, materials and filtration grades to fit all our connection systems.

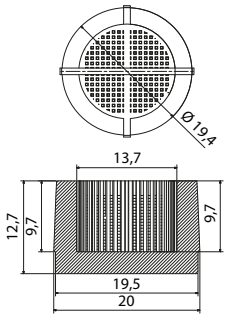
CARATTERISTICHE FISICHE
PHYSICAL SPECIFICATIONS

Material filtro Filter material	Hostaform / Santoprene / / TF9WCS / LSR / PA 66
Materiale trama filtrante Filter seals material	Acciaio inox Stainless steel
Grado filtraggio Texture filtering	40 – 120 Mesh

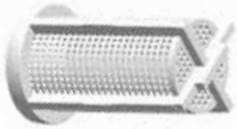
PUNTI DI FORZA / *HIGHLIGHTS*

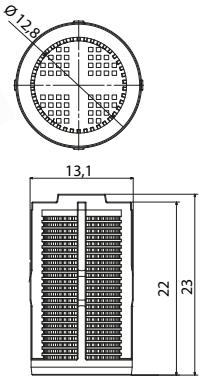
- **Gradi di filtrazioni differenti / *Different filtration grades***
- **Materiali certificati per applicazioni alimentari / *Certified materials for food applications***
- **Disponibilità di materiali differenti / *Different materials are available***
- **Elevata resistenza / *High resistance***

FILTRI / *FILTERS*

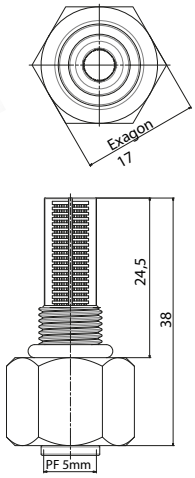


MODELLO MODEL	MATERIALE MATERIAL	TRAMA FILTRANTE FILTERING TEXTURE	M.O.Q. (pcs)
HC1801000	HOSTAFORM	50 mesh	300-700



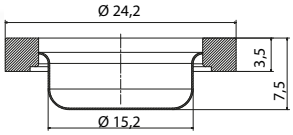


MODELLO MODEL	MATERIALE MATERIAL	TRAMA FILTRANTE FILTERING TEXTURE	M.O.Q. (pcs)
HC1808000	HOSTAFORM	50 mesh	200-850



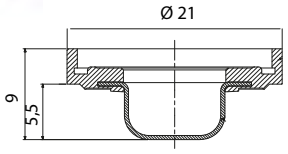
MODELLO MODEL	MATERIALE MATERIAL	TRAMA FILTRANTE FILTERING TEXTURE	M.O.Q. (pcs)
HE2564000	HOSTAFORM	50 mesh	100

GUARNIZIONE FILTRO / *FILTER SEAL*

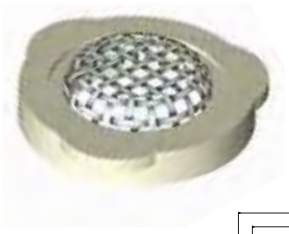


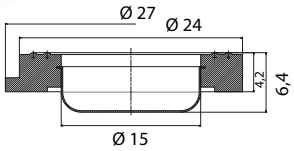
MODELLO MODEL	MATERIALE MATERIAL	TRAMA FILTRANTE FILTERING TEXTURE	M.O.Q. (pcs)
HC1805000	ACCIAIO INOX e SANTOPRENE / STAINLESS STEEL and SANTOPRENE	50 mesh	100-500

GUARNIZIONE FILTRO / *FILTER SEAL*

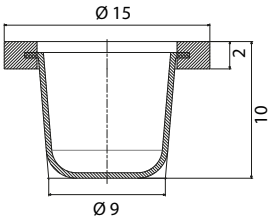


MODELLO MODEL	MATERIALE MATERIAL	TRAMA FILTRANTE FILTERING TEXTURE	M.O.Q. (pcs)
HC1810000 (per valvola micro/ for micro valve)	ACCIAIO INOX e TF9WCS / STAINLESS STEEL and TF9WCS	55 mesh	300-1500

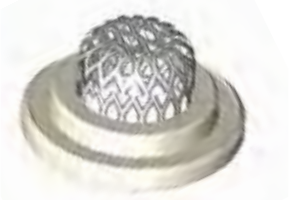


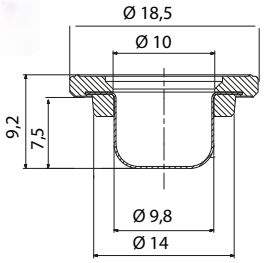


MODELLO MODEL	MATERIALE MATERIAL	TRAMA FILTRANTE FILTERING TEXTURE	M.O.Q. (pcs)
HC1813000	ACCIAIO INOX e TF8WCS / STAINLESS STEEL and TF8WCS	45 mesh	240-1200
HC1813100		120 mesh	



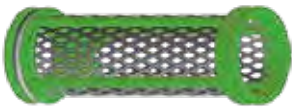
MODELLO MODEL	MATERIALE MATERIAL	TRAMA FILTRANTE FILTERING TEXTURE	M.O.Q. (pcs)
HC1814000	ACCIAIO INOX e LSR / STAINLESS STEEL and LSR	40 mesh	400-2000

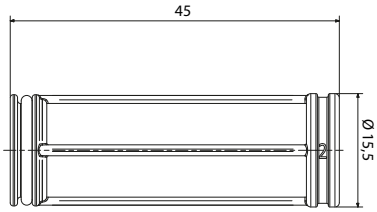




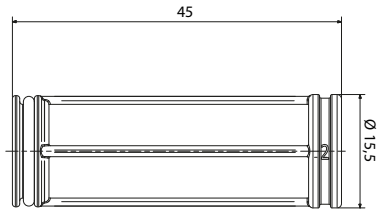
MODELLO MODEL	MATERIALE MATERIAL	TRAMA FILTRANTE FILTERING TEXTURE	M.O.Q. (pcs)
HC1818000	ACCIAIO INOX e TF9WCS / STAINLESS STEEL and TF9WCS	55 mesh	400-2000

CARTUCCE FILTRO / *FILTER CARTRIDGES*

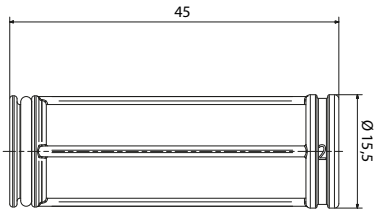




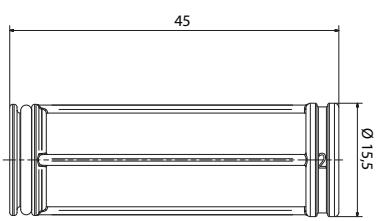
MODELLO MODEL	COLORE COLOR	MATERIALE MATERIAL	GRADO DI FILTRAZIONE FILTRATION	APP. ALIMENTARE FOOD APPROVAL	M.O.Q. (pcs)
HE1816200	VERDE GREEN	PA 66 e ACCIAIO INOX / PA 66 and STAINLESS STEEL	131µ (114 mesh)	✓	100-500



MODELLO MODEL	COLORE COLOR	MATERIALE MATERIAL	GRADO DI FILTRAZIONE FILTRATION	APP. ALIMENTARE FOOD APPROVAL	M.O.Q. (pcs)
HE1816100	NERO BLACK	PA 66 e ACCIAIO INOX / PA 66 and STAINLESS STEEL	168µ (86 mesh)	✓	100-500

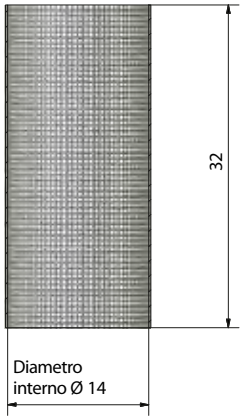


MODELLO MODEL	COLORE COLOR	MATERIALE MATERIAL	GRADO DI FILTRAZIONE FILTRATION	APP. ALIMENTARE FOOD APPROVAL	M.O.Q. (pcs)
HE1816300	BLU BLUE	PA 66 e ACCIAIO INOX / PA 66 and STAINLESS STEEL	307µ (49 mesh)	✓	100-500



MODELLO MODEL	COLORE COLOR	MATERIALE MATERIAL	GRADO DI FILTRAZIONE FILTRATION	APP. ALIMENTARE FOOD APPROVAL	M.O.Q. (pcs)
HE1816000	BIANCO WHITE	PA 66 e ACCIAIO INOX / PA 66 and STAINLESS STEEL	237µ (64 mesh)	✓	100-500

CARTUCCE FILTRO / *FILTER CARTRIDGES*



MODELLO MODEL	COLORE COLOR	MATERIALE MATERIAL	GRADO DI FILTRAZIONE FILTRATION	APP. ALIMENTARE FOOD APPROVAL	M.O.Q. (pcs)
HC1811000	/	ACCIAIO INOX / STAINLESS STEEL	250µ (60 mesh)	✓	100-500
HC1811100	/	ACCIAIO INOX / STAINLESS STEEL	125µ (120 mesh)	✓	100-500

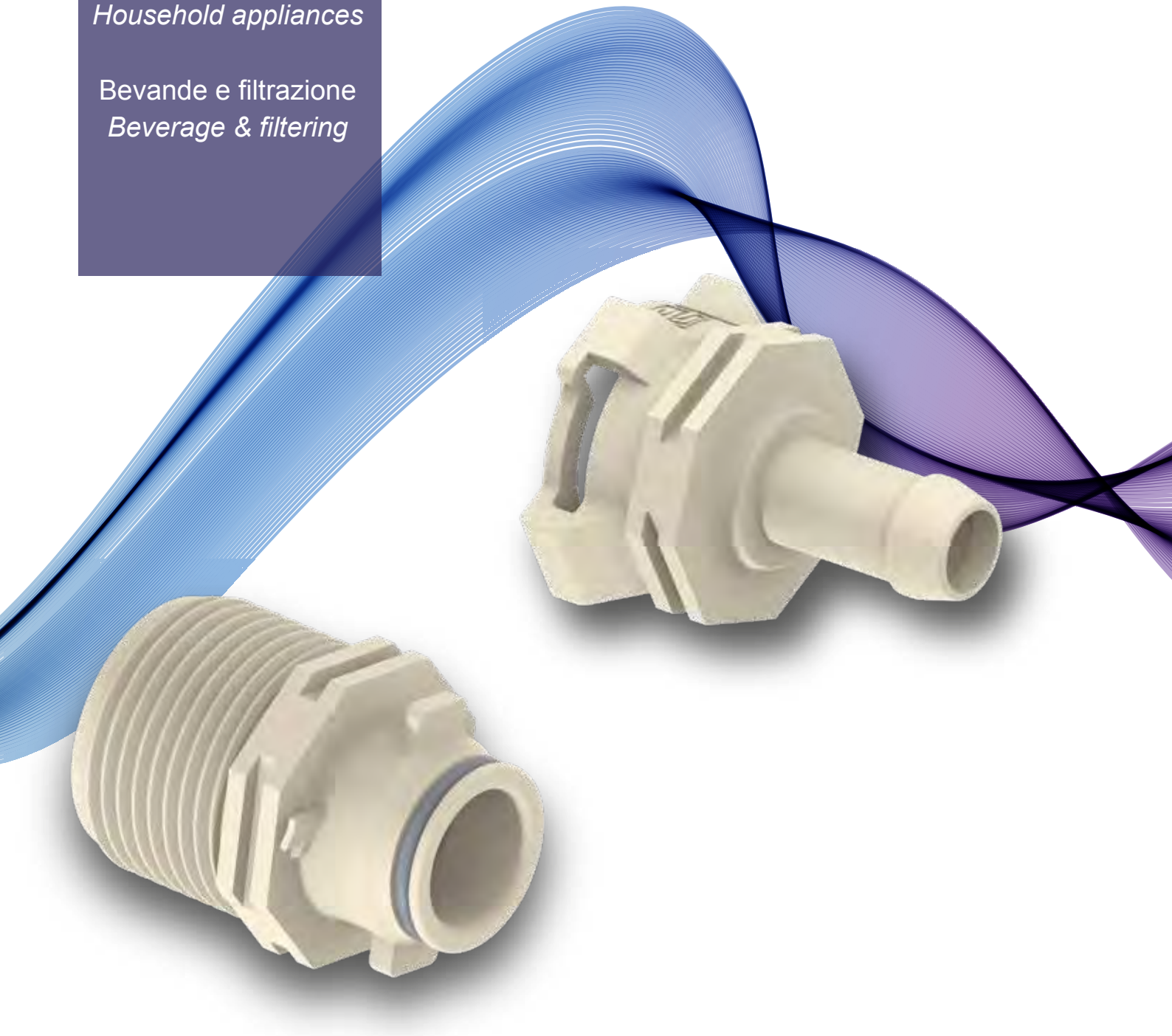
Connessioni serie universale
Universal series connection

Applicazioni / *Applications*

Sanitari
Sanitary

Elettrodomestici
Household appliances

Bevande e filtrazione
Beverage & filtering



La gamma di Connessioni Universali di RPE comprende una vasta offerta di connessioni che possono essere installate su qualsiasi corpo valvola della Serie R Universale.

RPE Universal Connections includes a wide range of connections that can be installed on any valve body of the Universal R Series.

CARATTERISTICHE FISICHE *PHYSICAL SPECIFICATIONS*

Corpo raccordo Body	PA 66 - 30% FV / PA 66 - 30% GF
O-ring	NBR/LSR

CARATTERISTICHE DI LAVORO *WORKING SPECIFICATIONS*

Pressione di esercizio Working pressure	0 - 10 bar
Temperatura ambiente Room temperature	0 – 60°C
Temperatura fluido Fluid temperature	0 – 90°C
Direzione fluido Flow direction	Unidirezionale / Bidirezionale Unidirectional / Bidirectional

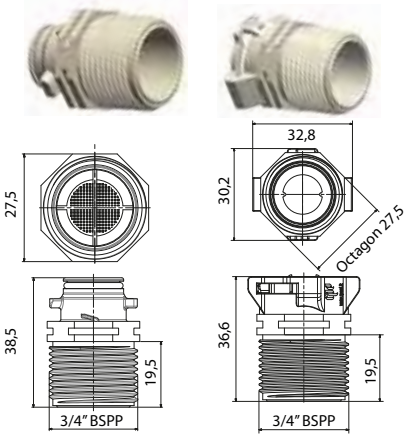
PUNTI DI FORZA / *HIGHLIGHTS*

- **Facilità di montaggio / *Ease of assembly***
- **Personalizzazione con filtri o valvole di non ritorno / *Customization with filters or check valves***
- **Compatibilità con tutte le valvole della Serie Universale**
  Compatibility with all valves of the Universal Series
- **Le connessioni possono essere assemblate tra di loro per formare differenti tipi di raccordo in base alle necessità**
  Connections can be assembled together to form different types of connections according to needs

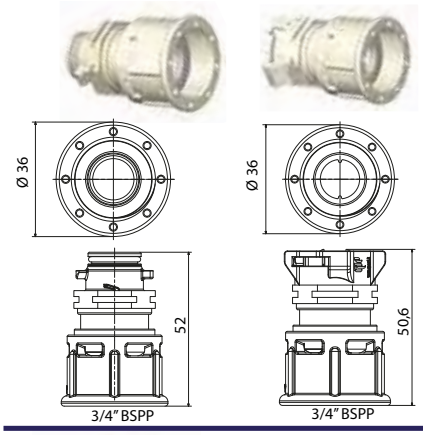
Connessioni Serie Universale

Universal Series Connections

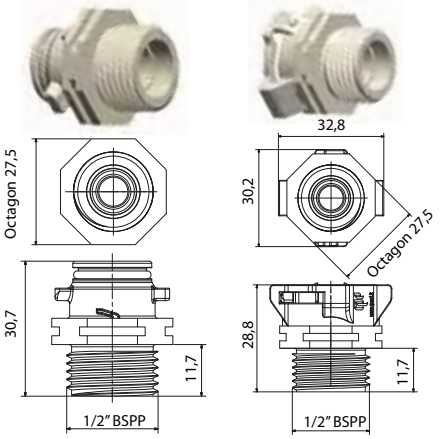
CONNESSIONI SERIE UNIVERSALE / *UNIVERSAL SERIES CONNECTIONS*



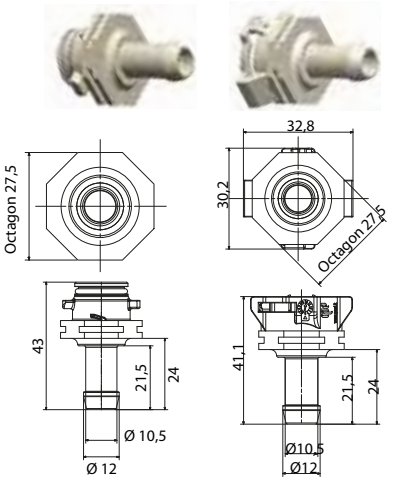
MODELLO MODEL	CONNESSIONI CONNECTIONS	DESCRIZIONE DESCRIPTION	M.O.Q. (pcs)
RU 31UA	BSPP ¾" M	INLET ALIM./FCMS	20-100
RU 31UB	BSPP ¾" M	OUTLET ALIM./FCMS	20-100
RU 31UA NE	BSPP ¾" M	INLET	20-100
RU 31UA NE	BSPP ¾" M	OUTLET	20-100



MODELLO MODEL	CONNESSIONI CONNECTIONS	DESCRIZIONE DESCRIPTION	M.O.Q. (pcs)
RU 31UE	BSPP ¾" M	INLET ALIM./FCMS	20-100
RU 31UF	BSPP ¾" M	OUTLET ALIM./FCMS	20-100
RU 31UE NE	BSPP ¾" M	INLET	20-100
RU 31UFNE	BSPP ¾" M	OUTLET	20-100



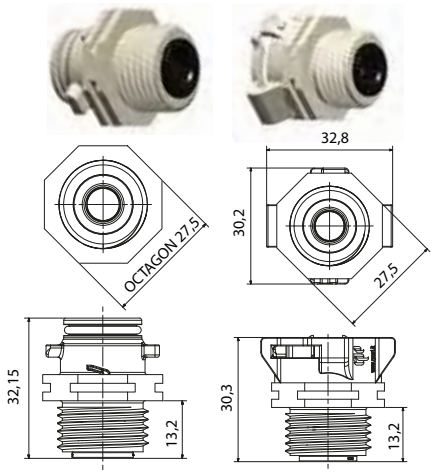
MODELLO MODEL	CONNESSIONI CONNECTIONS	DESCRIZIONE DESCRIPTION	M.O.Q. (pcs)
RU 31UA1	BSPP 1/2" M	INLET ALIM./FCMS	20-100
RU 31UB1	BSPP 1/2" M	OUTLET ALIM./FCMS	20-100
RU 31UA1 NE	BSPP 1/2" M	INLET	20-100
RU 31UB1 NE	BSPP 1/2" M	OUTLET	20-100



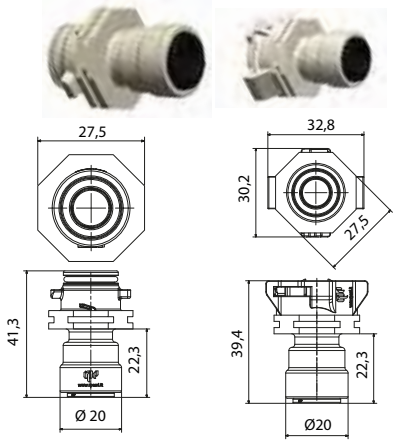
MODELLO MODEL	CONNESSIONI CONNECTIONS	DESCRIZIONE DESCRIPTION	M.O.Q. (pcs)
RU 31UI	PG 10	INLET ALIM./FCMS	20-100
RU 31UM	PG 10	OUTLET ALIM./FCMS	20-100
RU 31UI NE	PG 10	INLET	20-100
RU 31UM NE	PG 10	OUTLET	20-100

Connessioni Serie Universale

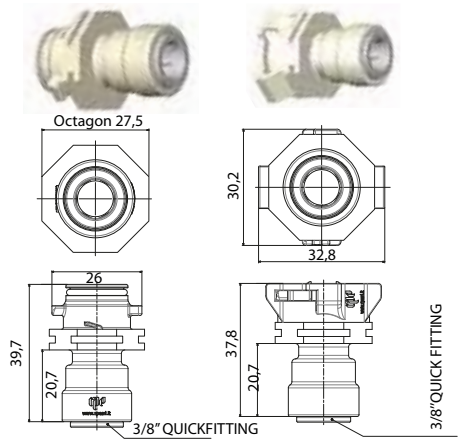
Universal Series Connections



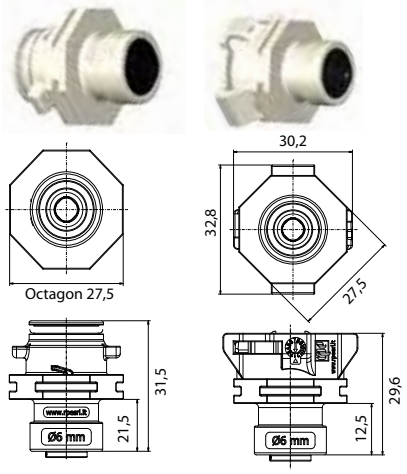
MODELLO MODEL	CONNESSIONI CONNECTIONS	DESCRIZIONE DESCRIPTION	M.O.Q. (pcs)
RU 31UA11	PF 8 + BSPP ½" M	INLET ALIM./FCMS	20-100
RU 31UB11	PF 8 + BSPP ½" M	OUTLET ALIM./FCMS	20-100
RU 31UA11 NE	PF 8 + BSPP ½" M	INLET	20-100
RU 31UB11 NE	PF 8 + BSPP ½" M	OUTLET	20-100



MODELLO MODEL	CONNESSIONI CONNECTIONS	DESCRIZIONE DESCRIPTION	M.O.Q. (pcs)
RU 31UC0	PF 10	INLET ALIM./FCMS	20-100
RU 31UD0	PF 10	OUTLET ALIM./FCMS	20-100
RU 31UC0 NE	PF 10	INLET	20-100
RU 31UD0 NE	PF 10	OUTLET	20-100



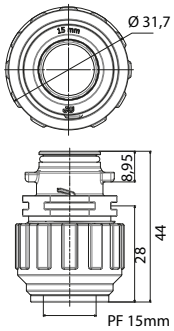
MODELLO MODEL	CONNESSIONI CONNECTIONS	DESCRIZIONE DESCRIPTION	M.O.Q. (pcs)
RU 31UC2	PF 3/8"	INLET ALIM./FCMS	20-100
RU 31UD2	PF 3/8"	OUTLET ALIM./FCMS	20-100
RU 31UC2 NE	PF 3/8"	INLET	20-100
RU 31UD2 NE	PF 3/8"	OUTLET	20-100

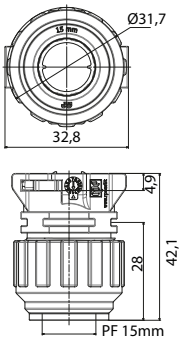


MODELLO MODEL	CONNESSIONI CONNECTIONS	DESCRIZIONE DESCRIPTION	M.O.Q. (pcs)
RU 31UR	PF 6	INLET ALIM./FCMS	20-100
RU 31US	PF 6	OUTLET ALIM./FCMS	20-100
RU 31UR NE	PF 6	INLET	20-100
RU 31US NE	PF 6	OUTLET	20-100

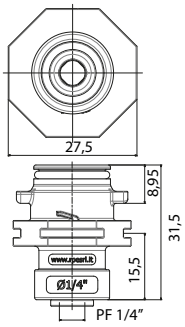
Connessioni Serie Universale

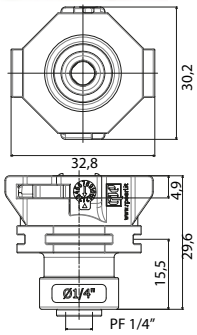
Universal Series Connections



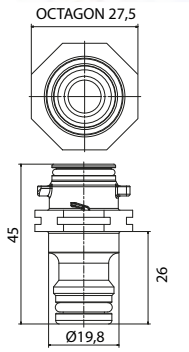


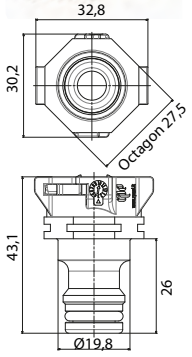
MODELLO MODEL	CONNESSIONI CONNECTIONS	DESCRIZIONE DESCRIPTION	M.O.Q. (pcs)
RU 31A2	PF 15	INLET ALIM./FCMS	20-100
RU 31B2	PF 15	OUTLET ALIM./FCMS	20-100
RU 31A2 NE	PF 15	INLET	20-100
RU 31B2 NE	PF 15	OUTLET	20-100



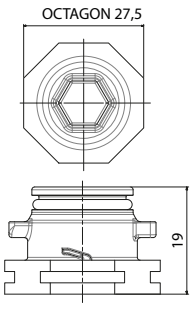


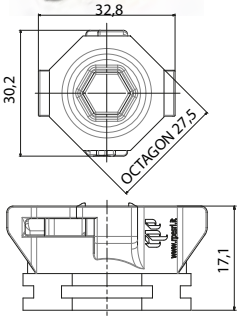
MODELLO MODEL	CONNESSIONI CONNECTIONS	DESCRIZIONE DESCRIPTION	M.O.Q. (pcs)
RU 31UV	PF ¼	INLET ALIM./FCMS	20-100
RU 31UW	PF ¼	OUTLET ALIM./FCMS	20-100
RU 31UV NE	PF ¼	INLET	20-100
RU 31UW NE	PF ¼	OUTLET	20-100



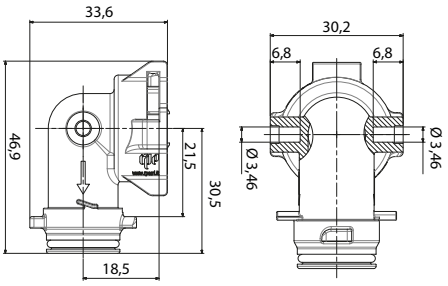


MODELLO MODEL	CONNESSIONI CONNECTIONS	DESCRIZIONE DESCRIPTION	M.O.Q. (pcs)
RU 31UG	"GARDEN"	INLET ALIM./FCMS	20-100
RU 31UH	"GARDEN"	OUTLET ALIM./FCMS	20-100
RU 31UG NE	"GARDEN"	INLET	20-100
RU 31UH NE	"GARDEN"	OUTLET	20-100

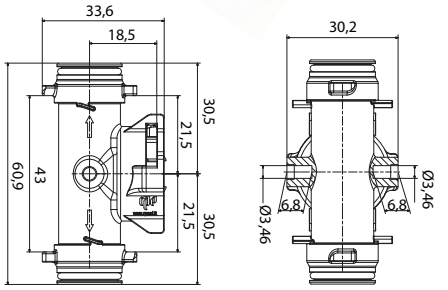




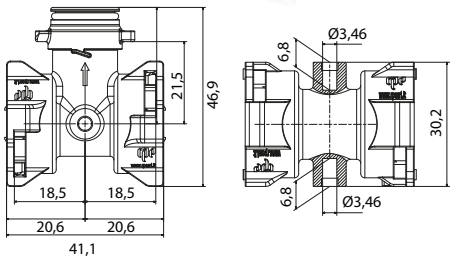
MODELLO MODEL	CONNESSIONI CONNECTIONS	DESCRIZIONE DESCRIPTION	M.O.Q. (pcs)
RU 31UN	TAPPO IN / CAP IN	INLET ALIM./FCMS	20-100
RU 31UP	TAPPO OUT / CAP OUT	OUTLET ALIM./FCMS	20-100
RU 31UN NE	TAPPO IN / CAP IN	INLET	20-100
RU 31UP NE	TAPPO OUT / CAP OUT	OUTLET	20-100



MODELLO MODEL	CONNESSIONI CONNECTIONS	DESCRIZIONE DESCRIPTION	M.O.Q. (pcs)
RU 31UL		RACCORDO A L / L FITTING INLET ALIM./FCMS	20-100
RU 31UL NE		RACCORDO A L / L FCMS	20-100



MODELLO MODEL	CONNESSIONI CONNECTIONS	DESCRIZIONE DESCRIPTION	M.O.Q. (pcs)
RU 31UT	M/F/M	RACCORDO A T / T FITTING INLET ALIM./FCMS	20-100
RU 31UT NE	M/F/M	RACCORDO A T / T FCMS	20-100

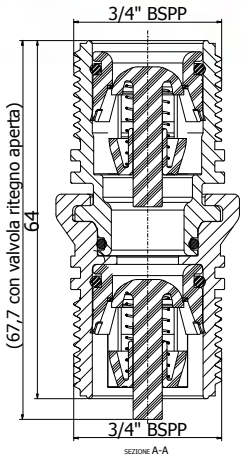


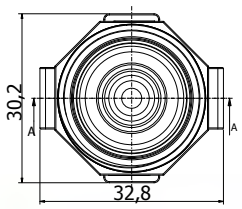
MODELLO MODEL	CONNESSIONI CONNECTIONS	DESCRIZIONE DESCRIPTION	M.O.Q. (pcs)
RU 31UT3	F/M/F	RACCORDO A T / T FITTING INLET ALIM./FCMS	20-100
RU 31UT3 NE	M/F/M	RACCORDO A T / T FCMS	20-100

Legenda - Legend: ALIM=Alimentare
FCMS=Food Contact Materials

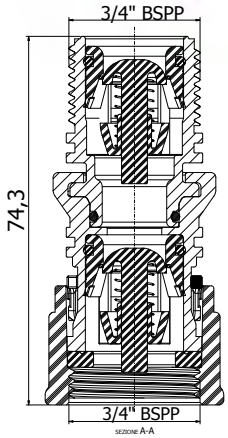
Connessioni Serie Universale

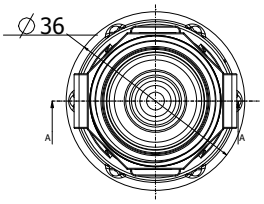
Universal Series Connections



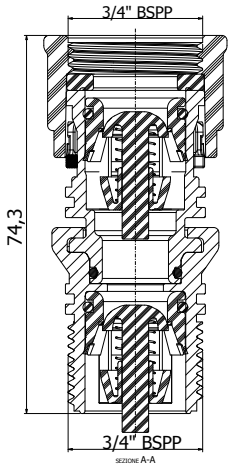


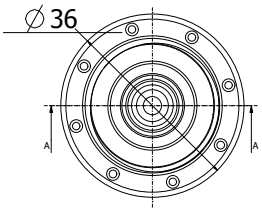
MODELLO MODEL	CONNESSIONI CONNECTIONS	DESCRIZIONE DESCRIPTION	M.O.Q. (pcs)
RU 31KIT AB 02	M/M	Raccordo doppia check Double check fitting	20-100-240
RU 31KIT AB 03	M/M	Raccordo doppia check alta temperatura Double check high temperature fitting	20-100-240
RU 31KIT AB 04	M/M	Raccordo check singola alta temperatura Single check high temperature fitting	20-100-240



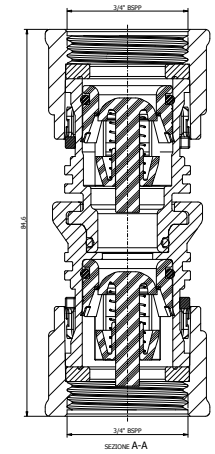


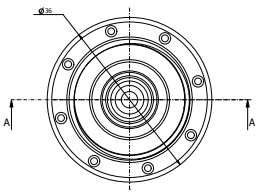
MODELLO MODEL	CONNESSIONI CONNECTIONS	DESCRIZIONE DESCRIPTION	M.O.Q. (pcs)
RU 31KIT AF 02	M/F	Raccordo doppia check Double check fitting	20-100-240
RU 31KIT AF 03	M/F	Raccordo doppia check alta temperatura Double check high temperature fitting	20-100-240
RU 31KIT AF 04	M/F	Raccordo check singola alta temperatura Single check high temperature fitting	20-100-240





MODELLO MODEL	CONNESSIONI CONNECTIONS	DESCRIZIONE DESCRIPTION	M.O.Q. (pcs)
RU 31KIT EB 01	FM	Raccordo check singola Single check fitting	20-100-240
RU 31KIT EB 02	FM	Raccordo doppia check Double check fitting	20-100-240
RU 31KIT EB 03	FM	Raccordo doppia check alta temperatura Double check high temperature fitting	20-100-240
RU 31KIT EB 04	FM	Raccordo check singola alta temperatura Single check high temperature fitting	20-100-240





MODELLO MODEL	CONNESSIONI CONNECTIONS	DESCRIZIONE DESCRIPTION	M.O.Q. (pcs)
RU 31KIT EF 01	FF	Raccordo check singola Single check fitting	20-100-240
RU 31KIT EF 02	FF	Raccordo doppia check Double check fitting	20-100-240
RU 31KIT EF 03	FF	Raccordo doppia check alta temperatura Double check high temperature fitting	20-100-240
RU 31KIT EF 04	FF	Raccordo check singola alta temperatura Single check high temperature fitting	20-100-240

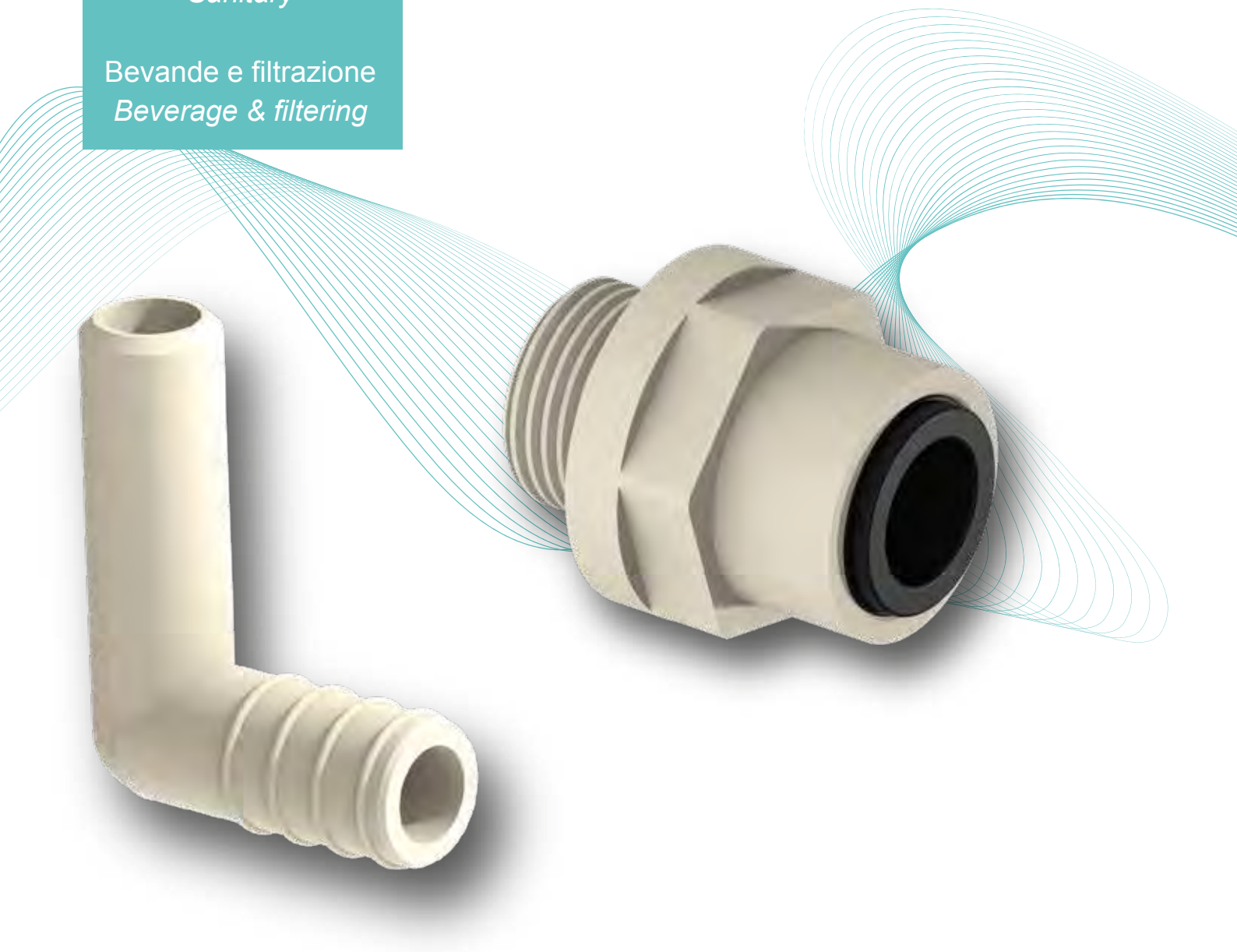
Applicazioni / *Applications*

Vapore e caffè
Coffee & Steam

Elettrodomestici
Household appliances

Sanitari
Sanitary

Bevande e filtrazione
Beverage & filtering



RPE offre una vasta gamma di raccordi, progettati in differenti forme e materiali per soddisfare qualsiasi necessità di utilizzo.

RPE offers a wide range of fittings, available in different shapes and materials for any use.

CARATTERISTICHE FISICHE *PHYSICAL SPECIFICATIONS*

Corpo raccordo Body	PA 66 - 30% FV / PA 66 - 30%GF

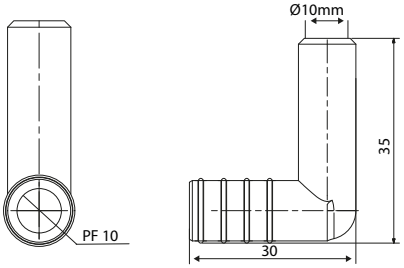
CARATTERISTICHE DI LAVORO *WORKING SPECIFICATIONS*

Pressione di esercizio Working pressure	PA: 0 – 10 bar
Temperatura ambiente Room temperature	PA: Max Tu 60°C
Temperatura fluido Fluid temperature	PA: Max Tm 90°C
Diametro nominale Orifice	Da DN 3 mm a DN 8,5 mm DN 3 mm to DN 8,5 mm
Direzione fluido Flow direction	Bidirezionale Bidirectional

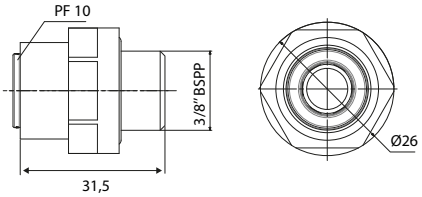
PUNTI DI FORZA / *HIGHLIGHTS*

- **Assemblaggio in qualsiasi posizione / *Assembly in any position***
- **Connessioni rapide / *Quick connections***
- **Compatibili con più accessori (filtri, valvole di non ritorno) / *Compatible with multiple accessories (filters, check valve)***
- **Materiali certificati / *Certified materials***

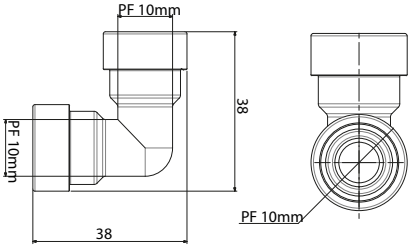
RACCORDI / *FITTINGS*



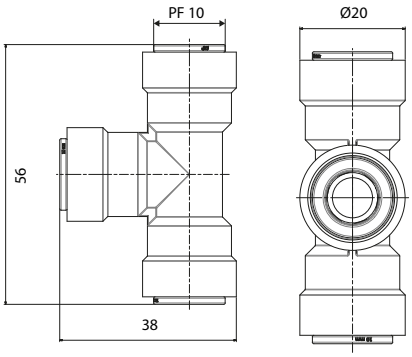
MODELLO MODEL	INLET	OUTLET	DIAMETRO NOMINALE NOMINAL DIAMETER	PRESS. ESERCIZIO WORKING PRESSURE	TEMP. AMBIENTE ROOM TEMP.	TEMP. FLUIDO FLUID TEMP.	M.O.Q. (pcs)
F3163000	PF 10 mm	Codolo 10 mm Spigot 10 mm	7 mm	0 – 10 bar	60°C	60°C	100-500



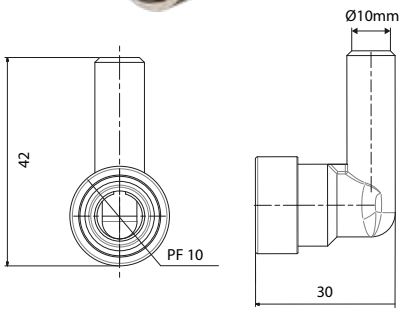
MODELLO MODEL	INLET	OUTLET	DIAMETRO NOMINALE NOMINAL DIAMETER	PRESS. ESERCIZIO WORKING PRESSURE	TEMP. AMBIENTE ROOM TEMP.	TEMP. FLUIDO FLUID TEMP.	M.O.Q. (pcs)
F3153000	3/8"BSPP	PF 10 mm	8 mm	0 – 10 bar	60°C	60°C	100-500



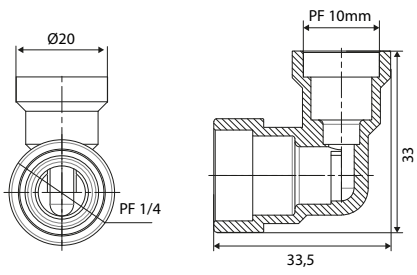
MODELLO MODEL	INLET	OUTLET	DIAMETRO NOMINALE NOMINAL DIAMETER	PRESS. ESERCIZIO WORKING PRESSURE	TEMP. AMBIENTE ROOM TEMP.	TEMP. FLUIDO FLUID TEMP.	M.O.Q. (pcs)
F3154000	PF 10 mm	PF 10 mm	8,5 mm	0 – 10 bar	60°C	60°C	100-500



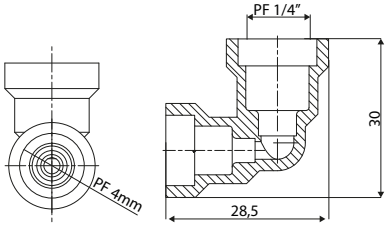
MODELLO MODEL	INLET	OUTLET	DIAMETRO NOMINALE NOMINAL DIAMETER	PRESS. ESERCIZIO WORKING PRESSURE	TEMP. AMBIENTE ROOM TEMP.	TEMP. FLUIDO FLUID TEMP.	M.O.Q. (pcs)
F3155000	PF 10 mm	PF 10 mm	8,5 mm	0 – 10 bar	60°C	60°C	100-500



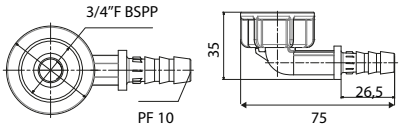
MODELLO MODEL	INLET	OUTLET	DIAMETRO NOMINALE NOMINAL DIAMETER	PRESS. ESERCIZIO WORKING PRESSURE	TEMP. AMBIENTE ROOM TEMP.	TEMP. FLUIDO FLUID TEMP.	M.O.Q. (pcs)
F3160000	PF 10 mm	Codolo 10 mm Spigot 10 mm	7 mm	0 – 10 bar	60°C	60°C	100-500



MODELLO MODEL	INLET	OUTLET	DIAMETRO NOMINALE NOMINAL DIAMETER	PRESS. ESERCIZIO WORKING PRESSURE	TEMP. AMBIENTE ROOM TEMP.	TEMP. FLUIDO FLUID TEMP.	M.O.Q. (pcs)
F3161000	PF 10 mm	PF ¼"	4,5 mm	0 – 10 bar	60°C	60°C	100-500

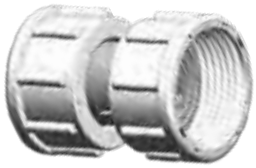


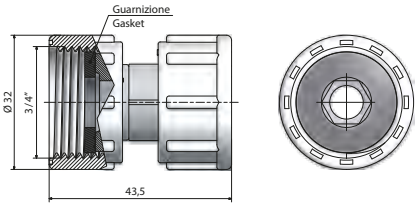
MODELLO MODEL	INLET	OUTLET	DIAMETRO NOMINALE NOMINAL DIAMETER	PRESS. ESERCIZIO WORKING PRESSURE	TEMP. AMBIENTE ROOM TEMP.	TEMP. FLUIDO FLUID TEMP.	M.O.Q. (pcs)
F3162000	PF 4 mm	PF ¼"	3 mm	0 – 10 bar	60°C	60°C	100-500



MODELLO MODEL	INLET	OUTLET	DIAMETRO NOMINALE NOMINAL DIAMETER	PRESS. ESERCIZIO WORKING PRESSURE	TEMP. AMBIENTE ROOM TEMP.	TEMP. FLUIDO FLUID TEMP.	M.O.Q. (pcs)
F3152100	¾" BSPP	PF 10 mm	6 mm	0 – 10 bar	25°C	90°C	100-250

MANICOTTO CON GHIERA / *COUPLING WITH NUT*

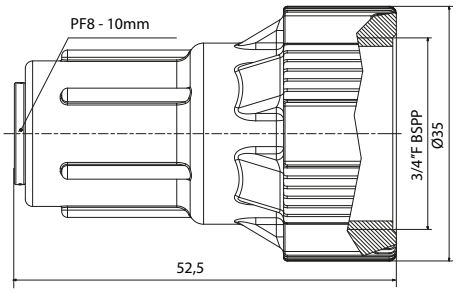




MODELLO MODEL	CONNESSIONE CONNECTION	M.O.Q. (pcs)
HF2513100	3/4" F BSPP	100-250

Legenda/Legend: PF = Push fit/ Attacco rapido PG = Portagomma / Hose tail Codolo = Spigot

RACCORDI ¾ F / *¾ F FITTINGS*

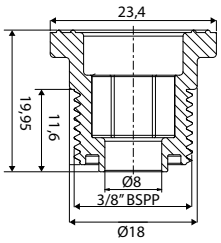


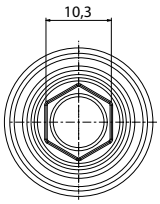
MODELLO MODEL	INLET	OUTLET	COLORE COLOR	FILTRO FILTER	GUARNIZIONE GASKET	CHECK VALVE CON INGRESSO VERSO FILETTO CHECK VALVE WITH INLET TOWARD THREAD	CHECK VALVE CON INGRESSO VERSO PF CHECK VALVE WITH INLET TOWARD PF	DIREZIONE FLUSSO FLOW DIRECTION	M.O.Q. (pcs)
E3120100	3/4" BSPP	PF 8 mm	Nero / Black	✓	✓				100-250
E3120101	3/4" BSPP	PF 8 mm	Nero / Black	✓	✓	✓		OUT →	100-250
E3120102	3/4" BSPP	PF 8 mm	Bianco / White		✓		✓	← IN	100-250
E3120103	3/4" BSPP	PF 8 mm	Bianco / White		✓				100-250
E3120104	3/4" BSPP	PF 8 mm	Bianco / White	✓	✓				100-250
E3120105	3/4" BSPP	PF 8 mm	Bianco / White		✓	✓		OUT →	100-250
E3120200	3/4" BSPP	PF 10 mm	Nero / Black	✓	✓				100-250
E3120201	3/4" BSPP	PF 10 mm	Nero / Black	✓	✓	✓		OUT →	100-250
E3120202	3/4" BSPP	PF 10 mm	Bianco / White		✓		✓	← IN	100-250
E3120203	3/4" BSPP	PF 10 mm	Bianco / White		✓				100-250

Legenda/Legend: PF = Push fit/ Attacco rapido

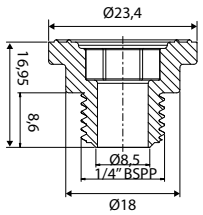
CON FILTRO / *WITH FILTER CON CHECK VALVE / WITH CHECK VALVE*

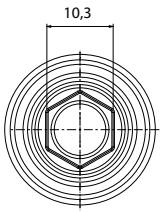
GIUNTI PER MANICOTTO / *COUPLING FOR SLEEVE*



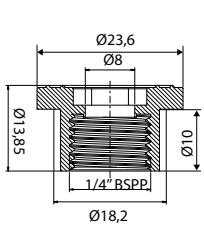


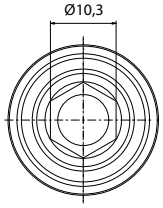
MODELLO MODEL	CONNESSIONE GIUNTO JOINTS CONNECTION	GHIERA COUPLING	COLORE COLOR	M.O.Q. (pcs)
HC2514000	3/8" BSPP	¾ BSPP	NERO / BLACK	100-500
HC2514100	3/8" BSPP	¾ BSPP	BIANCO / WHITE	100-500





MODELLO MODEL	CONNESSIONE GIUNTO JOINTS CONNECTION	GHIERA COUPLING	COLORE COLOR	M.O.Q. (pcs)
HC2514001	¼"BSPP	¾ BSPP	NERO / BLACK	100-500
HC2514101	¼"BSPP	¾ BSPP	BIANCO / WHITE	100-500





MODELLO MODEL	CONNESSIONE GIUNTO JOINTS CONNECTION	GHIERA COUPLING	COLORE COLOR	M.O.Q. (pcs)
HC2515000	¼"BSPP	¾ BSPP	NERO / BLACK	100-500
HC2515100	¼"BSPP	¾ BSPP	BIANCO / WHITE	100-500

Raccordi Alta Temperatura

High Temperature Fittings

Applicazioni / *Applications*

Vapore e caffè
Coffee & Steam

Elettrodomestici
Household appliances

Bevande e filtrazione
Beverage & filtering

Medicale e riuniti dentali
Medical & dental units

Raccordi ad Alta temperatura
High Temperature Fittings

I Raccordi della famiglia “alta temperatura” sono destinati ad applicazioni ad alte temperature (fino a 140°).

High temperature range is a complete range fittings for high temperature applications (up to 140°).

CARATTERISTICHE FISICHE *PHYSICAL SPECIFICATIONS*

Corpo raccordo Body	PPSU-PPS

CARATTERISTICHE DI LAVORO *WORKING SPECIFICATIONS*

Pressione di esercizio Working pressure	Fino a 20 bar Up to 20 bar
Temperatura ambiente Room temperature	Max Tu 80°C
Temperatura fluido Fluid temperature	Max Tm 140°C
Direzione fluido Flow direction	Bidirezionale Bidirectional

PUNTI DI FORZA / *HIGHLIGHTS*

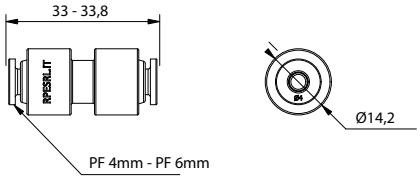
- **Assemblaggio in qualsiasi posizione / *Assembly in any position***
- **Resistenza alle alte temperature / *High temperature resistance***
- **Connessioni rapide / *Quick connections***
- **Compatibili con più accessori (filtri, valvole di non ritorno) / *Compatible with multiple accessories (filters, check valve)***
- **Materiali certificati / *Certified materials***

Raccordi ad alta temperatura

High temperature fittings

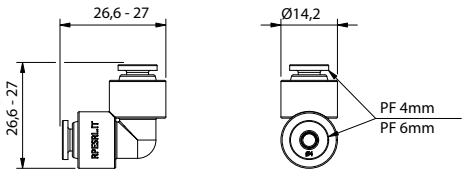
RACCORDI PPSU / *PPSU FITTINGS*

STRAIGHT CONNECTOR FOR TUBE 4mm - 6mm



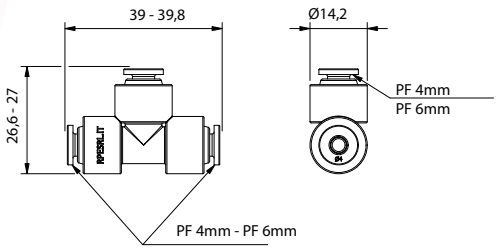
MODELLO MODEL	TIPO TYPE	CONNESSIONI CONNECTIONS	M.O.Q. (pcs)
F31CA000	I 180°	PF 4 – PF 4	100-1000
F31CA010	I 180°	PF 6 – PF 6	100-1000

ELBOW CONNECTOR FOR TUBE 4mm - 6mm

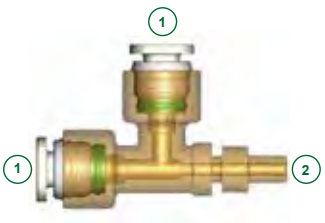


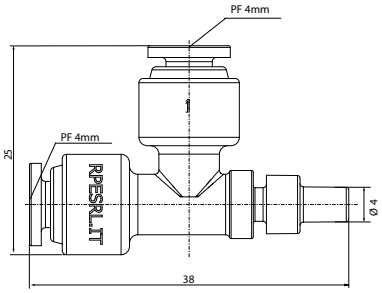
MODELLO MODEL	TIPO TYPE	CONNESSIONI CONNECTIONS	M.O.Q. (pcs)
F31FA000	L 90°	PF 4 – PF 4	100-1000
F31FA010	L 90°	PF 6 – PF 6	100-1000

T-CONNECTOR FOR TUBE 4mm - 6mm



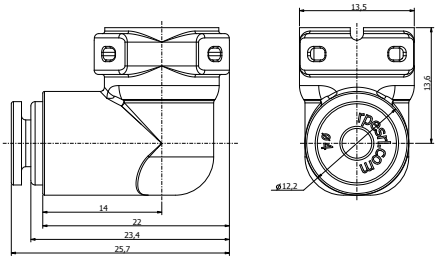
MODELLO MODEL	TIPO TYPE	CONNESSIONI CONNECTIONS	M.O.Q. (pcs)
F31GA000	T	PF 4 – PF 4	100-1000
F31GA010	T	PF 6 – PF 6	100-500



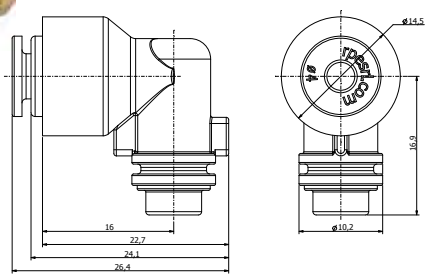


MODELLO MODEL	CONNESSIONE 1 1 CONNECTION	CONNESSIONE 2 2 CONNECTIONS	M.O.Q. (pcs)
F31GA170	ATTACCO RAPIDO PUSH FIT 4MM	FORCHETTA FORK Ø 4MM	100

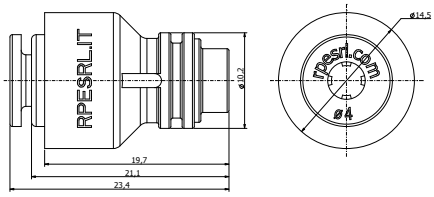
Legenda/Legend: PF = Push fit/ Attacco rapido



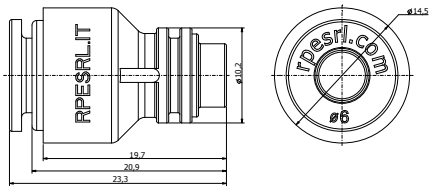
MODELLO MODEL	CONNESSIONE 1 1 CONNECTION	CONNESSIONE 2 2 CONNECTIONS	M.O.Q. (pcs)
F31FA110	FORCHETTA TU FEMMINA TU FORK FEMALE	PF 4 mm	100-1000



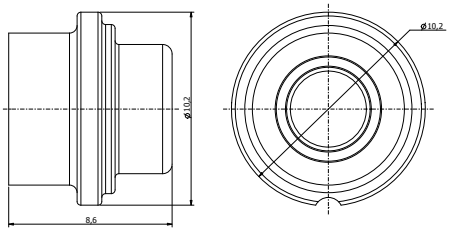
MODELLO MODEL	CONNESSIONE 1 1 CONNECTION	CONNESSIONE 2 2 CONNECTIONS	M.O.Q. (pcs)
F31FA120	FORCHETTA TU MASCHIO TU FORK MALE	PF 4 mm	100-1000



MODELLO MODEL	CONNESSIONE 1 1 CONNECTION	CONNESSIONE 2 2 CONNECTIONS	M.O.Q. (pcs)
F31CA120	FORCHETTA TU MASCHIO TU FORK MALE	PF 4 mm	100-1000



MODELLO MODEL	CONNESSIONE 1 1 CONNECTION	CONNESSIONE 2 2 CONNECTIONS	M.O.Q. (pcs)
F31CA140	FORCHETTA TU MASCHIO TU FORK MALE	PF 6 mm	100-1000

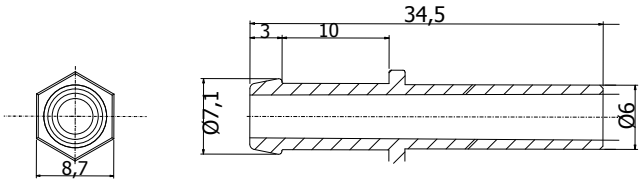


MODELLO MODEL	CONNESSIONE 1 1 CONNECTION	M.O.Q. (pcs)
D3122A00	TAPPO PPSU MASCHIO PPSU CAP MALE	100-1000

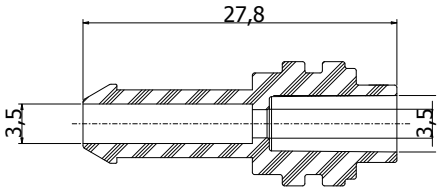
Raccordi ad alta temperatura
High temperature fittings

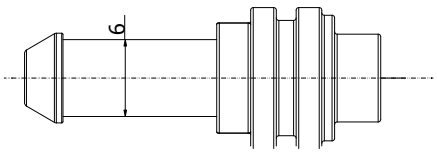
RACCORDI PPS / *PPS FITTINGS*

MODELLO MODEL	CONNESSIONE 1 1 CONNECTION	CONNESSIONE 2 2 CONNECTIONS	M.O.Q. (pcs)
F31EB070	CODOLO Ø 6 mm SPIGOT Ø 6 mm	PORTAGOMMA Ø 6 MM HOSE TAIL Ø 6 MM	400-2000

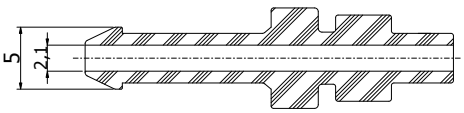


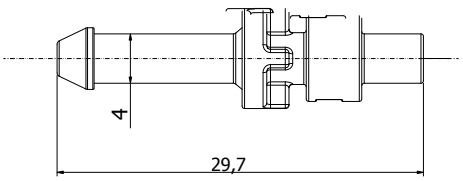
MODELLO MODEL	CONNESSIONE 1 1 CONNECTION	CONNESSIONE 2 2 CONNECTIONS	M.O.Q. (pcs)
F31EB150	PORTAGOMMA Ø 6 MM HOSE TAIL Ø 6 MM	MASCHIO FORCHETTA SERIE VAPORE MALE FORK STEAM SERIES	400-2000





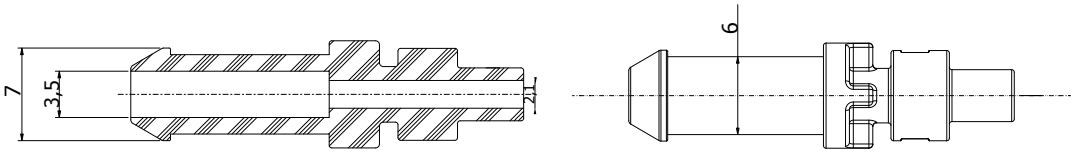
MODELLO MODEL	CONNESSIONE 1 1 CONNECTION	CONNESSIONE 2 2 CONNECTIONS	M.O.Q. (pcs)
F31EB160	PORTAGOMMA Ø 4 MM HOSE TAIL Ø 4 MM	MASCHIO FORCHETTA SERIE TV MALE FORK TV SERIES	400-2000



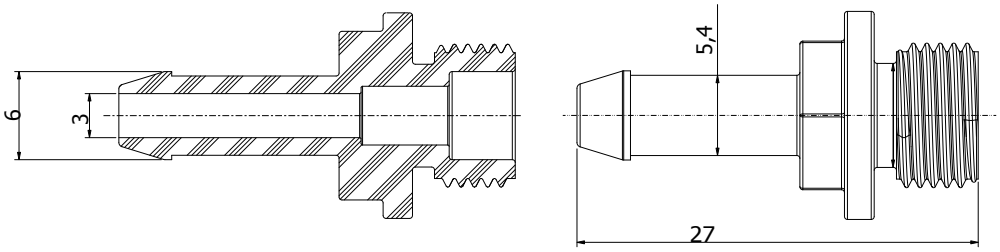


RACCORDI PPSU / *PPSU FITTINGS*

MODELLO MODEL	CONNESSIONE 1 1 CONNECTION	CONNESSIONE 2 2 CONNECTIONS	M.O.Q. (pcs)
F31EB180	PORTAGOMMA Ø 6 MM HOSE TAIL Ø 6 MM	MASCHIO FORCHETTA SERIE TV MALE FORK TV SERIES	400-2000



MODELLO MODEL	CONNESSIONE 1 1 CONNECTION	CONNESSIONE 2 2 CONNECTIONS	M.O.Q. (pcs)
F31ICB200 4A	PORTAGOMMA Ø 6 MM Ø 6 MM HOSE TAIL	1/8” M BSPP	1440
F31ICB200 6B	PORTAGOMMA Ø 6 MM Ø 6 MM HOSE TAIL	1/8” M BSPP	1440



Raccordi portata sensore
Sensor holder fittings

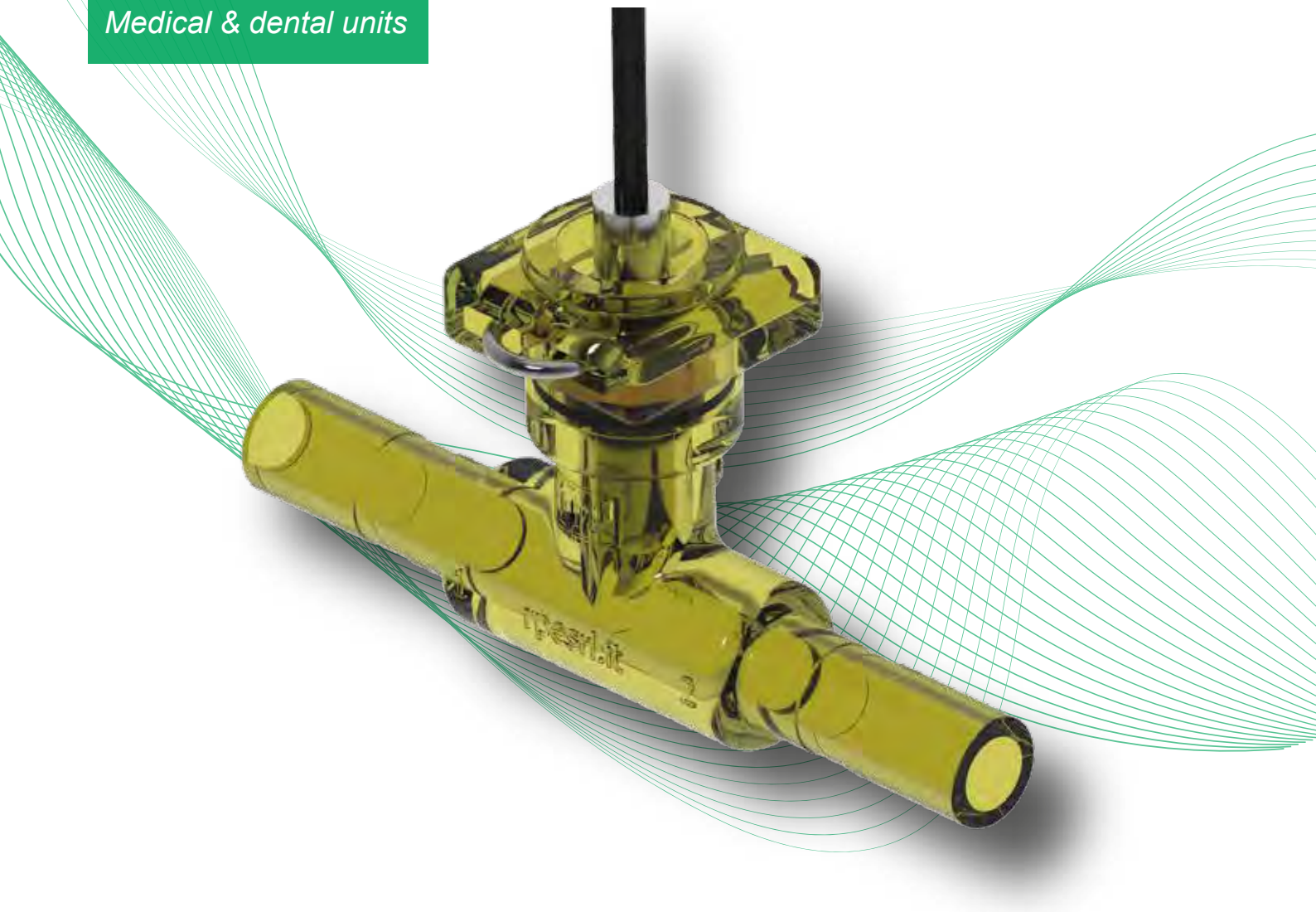
Applicazioni / *Applications*

Vapore e caffè
Coffee & Steam

Elettrodomestici
Household appliances

Bevande e filtrazione
Beverage & filtering

Medicale e riuniti dentali
Medical & dental units



Il Raccordo Porta Sensore RPE è disponibile in due versioni: con corpo in POM per applicazioni a basse temperature e in materiale PPSU per le applicazioni ad alte temperature (fino a 140°C).
Disponibile su richiesta il Raccordo con già assemblato il Sensore di Temperatura.

The RPE Sensor Holder is available in two versions: with POM body for low temperature applications and PPSU material for high temperature applications (up to 140° C).
Fitting with assembled Temperature Sensor available upon request.

CARATTERISTICHE FISICHE *PHYSICAL SPECIFICATIONS*

Corpo raccordo Body	PA 66 - 30% FV / PA 66 - 30%GF - POM - PPSU

CARATTERISTICHE DI LAVORO *WORKING SPECIFICATIONS*

Pressione di esercizio Working pressure	0 – 25 bar
Temperatura ambiente Room temperature	0°C – 60°C (PA 66 - 30% FV) 0°C – 60°C (POM) 0°C – 140°C (PPSU)
Temperatura fluido Fluid temperature	Bidirezionale Bidirectional
Diametro di passaggio Nominal diameter	Ø 6 mm (PPSU) Ø 8 mm (POM+PA 66 - 30% FV)

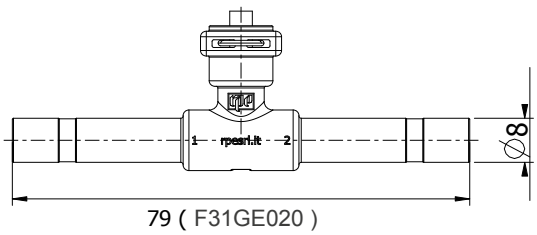
PUNTI DI FORZA / *HIGHLIGHTS*

- **Possibilità di installazione in qualsiasi posizione senza compromettere il funzionamento**
  Possibility of installation in any position without compromising the functioning
- **Resistenza fino ad alte temperature (versione in PPSU fino a 140°C)**
  Resistance to high temperatures (PPSU model up to 140° C)
- **Materiali certificati / *Certified materials***
- **Installazione di diverse tipologie di sensore / *Installation of different sensor types***

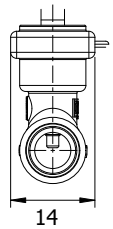
Raccordi portata sensore
Sensor holder fittings

RACCORDI PORTA SENSORI / *SENSOR HOLDER*

MODELLO MODEL	MATERIALE MATERIAL	INLET	OUTLET	ATTACCO SUPERIORE UPPER CONNECTION	M.O.Q. (pcs)
F31GE020	PA 66 - 30% FV PA 66 - 30% GF	CODOLO Ø8 SPIGOT Ø8	CODOLO Ø8 SPIGOT Ø8	SEDE PER SONDA PROBE SEAT	100-500
F31GD020	POM	CODOLO Ø8 SPIGOT Ø8	CODOLO Ø8 SPIGOT Ø8	SEDE PER SONDA PROBE SEAT	100-500



79 (F31GE020)
78 (F31GD020)



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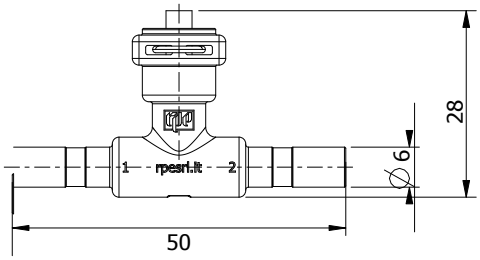
MODELLO MODEL	MATERIALE MATERIAL	INLET	OUTLET	ATTACCO SUPERIORE UPPER CONNECTION	M.O.Q. (pcs)
F31GA030	PPSU	CODOLO Ø6 SPIGOT Ø6	CODOLO Ø6 SPIGOT Ø6	SEDE PER SONDA PROBE SEAT	100-500



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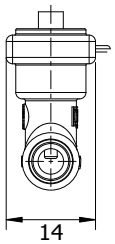

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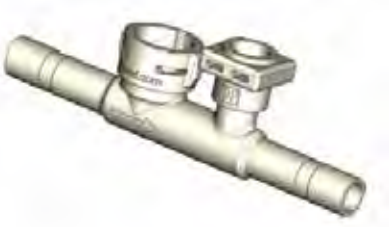
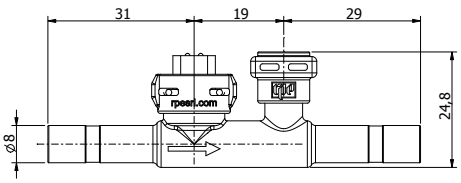
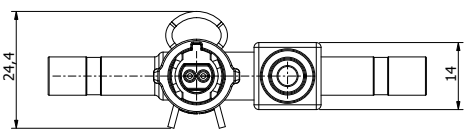


MODELLO MODEL	MATERIALE MATERIAL	INLET	OUTLET	ATTACCO SUPERIORE 1 UPPER CONNECTION 1	ATTACCO SUPERIORE 2 UPPER CONNECTION 2	M.O.Q. (pcs)
F31JE210	POM	CODOLO Ø8 SPIGOT Ø8	CODOLO Ø8 SPIGOT Ø8	FORCHETTA TV TV FORK	FORCHETTA VAPORE STEAM FORK	50-300



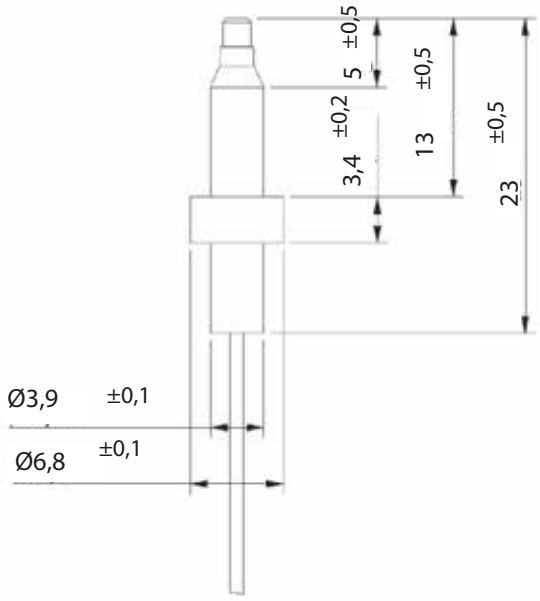


Caratteristiche tecniche sensore
Technical characteristics sensor

I raccordi porta sensore sono stati progettati per ospitare sensori con quote come da dimensionale.

RPE sensor holders have been designed to accommodate sensor with dimensions as per dimensional drawing.

SENSORE TEMPERATURA / *TEMPERATURE SENSOR*



MODELLO MODEL	CAVO/WIRE	M.O.Q. (pcs)
HE29010A0	200 mm	1000

CARATTERISTICHE DI RESISTENZA ALLA TEMPERATURA / RESISTANCE TEMPERATURE CHARACTERISTICS

TEMP. (°C)	$R_{(T)}/R_{25}$	RESISTANCE(Ω)	ΔR/R (%)	α (%K)	ΔT(K)	$R_{MIN.}$(Ω)	$R_{MAX.}$(Ω)
-25	12.990	129 900	4.39	-5.99	0.73	124 202	135 598
-20	9.676	96 761	4.22	-5.79	0.73	92 675	100 848
-15	7.276	72 765	4.07	-5.61	0.73	69 806	75 723
-10	5.522	55 218	3.92	-5.43	0.72	53 056	57 380
-5	4.2270	42 268	3.77	-5.26	0.72	40 674	43 861
0	3.262	32 624	3.63	-5.10	0.71	31 440	33 808
5	2.538	25 381	3.49	-4.94	0.71	24 494	26 268
10	1.990	19 897	3.36	-4.80	0.70	19 227	20 566
15	1.571	15 711	3.24	-4.65	0.70	15 202	16 220
20	1.249	12 493	3.12	-4.52	0.69	12 103	12 882
25	1.000	10 000	3.00	-4.39	0.68	9700.0	10 300
30	0.8056	8056.0	3.11	-4.26	0.73	7805.1	8306.8
35	0.6530	6529.7	3.22	-4.14	0.78	6319.3	6740.2
40	0.5324	5323.9	3.33	-4.03	0.83	5146.6	5501.1
45	0.4365	4365.3	3.43	-3.92	0.88	4215.4	4515.1
50	0.3599	3598.7	3.53	-3.81	0.93	3471.6	3725.8
55	0.2982	2982.3	3.63	-3.71	0.98	2874.0	3090.5
60	0.2484	2483.8	3.72	-3.61	1.03	2391.3	2576.3
65	0.2079	2078.7	3.81	-3.51	1.09	1999.4	2157.9
70	0.1748	1747.7	3.90	-3.42	1.14	1679.5	1815.9
75	0.1476	1475.9	3.99	-3.34	1.20	1417.1	1534.8
80	0.1252	1251.8	4.07	-3.25	1.25	1200.8	1302.8
85	0.1066	1066.1	4.15	-3.17	1.31	1021.8	1110.4
90	0.09116	911.59	4.23	-3.09	1.37	873.01	950.16
95	0.07825	782.46	4.31	-3.02	1.43	748.75	816.17
100	0.06741	674.11	4.38	-2.94	1.49	644.56	703.66
105	0.05828	582.84	4.46	-2.87	1.55	556.87	608.82

DISCLAIMER Le sonde non vengono testate da RPE srl Sensor are not tested by RPE srl

Valvola di Sovrapressione
Overpressure Valve

Applicazioni / *Applications*

Vapore e caffè
Coffee & steam

Valvola di Sovrapressione
Overpressure Valve

La valvola di Sovrapressione RPE consente la gestione ed il controllo della pressione in eccesso.

The RPE Overpressure valve allows the management and control of excess pressure.

CARATTERISTICHE FISICHE *PHYSICAL SPECIFICATIONS*

Corpo valvola Valve body	PPSU - TECHNYL
Puntalino Sealing	FKM - EPDM
Nucleo Spring	PPS
Molla Spring	AISI 316
Assemblaggio Assembly	Clip

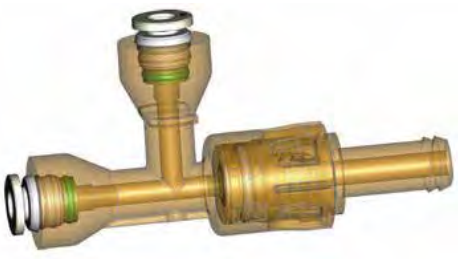
CARATTERISTICHE DI LAVORO *WORKING SPECIFICATIONS*

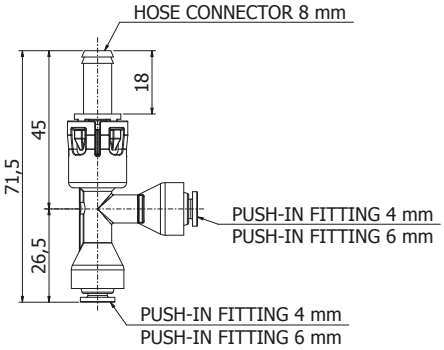
Pressione di esercizio Working pressure	0 – 18 bar
Rilascio sovrapressione Overpressure release	4 bar ± 0.5 bar 7 bar ± 0.5 ba 9,5 bar ± 1 barr 12 bar ± 0.5 bar 15 bar ± 1 bar 11 bar ± 1 bar (PA 66 VERSION)
Temperatura fluido Fluid temperature	140° C PA 66 60° C (TECHNYL VERSION)
Direzione fluido Flow direction	Bidirezionale Bidirectional
Diametro di passaggio Nominal diameter	Ø 4 mm - Ø 6 mm - ø3,5 mm Ø 1/8 mm (PA 66 VERSION)

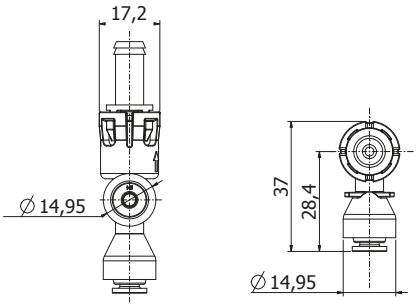
PUNTI DI FORZA / *HIGHLIGHTS*

- **Tenuta fino ad alte temperature / *Tightness to high temperatures***
- **Gestione e controllo della pressione in eccesso / *Excess pressure management and control***
- **Disponibile in differenti range di pressione / *Available in different pressure range***

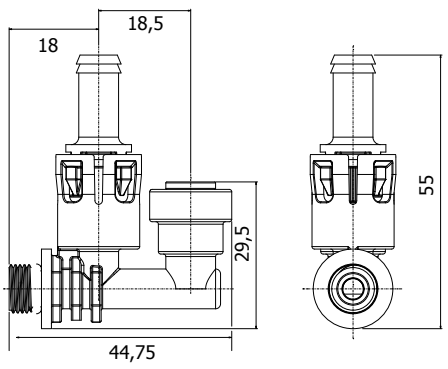
Valvola di Sovrapressione
Overpressure Valve





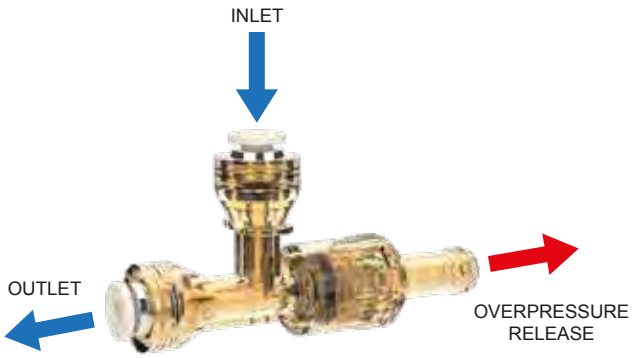


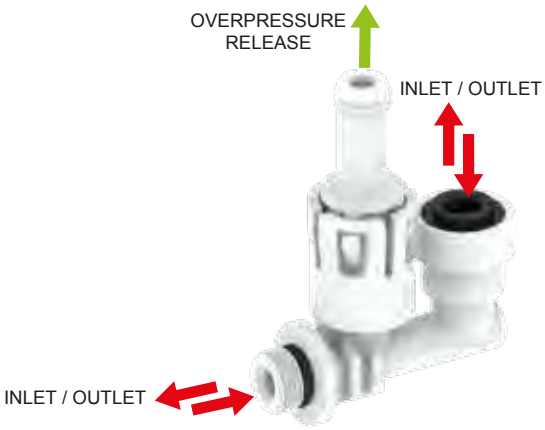
MODELLO MODEL	RILASCIO SOVRAPRESSIONE OVERPRESSURE RELEASE	INLET-OUTLET	SOVRAPPRESSIONE OVERPRESSURE	M.O.Q. (pcs)
F350A33675040	4 bar ± 0.5 bar	ATTACCO RAPIDO PUSH FIT 4 MM	PORTAGOMMA HOSE TAIL 8 MM	100-250
F350A33675070	7 bar ± 0.5 bar	ATTACCO RAPIDO PUSH FIT 4 MM	PORTAGOMMA HOSE TAIL 8 MM	100-250
F350A33675120	12 bar ± 1 bar	ATTACCO RAPIDO PUSH FIT 4 MM	PORTAGOMMA HOSE TAIL 8 MM	100-250
F350A33675150	15 bar ± 1 bar	ATTACCO RAPIDO PUSH FIT 4 MM	PORTAGOMMA HOSE TAIL 8 MM	100-250
F350A44675040	4 bar ± 0.5 bar	ATTACCO RAPIDO PUSH FIT 6 MM	PORTAGOMMA HOSE TAIL 8 MM	100-250
F350A44665070	7 bar ± 0.5 bar	ATTACCO RAPIDO PUSH FIT 6 MM	PORTAGOMMA HOSE TAIL 8 MM	100-250
F350A44675095	9,5 bar ± 1 bar	ATTACCO RAPIDO PUSH FIT 6 MM	PORTAGOMMA HOSE TAIL 8 MM	100-250
F350A44665120	12 bar ± 1 bar	ATTACCO RAPIDO PUSH FIT 6 MM	PORTAGOMMA HOSE TAIL 8 MM	100-250
F350A44675150	15 bar ± 1 bar	ATTACCO RAPIDO PUSH FIT 6 MM	PORTAGOMMA HOSE TAIL 8 MM	100-250



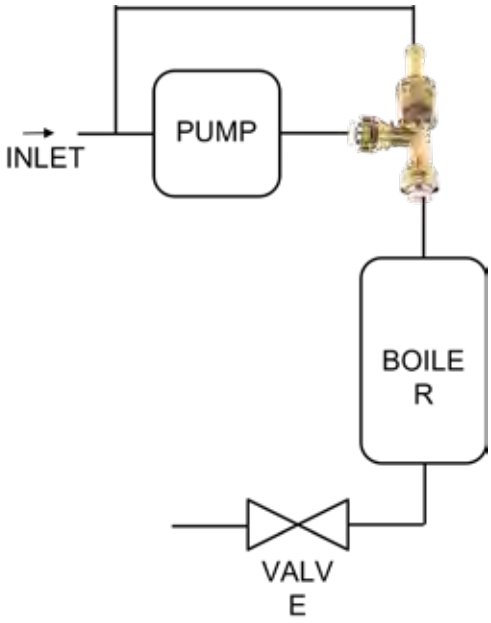
MODELLO MODEL	RILASCIO SOVRAPRESSIONE OVERPRESSURE RELEASE	INLET-OUTLET	SOVRAPPRESSIONE OVERPRESSURE	M.O.Q. (pcs)
F351E9A675110 (PA66 VERSION)	11 bar ± 1 bar	IN 1/8" OUT ATTACCO RAPIDO PUSHFIT 6MM	PORTAGOMMA HOSE TAIL 8 MM	100-250

SCHEMA DI FUNZIONAMENTO SOVRAPRESSIONE / *OVERPRESSURE WORKING SCHEME*

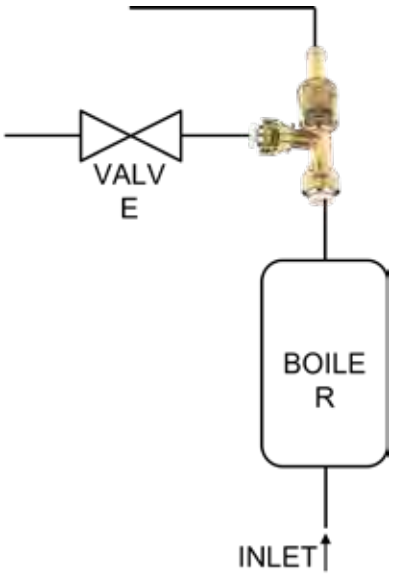




ESEMPIO CIRCUITO 1 / *CIRCUIT EXAMPLE 1*



ESEMPIO CIRCUITO 2 / *CIRCUIT EXAMPLE 2*



Collettori
Manifolds

Applicazioni / *Applications*

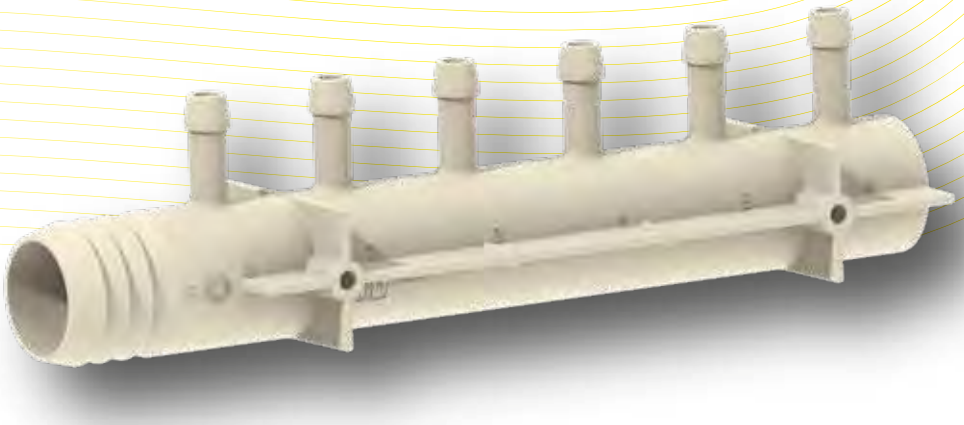
Sanitari
Sanitary

Medicale e riuniti dentali
Medical & dental units

Bevande e filtrazione
Beverage & filtering

Irrigazione
Irrigation

Elettrodomestici
Household appliances



Collettore con 4 connessioni (2 connessioni ¾ M e 2 ¾ F) in Nylon. Disponibile modello con tappo di fine linea.

Manifold with 4 connections (2 connections ¾ M and 2 ¾ F) in Nylon. Available model with end of line cap.

CARATTERISTICHE FISICHE *PHYSICAL SPECIFICATIONS*

Corpo Body	PA 66 - 30% FV PA 66 - 30% GF
Guarnizioni O-ring	NBR/LSR

CONNESSIONI IDRAULICHE *HYDRAULIC CONNECTIONS*

Ingressi Inlet	¾”M ; ¾”F
Uscite Outlet	¾”M ; ¾”F

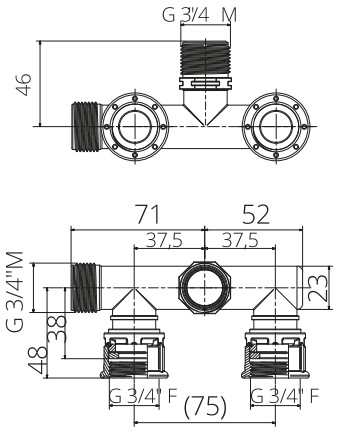
CARATTERISTICHE DI LAVORO *WORKING SPECIFICATIONS*

Pressione di esercizio Working pressure	0 - 10 bar
Temperatura ambiente Room temperature	Tu 60°C
Temperatura fluido Fluid temperature	Tm 25°C
Diametro nominale Orifice	DN 19 mm

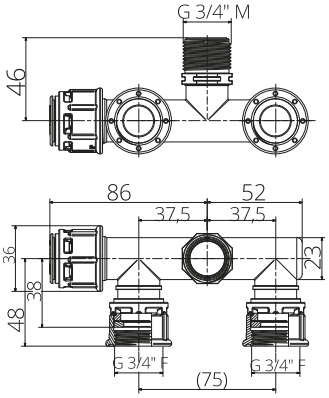
PUNTI DI FORZA / *HIGHLIGHTS*

- **Montaggio in qualsiasi posizione senza compromettere il funzionamento**
  Installation in any position without compromising the functionality
- **Materiali certificati / *Certified materials***
- **Versatilità / *Versatility***
- **Disponibile montaggio check valve nelle connessioni / *Check valve mounting available on connections***

COLLETTORE DN19 / *DN19 MANIFOLD*



MODELLO MODEL	MONTAGGIO CON STAFFA MOUNTING WITH BRACKET	INSTALLAZIONE VALVOLA DI NON RITORNO CHECK VALVE INSTALLATION	INSTALLAZIONE FILTRO REGOLATORE DI FLUSSO SU 3/4" FLOW RESTRICTORS AND FILTER INSTALLATION ON 3/4"	TAPPO DI CHIUSURA END CAP	M.O.Q. (pcs)
F3150000	✓	✓	✓	X	10-50
F3150001	X	X	✓	X	10-50
F3150100	X	X	X	✓	10-50
F3150101	X	X	✓	✓	10-50
F3150101Z	X	X	X	✓ (LATERALE/LATERAL)	10-50
F3150102	X	X	X	✓ (SOPRA/ON TOP)	10-50



MODELLO MODEL	MONTAGGIO CON STAFFA MOUNTING WITH BRACKET	INSTALLAZIONE VALVOLA DI NON RITORNO CHECK VALVE INSTALLATION	INSTALLAZIONE FILTRO REGOLATORE DI FLUSSO SU 3/4" FLOW RESTRICTORS AND FILTER INSTALLATION ON 3/4"	TAPPO DI CHIUSURA END CAP	M.O.Q. (pcs)
F3150100	✓	✓	✓	✓	10-50

Collettore in nylon con ingresso portagomma diametro 25,4 mm e, a scelta, 6/8 uscite portagomma diametro 6,5 mm.

Nylon manifold with one 25,4 mm diameter hose tail inlet and 6 or 8 6,5 mm diameter hose tail outlet.

CARATTERISTICHE FISICHE *PHYSICAL SPECIFICATIONS*

Corpo Body	PA 66 – 30% FV PA 66 – 30% GF
Assemblaggio Assembly	Viti / Screws

CONNESSIONI IDRAULICHE *HYDRAULIC CONNECTIONS*

Portagomma Hose connectors	1 x DN 25,4 mm 6/8 x DN 6,5 mm

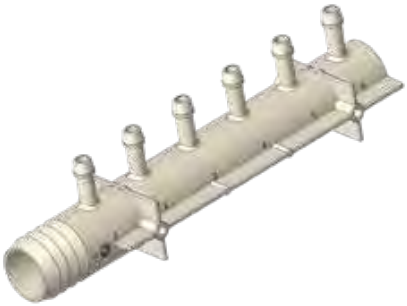
CARATTERISTICHE DI LAVORO *WORKING SPECIFICATIONS*

Pressione di esercizio Working pressure	0 - 10 bar
Temperatura ambiente Room temperature	Max 60°C
Temperatura fluido Fluid temperature	Max 25°C
Diametro di passaggio Nominal Diameter	1x DN 20 mm 6/8 x DN 4,57 mm

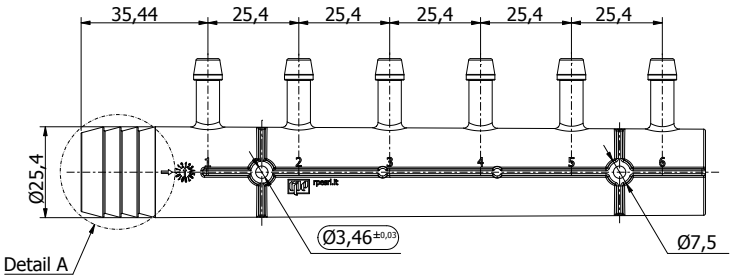
PUNTI DI FORZA / *HIGHLIGHTS*

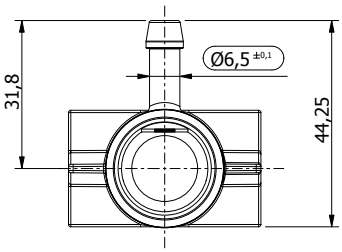
- **Versatilità / *Versatility***
- **Materiali certificati / *Certified materials***
- **Resistente / *Durable***
- **Uscite multiple / *Multiple outlets***

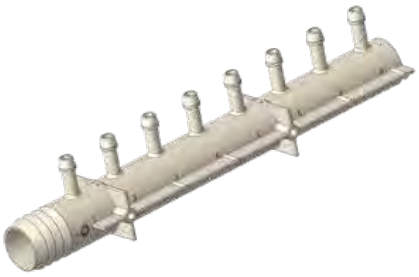
COLLETTORE 6/8 PORTAGOMMA / *6/8 HOSE TAIL MANIFOLD*



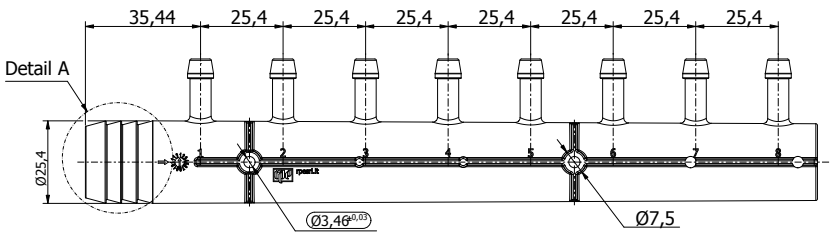
MODELLO MODEL	ASSEMBLAGGIO CON VITI ASSEMBLY WITH SCREWS	6 USCITE 6 OUTLETS	8 USCITE 8 OUTLETS	M.O.Q. (pcs)
F3190000	✓	✓	X	30

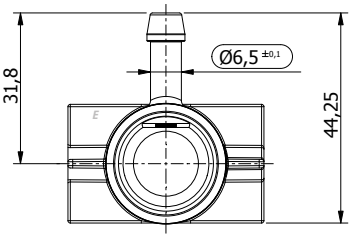






MODELLO MODEL	ASSEMBLAGGIO CON VITI ASSEMBLY WITH SCREWS	6 USCITE 6 OUTLETS	8 USCITE 8 OUTLETS	M.O.Q. (pcs)
F3191000	✓	X	✓	25





Applicazioni / *Applications*

Vapore e caffè
Coffee and steam

Elettrodomestici
Household appliances

Sanitari
Sanitary

Medicale e riuniti dentali
Medical & dental units

Bevande e filtrazione
Beverage & filtering

Irrigazione
Irrigation

Industria
Industrial

Valvola di non ritorno
Check Valve

Le Valvole di non ritorno RPE sono caratterizzate da dimensioni compatte e trovano impiego in tutte le applicazioni che richiedono una gestione unidirezionale del flusso di passaggio. La valvola di non ritorno si chiude automaticamente all'inversione del flusso di passaggio, passando da normalmente aperta a chiusa.

RPE Check Valves are characterized by compact dimensions and are used in all applications that require unidirectional management of the flow of passage. The Check Valves closes automatically when the flow of passage is reversed, passing from normally open to closed.

CARATTERISTICHE FISICHE
PHYSICAL SPECIFICATIONS

Corpo valvola Valve body	POM - PPSU
Pistone Plunger	POM - PPSU
Puntalino Plunger stelling	LSR - FKM
O-ring	LSR - FKM
Molla Spring	Acciaio Inox Stanlees Steel

CARATTERISTICHE DI LAVORO
WORKING SPECIFICATIONS

Pressione di esercizio Working pressure	0,05 – 10 bar
Temperatura ambiente Room temperature	0 - 60° C (POM) 0 - 120° C (LSR) 0 - 140° C (PPSU)
Temperatura fluido Fluid temperature	0 - 25° C (POM) 0 - 120° C (LSR) 0 - 140° C (PPSU)
Direzione fluido Flow direction	Unidirezionale Unidirectional
Diametro di passaggio Nominal diameter	DN4

PUNTI DI FORZA / *HIGHLIGHTS*

- **Installazione in qualsiasi posizione senza comprometterne il funzionamento**
  It can be installed in any position without compromising the functionality
- **Tenuta fino ad alte temperature (fino a 140°C versione in PPSU)**
  Up to high temperatures (up to 140° C PPSU version)
- **Affidabilità e versatilità / *Reliability and versatility***
- **Adatte per fluidi viscosi / *Suitable for viscous fluids***

Valvola di non ritorno
Check Valve

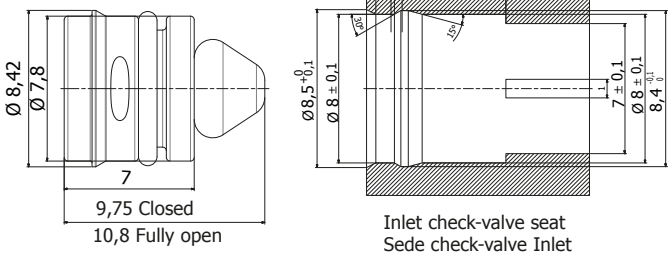
VALVOLA DI NON RITORNO / *CHECK VALVE*

MODELLO MODUL	MATERIALE MATERIAL	PUNTALINO PLUNGER STELLING	M.O.Q. (pcs)
HE0501000	POM	LSR	150-10000

MODELLO MODUL	MATERIALE MATERIAL	PUNTALINO PLUNGER STELLING	M.O.Q. (pcs)
HE0501900	PPSU	LSR	150-10000

MODELLO MODUL	MATERIALE MATERIAL	PUNTALINO PLUNGER STELLING	M.O.Q. (pcs)
HE0501907	PPSU	FKM	100

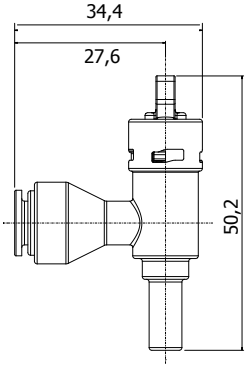
I dimensionali fanno riferimento a tutti i modelli riportati. The dimensional drawings refer to all the models shown

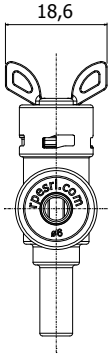


VALVOLA DI NON RITORNO / *CHECK VALVE*

MODELLO MODUL	SERIE SERIES	PUNTALINO PLUNGER STELLING	M.O.Q. (pcs)
HC2526000	SERIE R R SERIES	IN ¾'' M	100- 500
HC2527000	SERIE R - SERIE MINI R SERIES - MINI SERIES	IN/OUT PF	100
HC2518000	SERIE RC RC SERIES	IN ¾'' M	100
HE250D00G	SERIE RU RU SERIES	CHECK VALVE 10 MM + RACCORDO PER SERIE R UNIVERSALE 10 MM CHECK VALVE + FITTING FOR R SERIES UNIVERSAL	100- 500
HE250H50Z	SERIE RU RU SERIES	CHECK VALVE 8 MM + RACCORDO PER SERIE R UNIVERSALE CHECK VALVE + FITTING FOR R SERIES UNIVERSAL	100
HC250G000	SERIE RU RU SERIES	CHECK VALVE 10 MM	100
HC2526H00	SERIE R R SERIES	¾'' ALTA TEMPERATURA ¾'' HIGH TEMPERATURE	100

VALVOLA APERTURA MANUALE / *MANUAL OPENING VALVE*





MODELLO MODEL	INLET	OUTLET	DIAMETRO PASSAGGIO NOMINAL DIAMETER	CORPO BODY	O-RING	PRESSIONE PRESSURE	M.O.Q. (pcs)
F36DAA0614BV 00	PF 6 mm	CODOLO 6 MM SPIGOT 6 MM	Ø 4	PPSU	EPDM/FKM	0-15 bar	100

Staffe di fissaggio
Fixing Brackets

Le staffe di fissaggio RPE sono disponibili in due differenti materiali, ferro e plastica, per ogni esigenza di utilizzo. Compatibili con tutte le valvole della Serie R.

RPE fixing brackets are available in two different materials, iron and plastic, for every need of use. Compatible with all R Series valves.

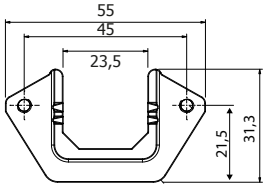
CARATTERISTICHE FISICHE
PHYSICAL SPECIFICATIONS

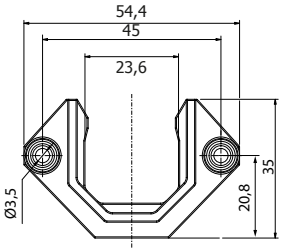
Materiale Material	Plastica - Ferro - PA 66-30% FV Plastic - Iron - PA 66-30% GF
Disponibile per Available for	Serie R: TU - TD - TV - Vapore - R4 Series R: TU - TD - TV - Steam - R4

PUNTI DI FORZA / *HIGHLIGHTS*

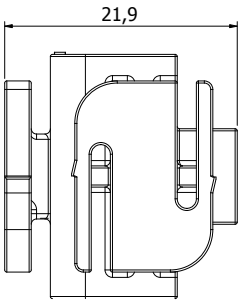
- **Possibilità di montaggio in diverse posizioni (dal basso o di lato)**
  Possibility of mounting in different positions (from the bottom or side)
- **Robustezza ed affidabilità / *Robustness and reliability***
- **Consente un ancoraggio saldo della valvola / *Allows a steady valve anchorage***

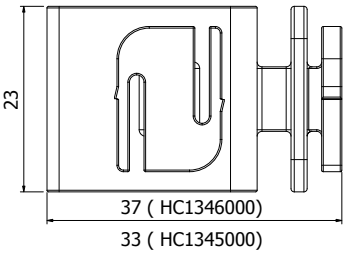
STAFFE DI FISSAGGIO / *FIXING BRACKETS*



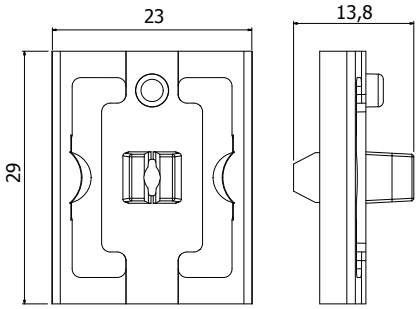


MODELLO MODEL	MATERIALE MATERIA	DISPONIBILE PER AVAILABLE FOR	M.O.Q. (pcs)
HC1302000	FERRO IRON	SERIE R R SERIES	100-500
HC1302100	PLATICA PLASTIC	SERIE R R SERIES	100-500





MODELLO MODEL	MATERIALE MATERIA	DISPONIBILE PER AVAILABLE FOR	M.O.Q. (pcs)
HC1345000	PA 66 - 30% FV	SERIE / SERIES TU - TD - TV	100-300
HC1346000	PA 66 - 30% FV	SERIE / SERIES VAPORE/STEAM R4 3/2 VIE R4 3/2 WAY	100-300



MODELLO MODEL	MATERIALE MATERIA	DISPONIBILE PER AVAILABLE FOR	M.O.Q. (pcs)
HC1350000	PA 66 - 30% FV	SERIE / SERIES TU - V2 - V3 - R2	100-500

Tappi
Caps

Gamma di tappi disponibili per ricambio su filtri RPE e utilizzabili come tappi di chiusura e fine linea per connessioni da ¾”M.

Range of caps available for replacement on RPE filters, can be used as closing and end-of-line caps for connections from ¾”M.

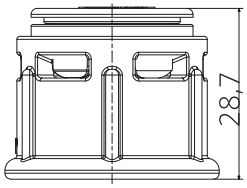
CARATTERISTICHE FISICHE
PHYSICAL SPECIFICATIONS

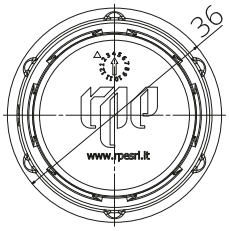
Corpo Body	PA 66 - 30% FV PA 66 - 30% GF

PUNTI DI FORZA / *HIGHLIGHTS*

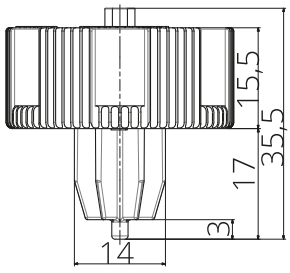
- **Robustezza / *Strength***
- **Tenuta elevata / *High level of tightness***
- **Possibilità di installazione su differenti corpi valvola e connessioni RPE**
  Possibility of installation on different valve bodies and connections RPE

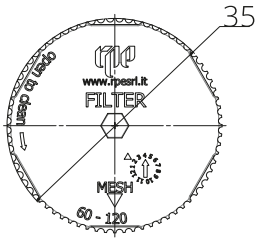
TAPPI / *CAPS*



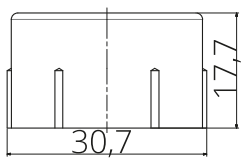


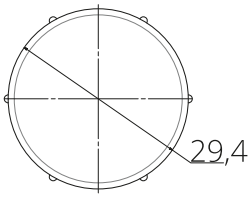
MODELLO MODEL	MATERIALE MATERIAL	DIAMETRO DIAMETER	M.O.Q. (pcs)
HE2220000	PA 66-30% FV PA 66-30% GF	G 3/4”F	100-500





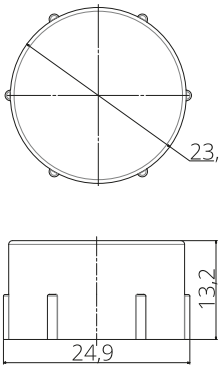
MODELLO MODEL	MATERIALE MATERIAL	GRADO DI FILTRAZIONE FILTRATION	DIAMETRO DIAMETER	M.O.Q. (pcs)
SP KIT R 01	PA 66-30% FV	60 MESH	G 3/4”F	100
SP KIT R 02	PA 66-30% FV	120 MESH	G 3/4”F	100



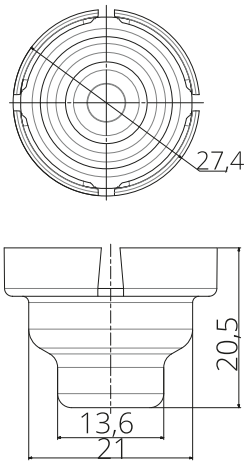


MODELLO MODEL	MATERIALE MATERIAL	DIAMETRO DIAMETER	M.O.Q. (pcs)
HC2550200	PE - LD	G 3/4”F	100-500

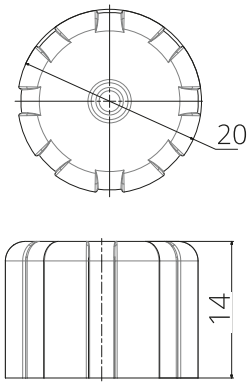
Tappi
Caps



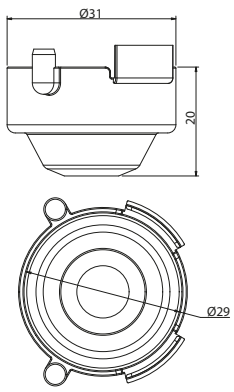
MODELLO MODEL	MATERIALE MATERIAL	DIAMETRO DIAMETER	M.O.Q. (pcs)
HC2550500	SILICONE	23 mm	100-500



MODELLO MODEL	MATERIALE MATERIAL	DIAMETRO DIAMETER	M.O.Q. (pcs)
HC2569000	PPH	27,4 mm	100-500



MODELLO MODEL	MATERIALE MATERIAL	DIAMETRO DIAMETER	M.O.Q. (pcs)
HC2578000	TPE	20 mm	100-500



MODELLO MODEL	MATERIALE MATERIAL	DIAMETRO DIAMETER	M.O.Q. (pcs)
HC25G1000	POM	31 mm	100-500

Scheda PWM
PWM Card

La scheda PWM permette un ciclo di lavoro continuo della valvola sulla quale è installata.

The PWM board allows a continuous working cycle of the valve on which it is installed.

FUNZIONALITÀ SOFTWARE *FUNCTIONALITY OF SOFTWARE*

Tempo corrente di spunto In rush time	500 ms ± 5%
Corrente di spunto In rush current	480 mA ± 5%
Corrente di mantenimento Holding current	100 mA ± 5%
Corrente di picco (10 ms) Peak current (10 ms)	800 mA ± 5%
Tempo di avvio Start up time	2 mS ± 5%
Tempo di arresto Stop time (output fall time)	100 µs ± 5%
Carico induttivo Load inductance	110 m ± 5%

CARATTERISTICHE DI LAVORO *WORKING SPECIFICATIONS*

Temperatura ambiente Room temperature	0 – 80°C
Tensione di alimentazione Supply voltage	24 V DC ±20%
Assorbimento della scheda Current consumption o electronic board	16 mA
Potenza massima Maximum power supply	30 W
Corrente massima Maximum current supply	1A
Corrente di picco (10 ms) Peak current (10 ms)	3A
Tipo di uscita Output type	Mosfet drain aperto Mosfet open drain
Frequenza PWM PWM frequency	15 kHz ± 5%

CONNESSIONI ELETTRICHE *ELECTRICAL CONNECTIONS*

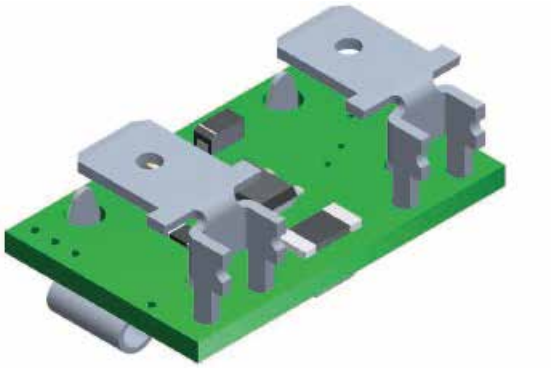
Ingresso Inlet	Faston femmina Female faston
Uscita Outlet	Faston maschio Male faston

PUNTI DI FORZA / *HIGHLIGHTS*

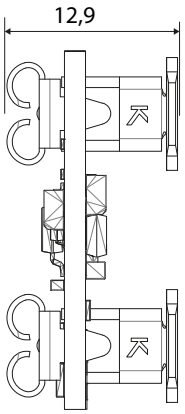
- **Certificazioni elettriche / *Electrical certifications***
- **Protegge dal surriscaldamento dei solenoidi / *Protects against overheating of solenoids***
- **Installabile su solenoidi, valvole e attuatori / *Can be installed on solenoids, valves and actuators***

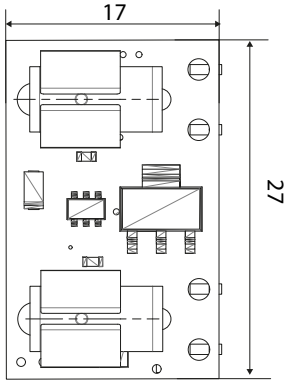
Scheda PWM
PWM Card

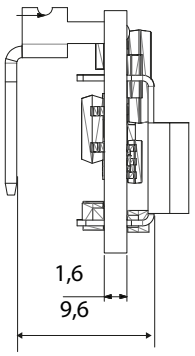
PWM ASSEMBLATA / *PWM ASSEMBLED*

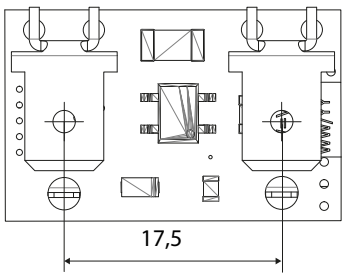


MODELLO MODEL	CONNESSIONI ELETTRICHE IN	CONNESSIONI ELETTRICHE OUT	M.O.Q. (pcs)
P 024	FASTON FEMMINA FEMALE FASTON	FASTON MASCHIO MALE FASTON	832









La gamma di forchette RPE permette l'installazione e la connessione di tutte le valvole della Serie Vapore e Serie T.

The range of RPE forks allows the installation and connection of all Steam and T Series valves.

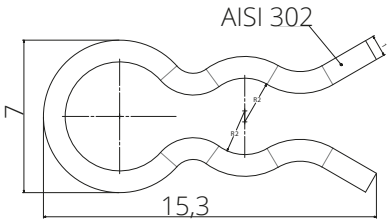
CARATTERISTICHE FISICHE
PHYSICAL SPECIFICATIONS

Corpo Body	Acciaio inox Stainless steel

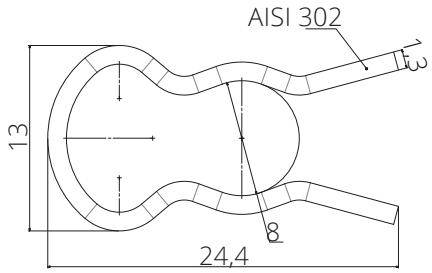
PUNTI DI FORZA / *HIGHLIGHTS*

- **Robustezza / *Strenght***
- **Affidabilità / *Reliability***
- **Installazione sicura della valvola / *Safe installation of the valve***

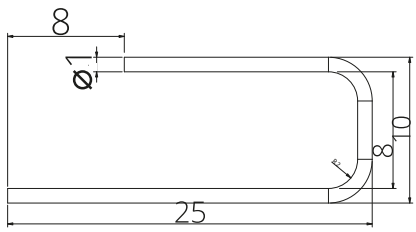
Forchette
Forks



MODELLO MODEL	MATERIALE MATERIAL	COMPATIBILITÀ COMPATIBILITY	M.O.Q. (pcs)
HC2590000	ACCIAIO INOX STANLESS STEEL	RACCORDI PORTA SENSORE E DUREZZA SENSOR HOLDER FITTINGS	100-500



MODELLO MODEL	MATERIALE MATERIAL	COMPATIBILITÀ COMPATIBILITY	M.O.Q. (pcs)
HC2734000	ACCIAIO INOX STANLESS STEEL	R2 R4 V02 V2 RACCORDI PORTA SENSORI SENSOR HOLDER	10000



MODELLO MODEL	MATERIALE MATERIAL	COMPATIBILITÀ COMPATIBILITY	M.O.Q. (pcs)
HC2779000	ACCIAIO INOX STANLESS STEEL	SERIE TU TU SERIES	100-500

La gamma di elettrovalvole della Serie Vapore è progettata per la gestione di fluidi e gas ad alte temperature.

The range of solenoid valves of the Steam Series are designed for the management of fluids and gas at high temperatures.

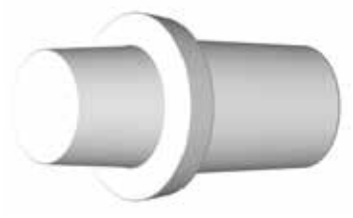
CARATTERISTICHE FISICHE
PHYSICAL SPECIFICATIONS

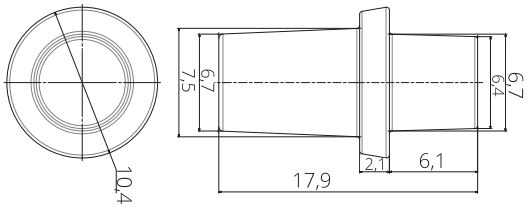
Corpo raccordo Fitting body	POM
Corpo tappo Tap body	Ottone Brass
Corpo valvola Valve body	PPSU

PUNTI DI FORZA / *HIGHLIGHTS*

- **Robustezza / *Strenght***
- **Affidabilità / *Reliability***
- **Installazione sicura della valvola / *Safe installation of the valve***

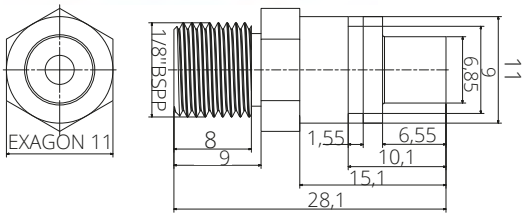
RACCORDO IN OTTONE 1/8 G / *1/8 G BRASS FITTING*





MODELLO MODEL	MATERIALE MATERIAL	M.O.Q. (pcs)
HC3122XXX	POM	600-2000

TAPPO PER ATTACCO A FORCHETTA / *TAP FOR FORK ATTACHMENT*



MODELLO MODEL	MATERIALE MATERIAL	M.O.Q. (pcs)
HC0833000	OTTONE BRASS	100-500

I Connettori sono disponibili per solenoidi della Serie R e della Serie Micro.

Connectors are available for R Series solenoids and Micro Series solenoids.

CARATTERISTICHE FISICHE
PHYSICAL SPECIFICATIONS

Voltaggio Voltage	POM6V DC / 12 DC
Grado di protezione IP Ingress protection	IP65
Lunghezza Length	150 mm

TIPOLOGIE / *TYPES*

CONNETTORE FEMMINA
FEMALE CONNECTOR

CONNETTORE MASCHIO
MALE CONNECTORS

PUNTI DI FORZA / *HIGHLIGHTS*

- **Tenuta contro la polvere / *Sealing against dust***
- **Protetto da getti d'acqua / *Protected by water jets***
- **Differenti versioni disponibili / *Different versions available***

Connettori Valvola
Valve Connectors

MODELLO MODEL	TIPOLOGIA TYPE	LUNGHEZZA CAVO WIRE LENGHT	TENSIONE VOLTAGE	M.O.Q. (pcs)
HC3254010	MASCHIO MALE	110 mm	6V DC	100-500

MODELLO MODEL	TIPOLOGIA TYPE	LUNGHEZZA CAVO WIRE LENGHT	TENSIONE VOLTAGE	M.O.Q. (pcs)
HC3255010	FEMMINA FEMALE	110 mm	6V DC	100-500

Il tubo di ventilazione permette di generare un flusso di erogazione fisso o regolabile e di svuotare completamente la valvola quando è inattiva.

The ventilation tube allows the valve to have a fixed or adjustable flow and to drain completely when the valve is shut off.

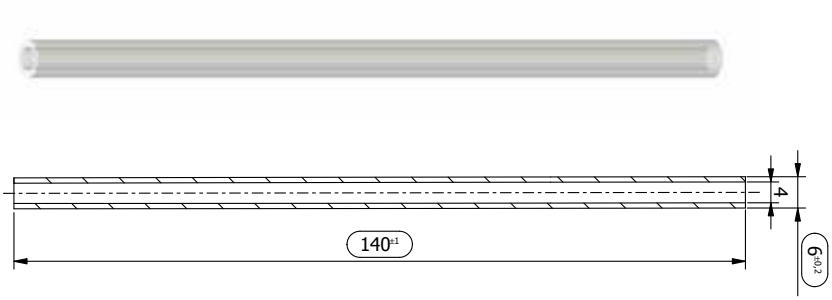
CARATTERISTICHE FISICHE *PHYSICAL SPECIFICATIONS*

Corpo Body	Silicone

PUNTI DI FORZA / *HIGHLIGHTS*

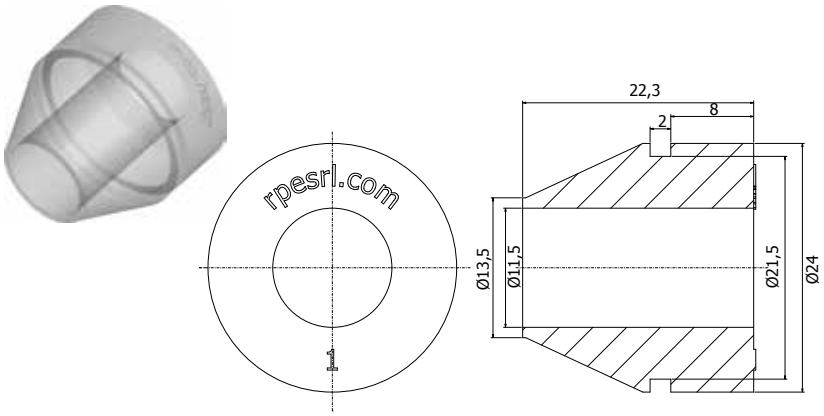
- **Flusso di erogazione costante della valvola / Constant valve flow rate**
- **Svuotamento completo della valvola - Complete emptying of the valve**

VENT



MODELLO MODEL	MATERIALE MATERIAL	M.O.Q. (pcs)
HC3008500	SILICONE	100-500

GOMMINO / *GROMMET*



MODELLO MODEL	MATERIALE MATERIAL	M.O.Q. (pcs)
HC25G4000	LSR	100

Accessori per Serie Irrigazione
Irrigation Series Accessories

Applicazioni / *Applications*

Irrigazione
Irrigation

Accessori per Serie Irrigazione
Irrigation Series Accessories

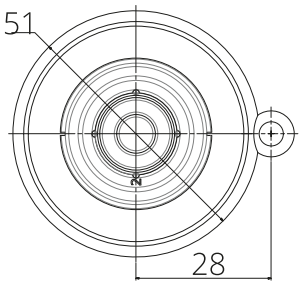
RPE offre una vasta gamma di accessori per la serie dedicata alle applicazioni nel mondo dell'irrigazione.

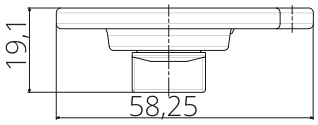
RPE offers a wide range of accessories for the series dedicated to applications in the irrigation sector.

PUNTI DI FORZA / *HIGHLIGHTS*

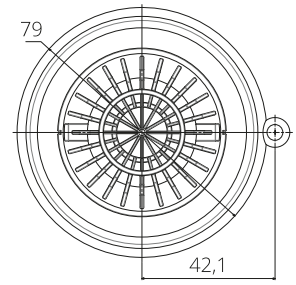
- **Efficienza, resistenza ed affidabilità / *Efficiency, strength and reliability***
- **Versatilità di utilizzo / *Versatility of use***
- **Materiali di qualità / *Quality materials***

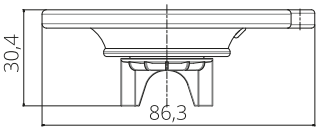
MEMBRANA / *DIAPHRAGMS*



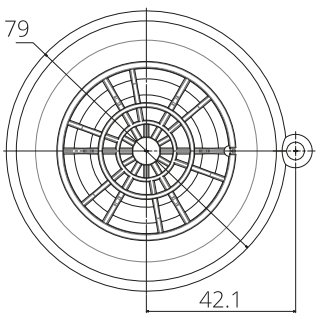


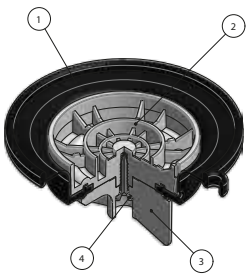
MODELLO MODEL	COMPATIBILITÀ COMPATIBILITY	MATERIALE MATERIAL	DIAMETRO DIAMETER	M.O.Q. (pcs)
HE0104000	3ª Serie / 3rd Series 1/2" 3/4" 1" M	NBR	Ø51	40-200
HE0104200	3ª Serie / 3rd Series 1/2" 3/4" 1" M	NBR PER ALIMENTI / FCMS	Ø51	40-200

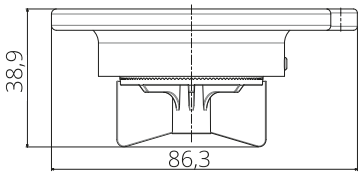




MODELLO MODEL	COMPATIBILITÀ COMPATIBILITY	MATERIALE MATERIAL	DIAMETRO DIAMETER	M.O.Q. (pcs)
HE0105000	3ª Serie / 3rd Series 1" F 1" 1/4	NBR	Ø79	30-180
HE0105200	3ª Serie / 3rd Series 1" F 1" 1/4	NBR PER ALIMENTI / FCMS	Ø79	30-180
HE0105100	3ª Serie filtro / 3rd Series filter	NBR	Ø79	30-180

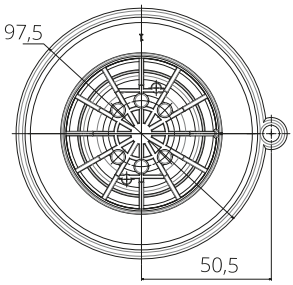


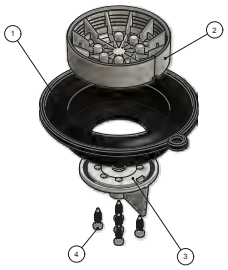


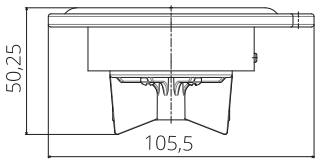


MODELLO MODEL	COMPATIBILITÀ COMPATIBILITY	MATERIALE MATERIAL	DIAMETRO DIAMETER	M.O.Q. (pcs)
HE0106000	3ª Serie / 3rd Series 1" 1/2	NBR	Ø79	20-120
HE0106100	3ª Serie filtro / 3rd Series filter	NBR	Ø79	20-120

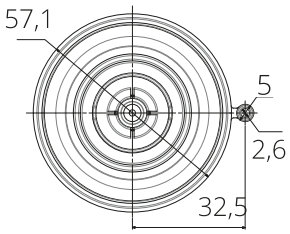
LEGENDA / LEGEND: FCMS = FOOD CONTACT MATERIALS

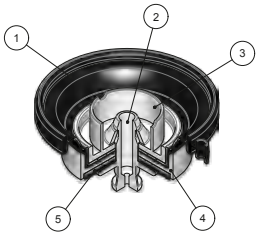


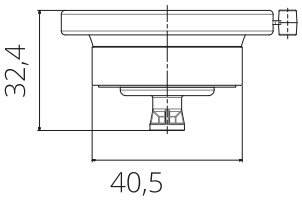




MODELLO MODEL	COMPATIBILITÀ COMPATIBILITY	MATERIALE MATERIAL	DIAMETRO DIAMETER	M.O.Q. (pcs)
HE0107000	3ª Serie / 3rd Series 2” 3”	NBR	Ø97,5	10-60
HE0107100	3ª Serie filtro / 3rd Series filte	NBR	Ø97,5	10-60







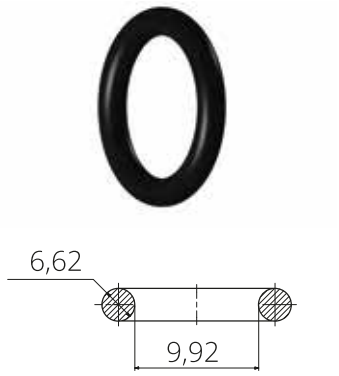
MODELLO MODEL	COMPATIBILITÀ COMPATIBILITY	MATERIALE MATERIAL	DIAMETRO DIAMETER	M.O.Q. (pcs)
HE0108000	2ª Serie / 2nd Series	NBR	Ø57,1	40-240

Accessori per Serie Irrigazione
Irrigation Series Accessories

MOLLA / *SPRING*

MODELLO MODEL	MATERIALE MATERIAL	COMPATIBILITÀ COMPATIBILITY	M.O.Q. (pcs)
HC2716000	ACCIAIO INOX STANLESS STEEL	2ª Serie / 2nd Series 3ª Serie / 3rd Series ½” 3ª Serie / 3rd Series 1” M	100-500
HC2708000	ACCIAIO INOX STANLESS STEEL	3ª Serie / 3rd Series 1” F 3ª Serie / 3rd Series 1’’1/4 3ª Serie / 3rd Series 1 ½”	100-500
HC2709000	ACCIAIO INOX STANLESS STEEL	3ª Serie / 3rd Series 2” 3ª Serie / 3rd Series 3”	100-500

0-RING

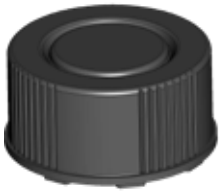


MODELLO MODEL	MATERIALE MATERIAL	DIMENSIONI DIMENSIONS	M.O.Q. (pcs)
HC0384000	NBR	9,92x2,62 mm	1500-10000

ADATTATORE UNIVERSALE PER PILOTA / *UNIVERSAL ADAPTER FOR PILOT*

MODELLO MODEL	MATERIALE MATERIAL	FILETTO	SEDE PILOTA	M.O.Q. (pcs)
HC2533000	PA 66 - 30% FV PA 66 - 30% GF	¾” UNEF	Ø19,4	100-500

CALOTTA PER ELETTROVALVOLA 1” / *CAP FOR 1” SOLENOID VALVE*



MODELLO MODEL	MATERIALE MATERIAL	DIMENSIONI DIMENSIONS	M.O.Q. (pcs)
HC25F1000	POLIPROPILENE POLYPROPYLENE	1”M	200-600

TAPPO DI FINE LINEA / *END OF LINE CAP*

MODELLO MODEL	MATERIALE MATERIAL	DIMENSIONI DIMENSIONS	M.O.Q. (pcs)
HC25F2000	POLIPROPILENE POLYPROPYLENE	1”F	200-600

Piloti Serie Irrigazione
Irrigation Series Pilots

I piloti dedicati alla linea irrigazione di RPE sono disponibili nella versione con cavi unipolari, bipolari, bistabili e faston. La tecnologia autobloccante permette una rimozione semplice e veloce del pilota dal corpo valvola.

The pilots dedicated to the RPE irrigation line are available in the version with unipolar, bipolar, bistable and faston cables. The self-locking technology allows a quick and easy removal of the pilot from the valve body.

PUNTI DI FORZA / *HIGHLIGHTS*

- **Sistema autobloccante per montaggio/smontaggio agevole del pilota**
  Self-locking system for easy mounting/disassembly of the pilot
- **Più voltaggi disponibili / *More voltages available***
- **Disponibili in differenti connessioni / *Available in different connections***

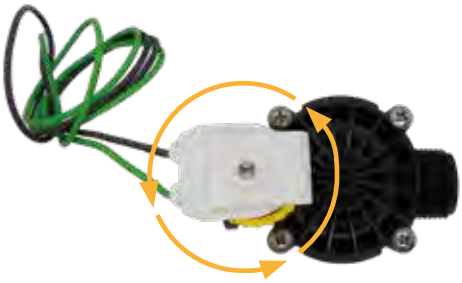
SCHEMA DI RIMOZIONE BOBINA / *SCHEME FOR COIL REMOVAL*

1 - Posizione di partenza
1 - Starting position

2 - Ruotare solenoide
2 - Rotate solenoid

3 - Sollevare anello di bloccaggio giallo
3 - Pull-up safety yellow ring

4 - Ruotare solenoide
4 - Rotate solenoid



5 - Estrarre il solenoide
5 - Pull out solenoid

PILOTI CAVI BIPOLARI / BIPOLAR WIRES

MODELLO MODEL	TIPOLOGIA TYPE	CONNESSIONI CONNECTION	DETTAGLI DETAILS	M.O.Q. (pcs)
HE8829000 24AC	NC	CAVO 1x0.50 L 600	GHIERA DI FERMO STOP RING	32
HE8829000 24DC	NC	CAVO 1x0.50 L 600	GHIERA DI FERMO STOP RING	32
HE8829000 12V	NC	CAVO 1x0.50 L 600	GHIERA DI FERMO STOP RING	32
HE8829000 12DC	NC	CAVO 1x0.50 L 600	GHIERA DI FERMO STOP RING	32
HE8829000 110V	NC	CAVO 1x0.50 L 600	GHIERA DI FERMO STOP RING	32
HE8829000 230V	NC	CAVO 1x0.50 L 600	GHIERA DI FERMO STOP RING	32
HE8829000E 24DC	NC	CAVO 1x0.50 L 600	GHIERA DI FERMO STOP RING	32

MODELLO MODEL	TIPOLOGIA TYPE	CONNESSIONI CONNECTION	DETTAGLI DETAILS	M.O.Q. (pcs)
HE9829000A 24AC	NA/NO	CAVO 1x0.50 L 600	CLIP DI ANCORAGGIO CLIP HOOK	32
HE9829000A 12V	NA/NO	CAVO 1x0.50 L 600	CLIP DI ANCORAGGIO CLIP HOOK	32
HE9829000A 12DC	NA/NO	CAVO 1x0.50 L 600	CLIP DI ANCORAGGIO CLIP HOOK	32
HE9829000A 230V	NA/NO	CAVO 1x0.50 L 600	CLIP DI ANCORAGGIO CLIP HOOK	32
HE9829000A 110V	NA/NO	CAVO 1x0.50 L 600	CLIP DI ANCORAGGIO CLIP HOOK	32
HE9829000A 240V	NA/NO	CAVO 1x0.50 L 600	CLIP DI ANCORAGGIO CLIP HOOK	32
HE9829000A 24DC	NA/NO	CAVO 1x0.50 L 600	CLIP DI ANCORAGGIO CLIP HOOK	32

LEGENDA: NC= NORMALMENTE CHIUSA/NORMALLY CLOSED
LEGEND: NA/NO= NORMALMENTE APERTA/NORMALLY OPENED

* ALTRE VERSIONI DISPONIBILI SU RICHIESTA
OTHER VERSIONS AVAILABLE ON REQUEST

Piloti Serie Irrigazione

Irrigation Series Pilots

PILOTI CAVI BIPOLARI / BIPOLAR WIRES

MODELLO MODEL	TIPOLOGIA TYPE	CONNESSIONI CONNECTION	DETTAGLI DETAILS	M.O.Q. (pcs)
HE9824001 230V	NC	CAVO BIPOLARE BIPOLAR WIRES L.300	CLIP DI ANCORAGGIO CLIP HOOK	32
HE9824005 12V	NC	CAVO BIPOLARE BIPOLAR WIRES L.1000	CLIP DI ANCORAGGIO CLIP HOOK	32
HE9824005 24DC	NC	CAVO BIPOLARE BIPOLAR WIRES L.1000	CLIP DI ANCORAGGIO CLIP HOOK	32
HE9824005 24AC	NC	CAVO BIPOLARE BIPOLAR WIRES L.1000	CLIP DI ANCORAGGIO CLIP HOOK	32
HE9824005 230V	NC	CAVO BIPOLARE BIPOLAR WIRES L.1000	CLIP DI ANCORAGGIO CLIP HOOK	32
HE9824002 24DC	NC	CAVO BIPOLARE BIPOLAR WIRES L.1450	CLIP DI ANCORAGGIO CLIP HOOK	32
HE9824002 230V	NC	CAVO BIPOLARE BIPOLAR WIRES L.1450	CLIP DI ANCORAGGIO CLIP HOOK	32
HE9824000 24DC	NC	CAVO BIPOLARE BIPOLAR WIRES L.2000	CLIP DI ANCORAGGIO CLIP HOOK	32
HE9824000 24AC	NC	CAVO BIPOLARE BIPOLAR WIRES L.2000	CLIP DI ANCORAGGIO CLIP HOOK	32
HE9824000 230V	NC	CAVO BIPOLARE BIPOLAR WIRES L.2000	CLIP DI ANCORAGGIO CLIP HOOK	32

LEGENDA: NC= NORMALMENTE CHIUSA/NORMALLY CLOSED
LEGEND: NA/NO= NORMALMENTE APERTA/NORMALLY OPENED

* ALTRE VERSIONI DISPONIBILI SU RICHIESTA
OTHER VERSIONS AVAILABLE ON REQUEST

PILOTI BISTABILI / *LATCHING PILOTS*

MODELLO MODEL	CONNESSIONI CONNECTION	DETTAGLI DETAILS	M.O.Q. (pcs)
HE8829000 L 12V	CAVO / WIRES 1X0,50 L600 ROSSO/NERO RED/BLACK	GHIERA DI FERMO STOP RING	32
HE8829003 L 12V	CAVO / WIRES 1X0,50 L600 NERO/VERDE BLACK/GREEN	GHIERA DI FERMO STOP RING	32
HE9800000 L 6V	FASTON	CLIP DI AGGANCIO CLIP HOOK	32
HE980040B L 12V	FASTON	CLIP DI AGGANCIO CLIP HOOK	32

PILOTI FASTON / *FASTON PILOTS*

MODELLO MODEL	TIPOLOGIA TYPE	CONNESSIONI CONNECTION	DETTAGLI DETAILS	M.O.Q. (pcs)
HE9800000 24AC	NC	FASTON	CLIP DI AGGANCIO CLIP HOOK	32
HE9800000 24DC	NC	FASTON	CLIP DI AGGANCIO CLIP HOOK	32
HE9800000 12DC	NC	FASTON	CLIP DI AGGANCIO CLIP HOOK	32
HE9800000 110V	NC	FASTON	CLIP DI AGGANCIO CLIP HOOK	32
HE9800000 230V	NC	FASTON	CLIP DI AGGANCIO CLIP HOOK	32
HE9800000A 24AC	NA/NO	FASTON	CLIP DI ANCORAGGIO CLIP HOOK	32
HE9800000A 24DC	NA/NO	FASTON	CLIP DI ANCORAGGIO CLIP HOOK	32
HE9800000A 12DC	NA/NO	FASTON	CLIP DI ANCORAGGIO CLIP HOOK	32
HE9800000A 230V	NA/NO	FASTON	CLIP DI ANCORAGGIO CLIP HOOK	32

LEGENDA: NC= NORMALMENTE CHIUSA/NORMALLY CLOSED
LEGEND: NA/NO= NORMALMENTE APERTA/NORMALLY OPENED

* ALTRE VERSIONI DISPONIBILI SU RICHIESTA
OTHER VERSIONS AVAILABLE ON REQUEST

Politica per la qualità RPE

Quality control policy

RPE Srl considera fondamentale la gestione, il mantenimento e il miglioramento degli standard qualitativi per un'evoluzione positiva del sistema aziendale nel suo complesso.
Per questo motivo RPE Srl persegue il miglioramento continuo del Sistema di Gestione della Qualità in conformità alla norma UNI EN ISO 9001:2015.
Dal 2024 RPE è certificata ISO 14001:2015 e ISO 45001:2018.

RPE Srl recognizes quality control management as a top priority. Managing and improving quality standards are essential for the positive development of our products.
This is why RPE Srl has implemented the Quality Management System, a UNI EN ISO Standard 9001:2015.
Since 2024 RPE is certified ISO 14001:2015 and ISO 45001:2018.

CERTIFICAZIONI AZIENDALI /COMPANY CERTIFICATIONS

Sistema di management certificato SQS ISO 9001

Sistema di management certificato SQS ISO 14001 / 45001

CERTIFICAZIONI PRODOTTI / PRODUCT CERTIFICATIONS

c UL us

WRAS APPROVED PRODUCT

UK CA

NSF COMPONENT

NSF NSF REG4

UBA KTW-BWGL

CSV

CE

EN 03

ATTESTATION DE CONFORMITÉ SANITAIRE ACS

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SCOPRIRE I NOSTRI PRODOTTI / DISCOVER OUR PRODUCTS
Sul sito web di RPE Srl potrai trovare un catalogo completo di tutti i nostri prodotti con informazioni chiare e utili.
Sui canali social di RPE Srl potrai rimanere aggiornato su tutti i nuovi prodotti in uscita e scoprirne le funzionalità.

On the website of RPE Srl you will find useful information about our products.
On the RPE Srl social media channels you can stay up to date on all new products coming out and discover their features.

www.**rpesrl**.com
www.**rpeirrigation**.com

RPE Srl
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RPE Srl Solenoid Valves

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