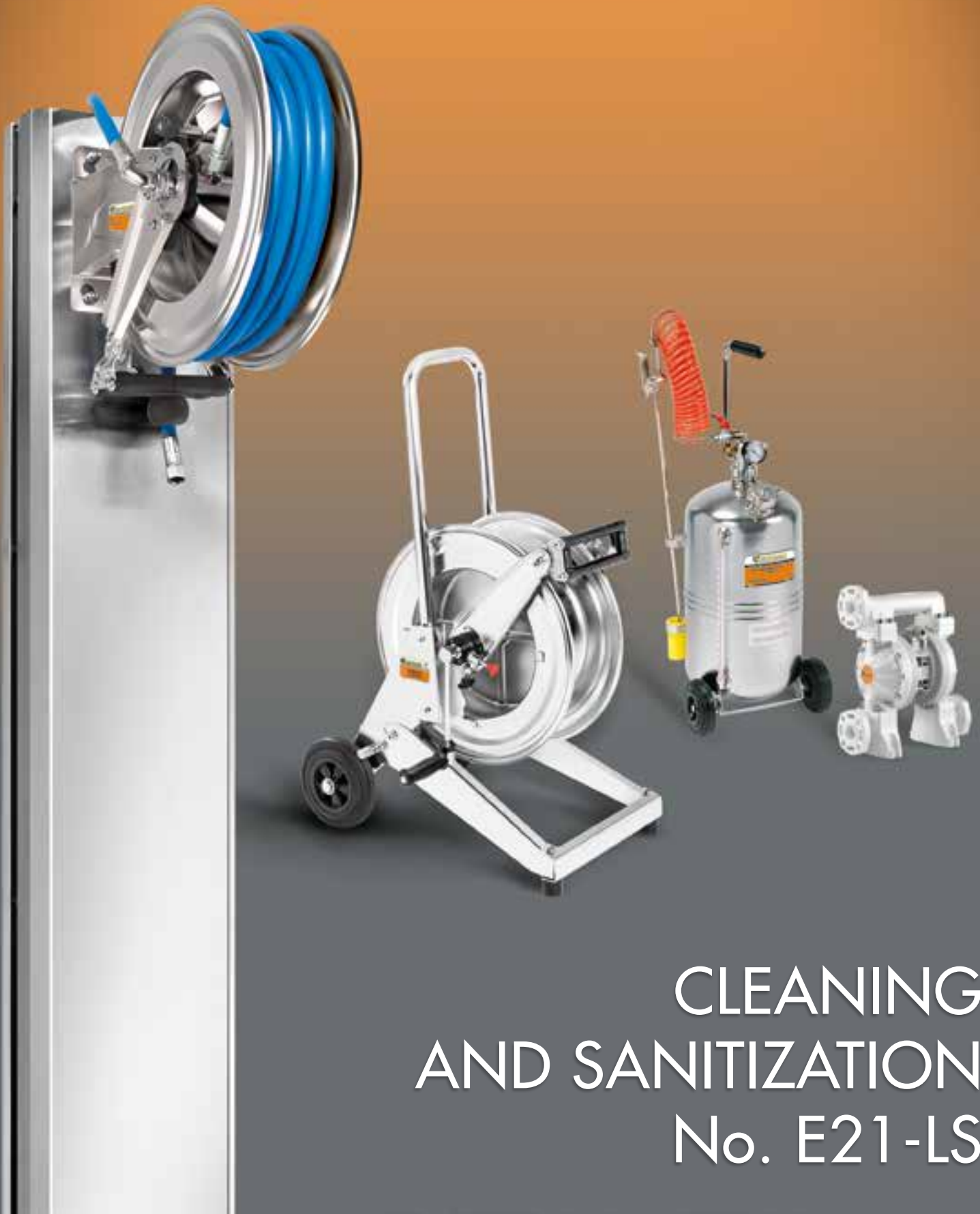




CLEANING
AND SANITIZATION
No. E21-LS



HELP THE NATURE

Packaging contains, depending on the articles, one or more of the following materials; they must be recycled in accordance with current regulations in the country of use.

cardboard • polyethylene sack • polystyrene • paper • wood • nails
• plastic strap • cellophane • clips • gummed paper



ECODORA S.r.l. offers a wide range of equipment for fluid dynamics, designed to meet all customer's needs.

Quality, reliability and design that distinguish ECODORA brand are internationally recognized.

A technical service before and after sales suggests the most suitable product according to the customer's needs and provides support even to the end users.

ECODORA S.r.l. looks for a long lasting cooperation with the customers, paying attention to their expectations and offering highest quality products.



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CLEANING AND SANITIZATION

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Trolley-mounted manual hose reels
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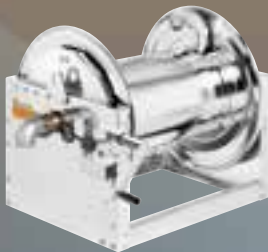


ECODORA designs a wide range of items for cleaning and sanitization. They are fully customizable according to different types of fluids, pressures and flow rates. Reliable, durable and versatile. Characterized by the quality that distinguishes all **ECODORA** products, they are suitable to every specific need of the customer.

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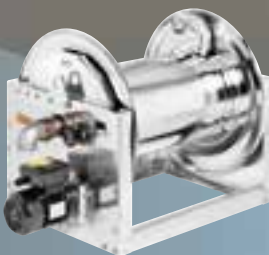
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Kits with
hose reels



series 230



series 300



AISI 304 Air - Water 20 bar

	P/N	Hose supplied	Connection		Weight
			inlet	outlet	
series 250	42708.11	12 m - 8 x 12 mm (811/12)	G 3/8" (m)	G 1/4" (m)	7,0 kg
	42708.12	10 m - 10 x 14,5 mm (821/10)	G 3/8" (m)	G 3/8" (m)	7,3 kg
series 300	43208.12	12 m - 8 x 12 mm (811/12)	G 3/8" (m)	G 1/4" (m)	8,6 kg
	43208.13	15 m - 8 x 12 mm (811/16)	G 3/8" (m)	G 1/4" (m)	8,8 kg
	43208.14	20 m - 8 x 12 mm (811/21)	G 3/8" (m)	G 1/4" (m)	9,0 kg
	43208.15	12 m - 10 x 14,5 mm (821/12)	G 3/8" (m)	G 3/8" (m)	8,9 kg
	43208.16	15 m - 10 x 14,5 mm (821/16)	G 3/8" (m)	G 3/8" (m)	9,3 kg

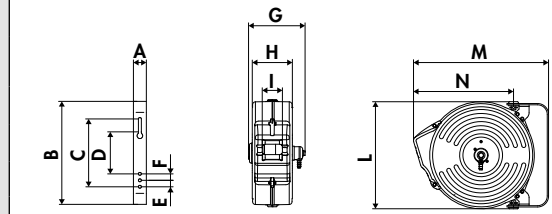
In accordance with directive



Technical Data

Type of fluid	Air - Water
Pressure	20 bar
Working temperature	≤ 100 °C

Hoses	Connections	Seals	Swivel joint	Central pin
atoxic polyurethane	AISI 304 stainless steel	Viton®	AISI 304 s. steel - Delrin®	Delrin®
				

Overall dimensions (mm)										Series	A	B	C	D	E	F	G	H	I	L	M	N	Packaging (mm) WxDxH
										250	40	319	210	130	20	20	173	124	62	281	338	230	370x200x370
										300	40	319	210	130	20	20	173	124	62	333	416	308	385x200x415

(W: width - D: depth - H: height)

 See kits prepared with this hose reel on page 58.

Technical Characteristics

PAWL

SPRING

Tested to withstand over 20000 work cycles.

INLET SWIVEL JOINT

Can be oriented in 8 different positions, evenly spaced by 45°, to facilitate connection to the fixed system.

HOSE GUIDE

HOSE

Fit with hose stop and metal spiral tips to reinforce the hose structure.

CENTRAL PIN

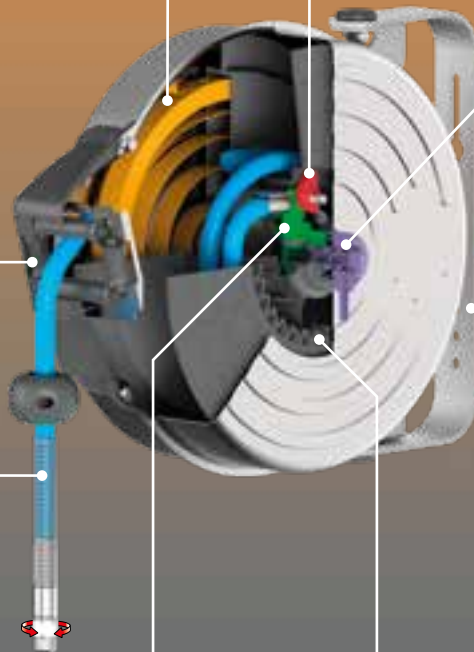
Designed to minimise load losses.

STOP RACK

Makes it possible to lock the hose around every 0,5 m.

FIXING BRACKET

Can be rotated up to 90° per side and has 2 slotted holes for safe, easy installation.



series 560

series 540

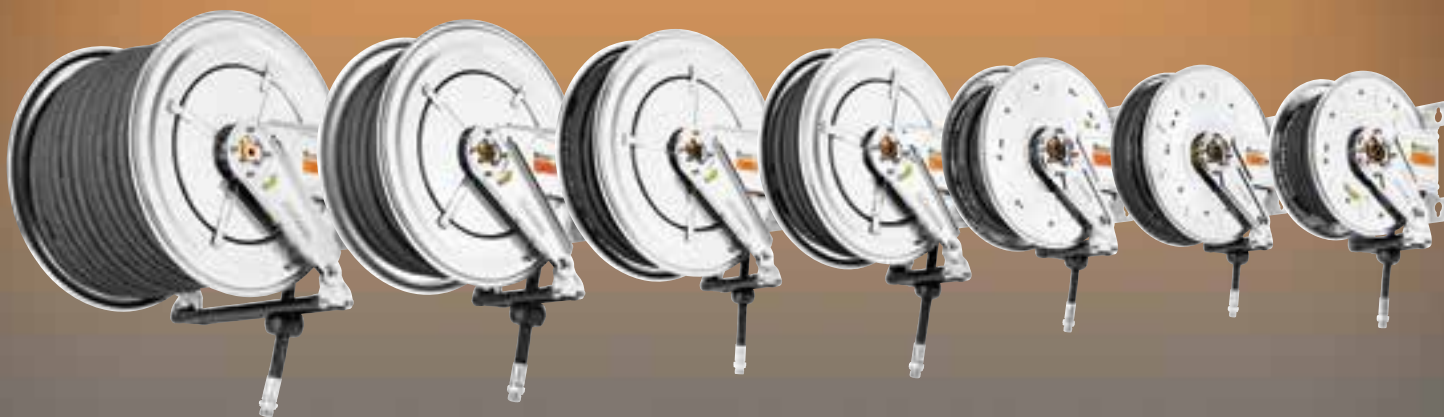
series 530

series 430

series 350

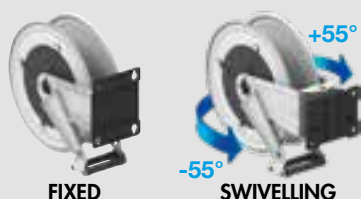
series 300

series 270



- 0,6 m inlet hose as standard.
- Multi-position arms.
- Some models are customizable with **"Speed Control"** rewinding brake or automatic hose-guide.
- Hose stop available for all standard models, even those supplied without hose.

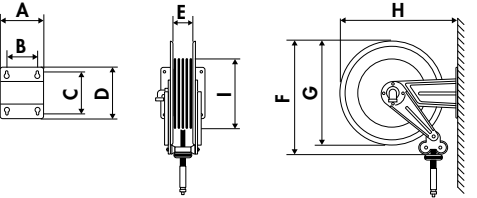
In accordance with directive



Can be rendered swivelling by using the special bracket, see page 21.

Technical Data		
Type of fluid	Air - Water	Hot water
Pressure	10 bar - 20 bar	50 bar - 100 bar 200 bar - 400 bar - 700 bar
Working temperature	≤ 100 °C	≤ 130 °C

Hoses		Connections	Seals	Swivel joint	Central pin
black rubber	hygienic hose	galvanized steel	Viton® -Teflon®	AISI 304 s. steel - brass	AISI 304 s. steel
					

FIXED Overall dimensions (mm)											Series									
											A	B	C	D	E	F	G	H	I	Packaging (mm) WxDxH
	290	186	140	196	226	98	330	300	339	135		470x260x490								
	330	186	140	196	226	98	390	350	365	155		510x260x520								
	390	186	140	196	226	98	410	390	410	155		580x280x590								
	430	186	140	197	226	97	450	415	456	264		580x280x590								
	530	203	153	221	258	104	535	510	558	315		650x290x700								
	540	300	218	227	268	165	535	510	572	315		660x390x690								
	560	488	399	238	272	348	535	510	578	315		670x610x760								
											(W: width - D: depth - H: height)									

(W: width - D: depth - H: height)

SWIVELLING Overall dimensions (mm)				Series	A	B	C	D	E	F	G	H	I	Packaging (mm) WxDxH		
				390	184	146	106	144	98	410	390	482	155		580x280x590	
				430	208	162	118	164	97	450	415	540	264		580x280x590	
				530	228	182	154	200	104	535	510	642	315		650x290x700	
				540	300	218	227	268	165	535	510	700	315		660x390x690	

(W: width - D: depth - H: height)

 See kits prepared with this hose reel on page 58.

Technical Characteristics

FIXING BRACKET

Has 4 slotted holes for safe, easy installation.

PAWL

Easy to remove for maintenance or when the work requires free sliding.

STOP RACK

Makes it possible to lock the hose around every 0,5 m.

SPRING

Tested to withstand over 20000 work cycles.

MULTI POSITION ARMS

Hose outlet position can be changed manually by modifying installation of the arms.

CENTRAL PIN

Designed to minimise load losses. Available in different materials to ensure maximum chemical compatibility with a wide range of fluids.

HOSE GUIDE

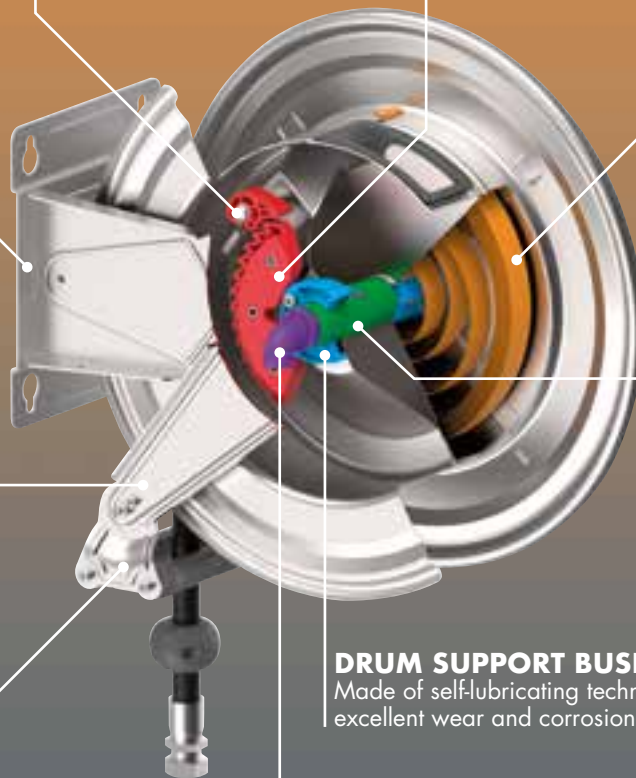
Designed with ample width and roller arrangement to reduce wear on the hose.

DRUM SUPPORT BUSHING

Made of self-lubricating technopolymer with excellent wear and corrosion resistance.

SWIVEL JOINT

Designed to minimise load losses. Available in different materials to ensure maximum chemical compatibility with a wide range of fluids.



AISI 304 Air - Water 10 - 20 bar

P/N		Hose supplied	Connection		Weight	
fixed	swivelling		inlet	outlet	fixed	swivelling

series 270 20 bar	272/10	-	without hose *	G 3/8" (f)	G 3/8" (f)	10,0 kg	-
	272/11	-	10 m - 3/8" (952/10)	G 3/8" (f)	G 3/8" (m)	12,0 kg	-
	272/14	-	15 m - 1/4" (932/15)	G 3/8" (f)	G 1/4" (m)	12,0 kg	-

* Hose reel capacity	inner hose ø	1/4"	5/16"	3/8"
	max. length	16 m	14 m	10 m

s. 300 20 bar	302/10	-	without hose *	G 3/8" (f)	G 3/8" (f)	11,2 kg	-
	302/11	-	12 m - 3/8" (952/12)	G 3/8" (f)	G 3/8" (m)	13,5 kg	-
10 bar	303/11	-	12 m - 3/8" (950/12)	G 3/8" (f)	G 3/8" (m)	13,4 kg	-

* Hose reel capacity	inner hose ø	1/4"	5/16"	3/8"	1/2"
	max. length	18 m	16 m	14 m	12 m

s. 350 20 bar	352/10	352/10/SO	without hose *	G 3/8" (f)	G 3/8" (f)	13,0 kg	13,5 kg
	352/11	352/11/SO	18 m - 3/8" (952/18)	G 3/8" (f)	G 3/8" (m)	16,0 kg	16,5 kg

* Hose reel capacity	inner hose ø	1/4"	5/16"	3/8"	1/2"
	max. length	20 m	20 m	18 m	15 m

series 430 20 bar	432/10	432/10/SO	without hose *	G 1/2" (f)	G 1/2" (f)	16,0 kg	16,5 kg
	432/12	432/12/SO	12 m - 3/8" (952/13)	G 1/2" (f)	G 3/8" (m)	18,7 kg	19,2 kg
	432/13	432/13/SO	18 m - 3/8" (952/19)	G 1/2" (f)	G 3/8" (m)	19,5 kg	20,0 kg
	432/14	432/14/SO	10 m - 1/2" (962/10)	G 1/2" (f)	G 1/2" (m)	19,2 kg	19,7 kg
	432/11	432/11/SO	15 m - 1/2" (962/15)	G 1/2" (f)	G 1/2" (m)	20,2 kg	20,7 kg
	432/150	-	without hose **	G 1" (f)	G 3/4" (f)	17,0 kg	-
10 bar	434/12	-	15 m - 1/2" (861/15)	G 1/2" (f)	G 1/2" (m)	19,2 kg	-

Hose reel capacity	inner hose ø	*	5/16"	3/8"	1/2"	**	5/8"	3/4"
	max. length		20 m	20 m	16 m		14 m	8 m

series 530 20 bar	532/10	532/10/SO	without hose *	G 1/2" (f)	G 1/2" (f)	21,0 kg	22,0 kg
	532/11	532/11/SO	20 m - 1/2" (962/20)	G 1/2" (f)	G 1/2" (m)	26,5 kg	27,5 kg
	532/12	532/12/SO	25 m - 1/2" (962/25)	G 1/2" (f)	G 1/2" (m)	27,3 kg	28,3 kg
	532/15	-	without hose **	G 1" (f)	G 1" (f)	22,0 kg	-
10 bar	534/12	-	25 m - 1/2" (861/25)	G 1/2" (f)	G 1/2" (m)	27,1 kg	-

Hose reel capacity	inner hose ø	*	3/8"	1/2"	5/8"	**	3/4"	1"
	max. length		25 m	25 m	22 m		12 m	8 m

series 540 20 bar	542/10	542/10/SO	without hose *	G 1" (f)	G 1" (f)	28,0 kg	33,5 kg
	542/11	542/11/SO	15 m - 3/4" (972/15)	G 1" (f)	G 3/4" (m)	35,0 kg	40,5 kg
	542/12	542/12/SO	20 m - 3/4" (972/20)	G 1" (f)	G 3/4" (m)	36,5 kg	42,0 kg
	542/13	542/13/SO	15 m - 1" (982/15)	G 1" (f)	G 1" (m)	38,6 kg	44,1 kg
	542/15	542/15/SO	without hose **	G 1/2" (f)	G 1/2" (f)	28,5 kg	34,0 kg
	542/16	542/16/SO	30 m - 1/2" (962/30)	G 1/2" (f)	G 1/2" (m)	36,4 kg	41,9 kg
series 540 10 bar	543/12	-	20 m - 3/4" (970/20)	G 3/4" (f)	G 3/4" (m)	36,5 kg	-
	543/13	-	15 m - 1" (980/15)	G 1" (f)	G 1" (m)	38,0 kg	-
	543/16	-	30 m - 1/2" (960/30)	G 1/2" (f)	G 1/2" (m)	36,5 kg	-

Hose reel capacity	inner hose ø	*	5/8"	3/4"	1"	**	3/8"	1/2"	5/8"
	max. length		20 m	22 m	15 m		30 m	30 m	30 m

series 560 20 bar	562/10	-	without hose *	G 1" (f)	G 1" (f)	48,0 kg	-
	562/11	-	30 m - 3/4" (972/30)	G 1" (f)	G 3/4" (m)	60,0 kg	-
	562/13	-	40 m - 3/4" (972/40)	G 1" (f)	G 3/4" (m)	63,0 kg	-
	562/14	-	20 m - 1" (982/20)	G 1" (f)	G 1" (m)	60,6 kg	-
	562/15	-	30 m - 1" (982/30)	G 1" (f)	G 1" (m)	64,0 kg	-
	562/16	-	without hose **	G 1/2" (f)	G 1/2" (f)	47,5 kg	-
10 bar	563/13	-	40 m - 3/4" (970/40)	G 1" (f)	G 3/4" (m)	63,5 kg	-
	563/15	-	30 m - 1" (980/30)	G 1" (f)	G 1" (m)	64,5 kg	-

Hose reel capacity	inner hose ø	*	5/8"	3/4"	1"	**	3/8"	1/2"	5/8"
	max. length		50 m	40 m	30 m		60 m	60 m	60 m

 Atoxic hygienic hose

 Black rubber hose

AISI 304 Hot water 50 - 100 bar

P/N		Hose supplied	Connection		Weight	
fixed	swivelling		inlet	outlet	fixed	swivelling

series 300 100 bar	302/40	-	without hose *	G 1/2" (f)	G 3/8" (f) G 1/2" (f)	11,2 kg	-
	302/21	-	12 m - 3/8" (953/13)	G 1/2" (f)	G 3/8" (m)	15,7 kg	-
	303/22	-	12 m - 3/8" (954/13)	G 1/2" (f)	G 3/8" (m)	15,7 kg	-

* Hose reel capacity	inner hose ø	1/4"	5/16"	3/8"	1/2"
	max. length	12 m	12 m	12 m	11 m

series 350 100 bar	352/40	352/40/SO	without hose *	G 1/2" (f)	G 3/8" (f) G 1/2" (f)	13,0 kg	13,5 kg
	352/21	352/21/SO	17 m - 3/8" (953/18)	G 1/2" (f)	G 3/8" (m)	19,0 kg	19,5 kg
	353/22	353/22/SO	12 m - 3/8" (954/13)	G 1/2" (f)	G 3/8" (m)	17,5 kg	18,0 kg

* Hose reel capacity	inner hose ø	1/4"	5/16"	3/8"	1/2"
	max. length	15 m	16 m	17 m	12 m

series 430 100 bar	434/20	434/20/SO	without hose *	G 1/2" (f)	G 1/2" (f)	16,0 kg	16,5 kg
	434/250	-	without hose **	G 1" (f)	G 3/4" (f)	17,0 kg	-
	432/21	432/21/SO	10 m - 1/2" (963/12)	G 1/2" (f)	G 1/2" (m)	20,7 kg	21,2 kg
	432/22	432/22/SO	15 m - 1/2" (963/14)	G 1/2" (f)	G 1/2" (m)	22,1 kg	22,6 kg
	433/22	433/22/SO	15 m - 1/2" (964/15)	G 1/2" (f)	G 1/2" (m)	22,1 kg	22,6 kg

Hose reel capacity	inner hose ø	*	5/16"	3/8"	1/2"	**	5/8"	3/4"
	max. length		20 m	20 m	16 m		14 m	8 m

series 530 100 bar	534/20	534/20/SO	without hose *	G 1/2" (f)	G 1/2" (f)	21,0 kg	22,0 kg
	532/21	532/21/SO	20 m - 1/2" (963/19)	G 1/2" (f)	G 1/2" (m)	30,0 kg	31,0 kg
	534/250	-	without hose **	G 1" (f)	G 1" (f)	22,5 kg	-
	533/22	533/22/SO	25 m - 1/2" (964/25)	G 1/2" (f)	G 1/2" (m)	32,0 kg	33,0 kg

Hose reel capacity	inner hose ø	*	3/8"	1/2"	5/8"	**	3/4"	1"
	max. length		25 m	25 m	22 m		12 m	8 m

series 540 100 bar	544/20	544/20/SO	without hose *	G 1" (f)	G 1" (f)	28,0 kg	33,5 kg
	542/23	542/23/SO	20 m - 3/4" (973/19)	G 1" (f)	G 3/4" (m)	40,7 kg	46,2 kg
	544/25	544/25/SO	without hose **	G 1/2" (f)	G 1/2" (f)	28,5 kg	34,0 kg
	543/22	543/22/SO	20 m - 3/4" (974/20)	G 1" (f)	G 3/4" (m)	40,7 kg	46,2 kg

s. 540 50 bar	542/21	542/21/SO	15 m - 1" (983/15)	G 1" (f)	G 1" (m)	42,0 kg	47,5 kg
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Hose reel capacity	inner hose ø	*	5/8"	3/4"	1"	**	3/8"	1/2"	5/8"
	max. length		20 m	22 m	15 m		30 m	30 m	30 m

s. 560 100 bar	564/20	-	without hose *	G 1" (f)	G 1" (f)	48,0 kg	-
	564/26	-	without hose **	G 1/2" (f)	G 1/2" (f)	47,5 kg	-
s. 560 50 bar	562/25	-	30 m - 1" (983/29)	G 1" (f)	G 1" (m)	78,2 kg	-

Hose reel capacity	inner hose ø	*	5/8"	3/4"	1"	**	3/8"	1/2"	5/8"
	max. length		50 m	40 m	30 m		60 m	60 m	60 m

Hygienic hose

Black rubber hose

AISI 304 Hot water 200 bar

P/N		Hose supplied	Connection		Weight	
fixed	swivelling		inlet	outlet	fixed	swivelling

series 300 200 bar	302/30	-	without hose *	G 3/8" (f)	G 3/8" (f)	11,2 kg	-
	302/31	-	12 m - 5/16" (943/12)	G 3/8" (f)	G 3/8" (f)	14,8 kg	-
	303/31	-	12 m - 5/16" (944/12)	G 3/8" (f)	G 3/8" (f)	14,8 kg	-

* Hose reel capacity	inner hose ø	1/4"	5/16"	3/8"	1/2"
	max. length	12 m	12 m	12 m	8 m

series 350 200 bar	352/30	352/30/SO	without hose *	G 3/8" (f)	G 3/8" (f)	13,0 kg	13,5 kg
	352/32	352/32/SO	17 m - 5/16" (943/17)	G 3/8" (f)	G 3/8" (f)	17,0 kg	17,5 kg
	353/31	353/31/SO	12 m - 5/16" (944/12)	G 3/8" (f)	G 3/8" (f)	16,6 kg	17,1 kg

* Hose reel capacity	inner hose ø	1/4"	5/16"	3/8"	1/2"
	max. length	15 m	16 m	17 m	12 m

series 430 200 bar	434/30	434/30/SO	without hose *	G 3/8" (f)	G 1/2" (f)	16,0 kg	16,5 kg
	432/31	432/31/SO	12 m - 3/8" (955/12)	G 3/8" (f)	G 3/8" (f)	20,3 kg	20,8 kg
	432/32	432/32/SO	18 m - 3/8" (955/18)	G 3/8" (f)	G 3/8" (f)	22,4 kg	22,9 kg
	433/32	433/32/SO	18 m - 3/8" (956/18)	G 3/8" (f)	G 3/8" (f)	22,4 kg	22,9 kg

* Hose reel capacity	inner hose ø	5/16"	3/8"	1/2"
	max. length	20 m	20 m	16 m

series 530 200 bar	534/30	534/30/SO	without hose *	G 3/8" (f)	G 1/2" (f)	21,0 kg	22,0 kg
	532/32	532/32/SO	20 m - 3/8" (955/20)	G 3/8" (f)	G 3/8" (f)	27,0 kg	28,0 kg
	532/31	532/31/SO	25 m - 3/8" (955/25)	G 3/8" (f)	G 3/8" (f)	28,5 kg	29,5 kg
	533/32	533/32/SO	25 m - 3/8" (956/25)	G 3/8" (f)	G 3/8" (f)	28,5 kg	29,5 kg

* Hose reel capacity	inner hose ø	3/8"	1/2"	5/8"
	max. length	25 m	25 m	22 m

series 540 200 bar	544/30	544/30/SO	without hose *	G 3/8" (f)	G 1/2" (f)	28,5 kg	34,0 kg
	542/31	542/31/SO	30 m - 3/8" (955/30)	G 3/8" (f)	G 3/8" (f)	36,8 kg	42,3 kg
	543/31	543/31/SO	30 m - 3/8" (956/30)	G 3/8" (f)	G 3/8" (f)	36,8 kg	42,3 kg

* Hose reel capacity	inner hose ø	3/8"	1/2"	5/8"
	max. length	30 m	30 m	30 m

series 560 200 bar	564/30	-	without hose *	G 3/8" (f)	G 1/2" (f)	47,5 kg	-
	562/31	-	40 m - 3/8" (955/40)	G 3/8" (f)	G 3/8" (f)	59,0 kg	-
	562/32	-	50 m - 3/8" (955/50)	G 3/8" (f)	G 3/8" (f)	64,8 kg	-

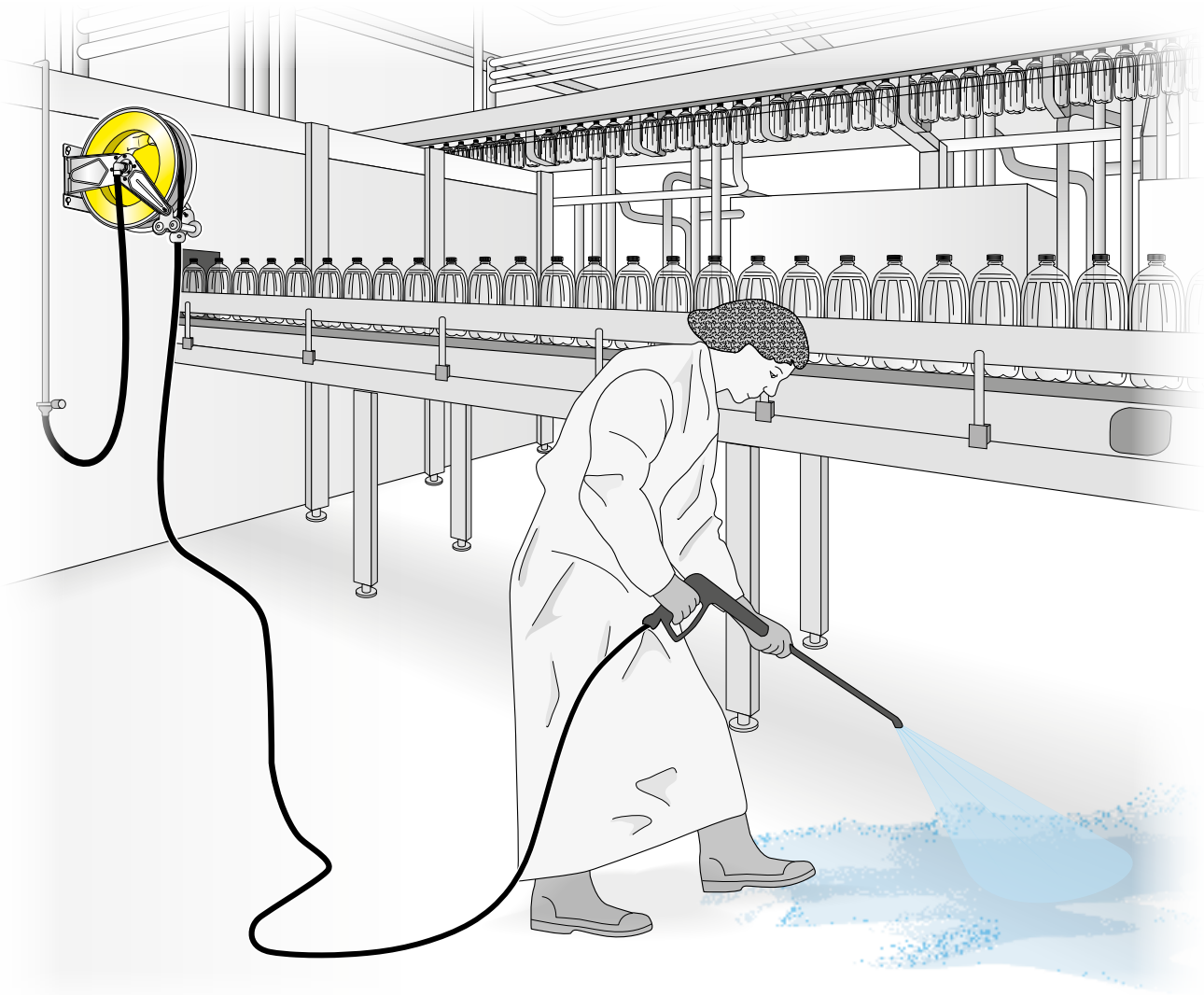
* Hose reel capacity	inner hose ø	3/8"	1/2"	5/8"
	max. length	60 m	60 m	60 m



Hygienic hose



Black rubber hose



AISI 304 Hot water 400 - 700 bar

P/N		Hose supplied	Connection		Weight	
fixed	swivelling		inlet	outlet	fixed	swivelling

s. 300 400 bar	302/35	-	without hose *	G 3/8" (f)	G 3/8" (f)	11,2 kg	-
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* Hose reel capacity	inner hose ø	1/4"	5/16"	3/8"	1/2"
	max. length	12 m	12 m	12 m	8 m

s. 350 400 bar	352/35	352/35/SO	without hose *	G 3/8" (f)	G 3/8" (f)	13,0 kg	13,5 kg
	352/37	352/37/SO	17 m - 3/8" (945/17)	G 3/8" (f)	G 3/8" (f)	20,7 kg	21,2 kg

* Hose reel capacity	inner hose ø	1/4"	5/16"	3/8"	1/2"
	max. length	15 m	16 m	17 m	12 m

series 430 400 bar	434/35	434/35/SO	without hose *	G 3/8" (f)	G 1/2" (f)	16,0 kg	16,5 kg
	432/39	432/39/SO	15 m - 3/8" (907/15)	G 3/8" (f)	G 3/8" (f)	23,1 kg	23,6 kg
	433/39	433/39/SO	15 m - 3/8" (906/15)	G 3/8" (f)	G 3/8" (f)	23,1 kg	23,6 kg

* Hose reel capacity	inner hose ø	5/16"	3/8"
	max. length	12 m	15 m

s. 530 400 bar	534/35	534/35/SO	without hose *	G 3/8" (f)	G 1/2" (f)	21,0 kg	22,0 kg
	532/37	532/37/SO	25 m - 3/8" (907/25)	G 3/8" (f)	G 3/8" (f)	31,8 kg	32,8 kg
	533/37	533/37/SO	25 m - 3/8" (906/25)	G 3/8" (f)	G 3/8" (f)	31,8 kg	32,8 kg

s. 530 700 bar	534/550	-	without hose *	G 3/8" (f)	G 3/8" (f)	21,0 kg	-
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* Hose reel capacity	inner hose ø	3/8"	1/2"
	max. length	25 m	25 m

s. 540 400 bar	544/35	544/35/SO	without hose *	G 3/8" (f)	G 1/2" (f)	28,0 kg	33,5 kg
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s. 540 700 bar	544/550	-	without hose *	G 3/8" (f)	G 3/8" (f)	28,5 kg	-
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* Hose reel capacity	inner hose ø	3/8"	1/2"
	max. length	30 m	30 m

s. 560 400 bar	564/35	-	without hose *	G 3/8" (f)	G 1/2" (f)	48,0 kg	-
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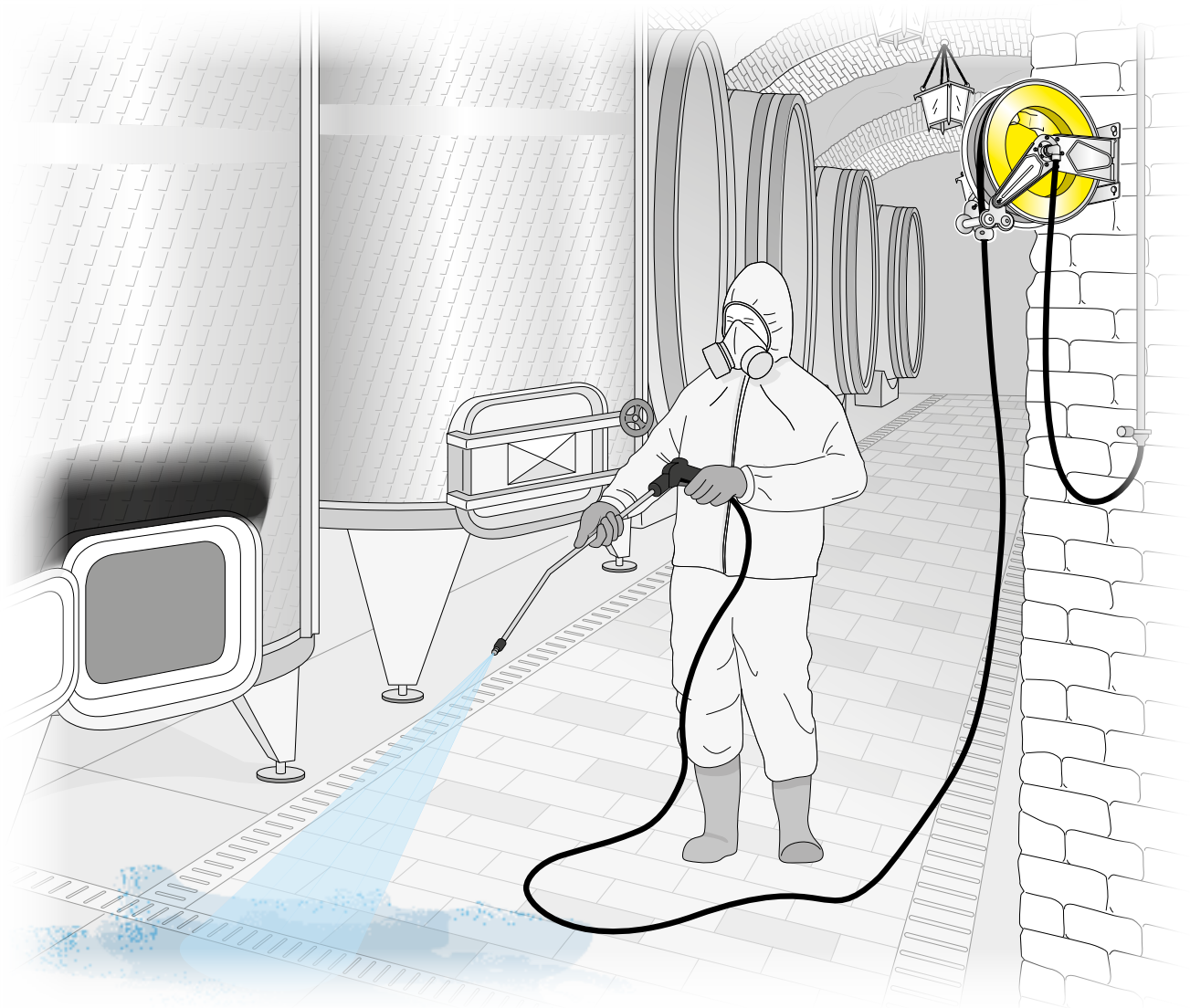
* Hose reel capacity	inner hose ø	3/8"	1/2"
	max. length	60 m	60 m



Hygienic hose



Black rubber hose



series 430

series 530

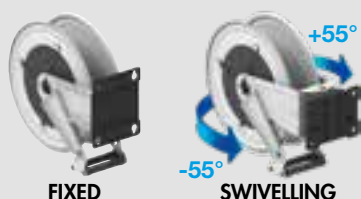
series 540

series 560



- 0,6 m inlet hose in the versions with the hose.
- Multi-position arms.
- Customizable with "Speed Control" rewinding brake or automatic hose guide.
- Hose stop available for all standard models, even those supplied without hose.

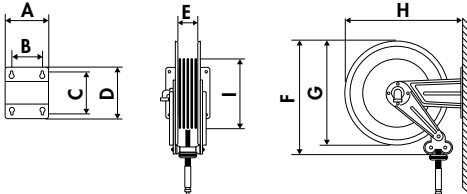
In accordance with directive



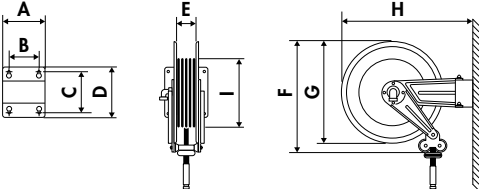
Can be rendered swivelling by using the special bracket, see page 21.

Technical Data	
Type of fluid	Hot water
Pressure	100 bar - 200 bar - 400 bar
Working temperature	≤ 130 °C

Seals	Swivel joint	Central pin
Viton®-Teflon®	AISI 316 s. steel	AISI 316 s. steel
		

FIXED Overall dimensions (mm)											Series		A		B		C		D		E		F		G		H		I		Packaging (mm) WxDxH	
	430	186	140	197	226	97	450	415	456	264		580x280x590																				
	530	203	153	221	258	104	535	510	558	315		650x290x700																				
	540	300	218	227	268	165	535	510	572	315		660x390x690																				
	560	488	399	238	272	348	535	510	578	315		670x610x760																				
(W: width - D: depth - H: height)																																

(W: width - D: depth - H: height)

SWIVELLING Overall dimensions (mm)											Series		A		B		C		D		E		F		G		H		I		Packaging (mm) WxDxH	
											430	208	162	118	164	97	450	415	540	264		580x280x590										
											530	228	182	154	200	104	535	510	642	315		650x290x700										
											540	300	218	227	268	165	535	510	700	315		660x390x690										
											(W: width - D: depth - H: height)																					
											See literature provided with this base and version 53																					

(W: width - D: depth - H: height)

⚠ See kits prepared with this hose reel on page 58.

AISI 316 Hot water 100 - 200 - 400 bar

P/N	Hose supplied	Connection		Weight
		inlet	outlet	



s. 430 100 bar	435/20	without hose *	G 1/2" (f)	G 1/2" (f)	16,0 kg
s. 430 200 bar	435/30	without hose **	G 3/8" (f)	G 1/2" (f)	16,0 kg
s. 430 400 bar	435/35	without hose **	G 3/8" (f)	G 1/2" (f)	16,0 kg

* Hose reel capacity	inner hose ø	5/16"	3/8"	1/2"
	max. length	20 m	20 m	16 m
** Hose reel capacity	inner hose ø	5/16"	3/8"	
	max. length	12 m	15 m	



s. 530 100 bar	535/20	without hose *	G 1/2" (f)	G 1/2" (f)	21,0 kg
s. 530 200 bar	535/30	without hose **	G 3/8" (f)	G 1/2" (f)	21,0 kg
s. 530 400 bar	535/35	without hose **	G 3/8" (f)	G 1/2" (f)	21,0 kg

* Hose reel capacity	inner hose ø	3/8"	1/2"	5/8"
	max. length	25 m	25 m	22 m
** Hose reel capacity	inner hose ø	3/8"	1/2"	
	max. length	25 m	25 m	



s. 540 100 bar	545/20	without hose *	G 1" (f)	G 1" (f)	28,0 kg
	545/25	without hose **	G 1/2" (f)	G 1/2" (f)	28,5 kg

* Hose reel capacity	inner hose ø	5/8"	3/4"	1"
	max. length	20 m	22 m	15 m
** Hose reel capacity	inner hose ø	3/8"	1/2"	5/8"
	max. length	32 m	33 m	36 m

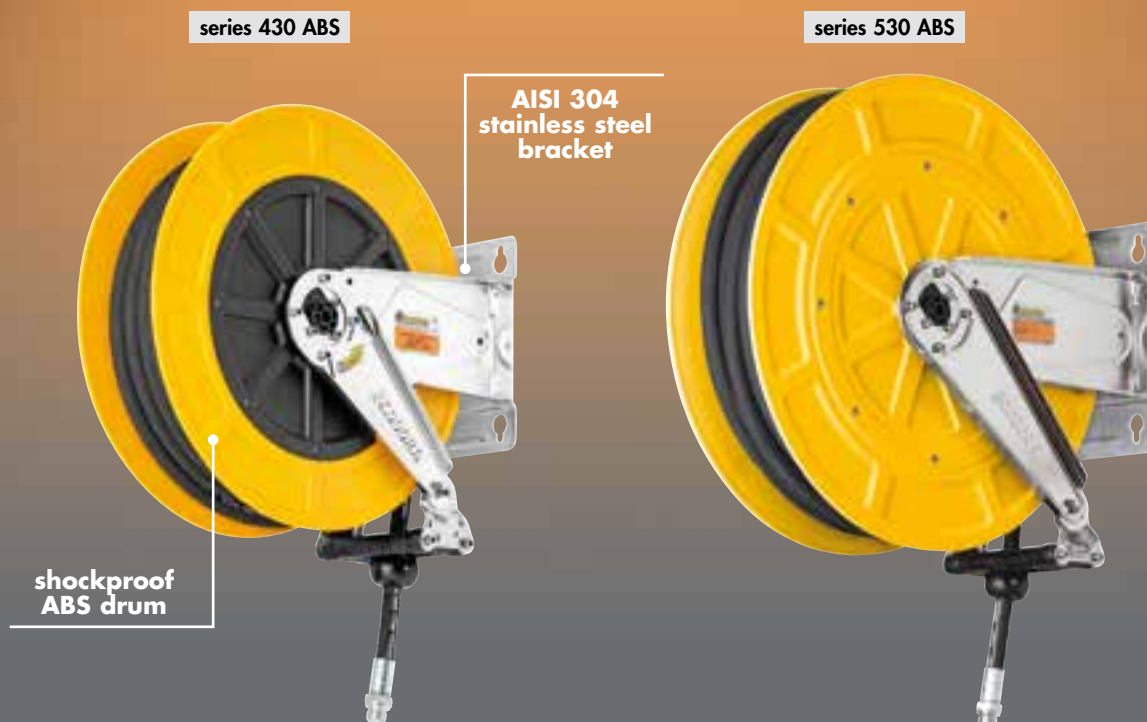


s. 560 100 bar	565/20	without hose *	G 1" (f)	G 1" (f)	48,5 kg
	565/26	without hose **	G 1/2" (f)	G 1/2" (m)	47,5 kg

* Hose reel capacity	inner hose ø	5/8"	3/4"	1"
	max. length	50 m	40 m	30 m
** Hose reel capacity	inner hose ø	3/8"	1/2"	5/8"
	max. length	60 m	60 m	60 m

FIXED AND SWIVELLING OPEN HOSE REELS WITH ABS*

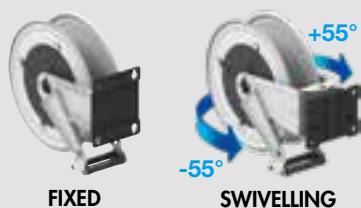
WITH AISI 304 STAINLESS STEEL BRACKETS



- 0,6 m inlet hose in the versions with the hose.
- Multi-position arm.
- Customizable with "Speed Control" rewinding brake or automatic hose guide.
- Hose stop available for all standard models, even those supplied without hose.
- **Spring cassette totally sealed from the working environment designed for series 530 ABS.**

Technical Data		
Type of fluid	Air - Water	Hot water
Pressure	10 bar - 20 bar	100 bar - 200 bar - 400 bar
Working temperature	≤ 100 °C	≤ 130 °C

In accordance with directive

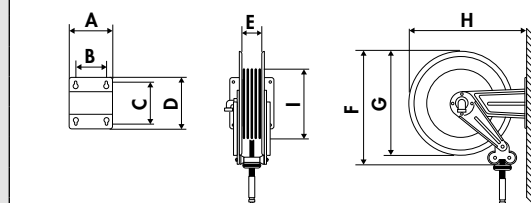


Can be rendered swivelling by using the special bracket, see page 21.

Hoses		Connections	Seals	Swivel joint	Central pin
black rubber	hygienic hose	galvanized steel - AISI 316 s. steel	Viton® - Teflon®	AISI 304 s. steel - brass	AISI 304 s. steel
					

FIXED Overall dimensions (mm)											Packaging (mm) WxDxH	
Series	A	B	C	D	E	F	G	H	I			
430 ABS	186	140	197	226	110	450	425	461	259			580x280x590
530 ABS	203	153	221	258	121	535	510	558	327			650x290x700

(W: width - D: depth - H: height)



* "Acrylonitrile Butadiene Styrene", a technoplastic polymer.

⚠ See kits prepared with this hose reel on page 58.

ABS Air - Water 10 - 20 bar

P/N	Hose supplied	Connection		Weight
		inlet	outlet	

series 430 ABS 20 bar	4432/10	without hose *	G 1/2" (f)	G 1/2" (f)	12,5 kg
	4432/12	12 m - 3/8" (952/13)	G 1/2" (f)	G 3/8" (m)	15,2 kg
	4432/13	18 m - 3/8" (952/19)	G 1/2" (f)	G 3/8" (m)	16,0 kg
	4432/14	10 m - 1/2" (962/10)	G 1/2" (f)	G 1/2" (m)	15,7 kg
	4432/11	15 m - 1/2" (962/15)	G 1/2" (f)	G 1/2" (m)	16,7 kg
10 bar	4434/12	15 m - 1/2" (861/15)	G 1/2" (f)	G 1/2" (m)	15,5 kg

* Hose reel capacity	inner hose ø	5/16"	3/8"	1/2"
	max. length	20 m	20 m	16 m

series 530 ABS 20 bar	4532/10	without hose *	G 1/2" (f)	G 1/2" (f)	16,3 kg
	4532/12	20 m - 1/2" (962/20)	G 1/2" (f)	G 1/2" (m)	21,6 kg
	4532/13	25 m - 1/2" (962/25)	G 1/2" (f)	G 1/2" (m)	22,5 kg
	4534/12	25 m - 1/2" (861/25)	G 1/2" (f)	G 1/2" (m)	24,8 kg

* Hose reel capacity	inner hose ø	3/8"	1/2"	5/8"
	max. length	22 m	25 m	22 m

 Food approved hygienic hose

ABS Hot water 100 - 200 - 400 bar

P/N	Hose supplied	Connection		Weight
		inlet	outlet	

series 430 ABS 100 bar	4434/20	without hose *	G 1/2" (f)	G 1/2" (f)	12,5 kg
	4432/21	10 m - 1/2" (952/13)	G 1/2" (f)	G 1/2" (m)	17,3 kg
	4432/22	15 m - 1/2" (952/19)	G 1/2" (f)	G 1/2" (m)	18,7 kg
	4433/22	15 m - 1/2" (960/15)	G 1/2" (f)	G 1/2" (m)	20,0 kg

* Hose reel capacity	inner hose ø	5/16"	3/8"	1/2"
	max. length	20 m	20 m	16 m

series 530 ABS 100 bar	4534/20	without hose *	G 1/2" (f)	G 1/2" (f)	16,3 kg
	4532/21	20 m - 1/2" (962/20)	G 1/2" (f)	G 1/2" (m)	25,0 kg
	4532/22	25 m - 1/2" (962/25)	G 1/2" (f)	G 1/2" (m)	26,3 kg
	4533/22	25 m - 1/2" (960/25)	G 1/2" (f)	G 1/2" (m)	26,9 kg

* Hose reel capacity	inner hose ø	3/8"	1/2"	5/8"
	max. length	25 m	25 m	22 m

series 430 ABS 200 bar	4434/30	without hose *	G 3/8" (f)	G 1/2" (f)	12,5 kg
	4434/31	12 m - 3/8" (952/13)	G 3/8" (f)	G 3/8" (f)	16,8 kg
	4434/32	18 m - 3/8" (952/19)	G 3/8" (f)	G 3/8" (f)	18,8 kg
	4433/32	18 m - 3/8" (956/18)	G 3/8" (f)	G 3/8" (f)	19,0 kg

* Hose reel capacity	inner hose ø	5/16"	3/8"	1/2"
	max. length	20 m	20 m	16 m

series 530 ABS 200 bar	4534/30	without hose *	G 3/8" (f)	G 1/2" (f)	16,3 kg
	4532/31	20 m - 3/8" (962/20)	G 3/8" (f)	G 3/8" (f)	22,4 kg
	4532/32	25 m - 3/8" (962/25)	G 3/8" (f)	G 3/8" (f)	23,6 kg
	4533/32	25 m - 3/8" (960/25)	G 3/8" (f)	G 3/8" (f)	24,0 kg

* Hose reel capacity	inner hose ø	3/8"	1/2"	5/8"
	max. length	25 m	25 m	22 m

series 430 ABS 400 bar	4434/35	without hose *	G 3/8" (f)	G 1/2" (f)	12,5 kg
	4432/38	10 m - 3/8" (952/13)	G 3/8" (f)	G 3/8" (f)	18,4 kg
	4432/39	15 m - 3/8" (907/15)	G 3/8" (f)	G 3/8" (f)	20,8 kg

* Hose reel capacity	inner hose ø	5/16"	3/8"	
	max. length	12 m	15 m	

series 530 ABS 400 bar	4534/35	without hose *	G 3/8" (f)	G 1/2" (f)	16,3 kg
	4532/37	25 m - 3/8" (962/20)	G 3/8" (f)	G 3/8" (f)	27,0 kg
	4533/37	25 m - 3/8" (960/25)	G 3/8" (f)	G 3/8" (f)	30,3 kg

* Hose reel capacity	inner hose ø	3/8"	1/2"	
	max. length	25 m	25 m	

 Hygienic hose

 Black rubber hose

AUTOMATIC HOSE GUIDE IN AISI 316 STAINLESS STEEL



P/N OE79/44312

Automatic hose guide in AISI 316 stainless steel
for hose reel s. 430, hoses up to 1/2".

P/N OE79/45301

Automatic hose guide in AISI 316 stainless steel
for hose reel s. 530, hoses up to 1".

P/N OE79/45312

Automatic hose guide in AISI 316 stainless steel
for hose reel s. 530, hoses up to 1/2".

P/N OE79/45401

Automatic hose guide in AISI 316 stainless steel
for hose reel s. 540, hoses up to 3/4".

P/N OE79/45402

Automatic hose guide in AISI 316 stainless steel
for hose reel s. 540, 1" hoses.

P/N OE79/45412

Automatic hose guide in AISI 316 stainless steel
for hose reel s. 540, hoses up to 1/2".

P/N OE79/45601

Automatic hose guide in AISI 316 stainless steel
for hose reel s. 560, hoses up to 3/4".

P/N OE79/45602

Automatic hose guide in AISI 316 stainless steel
for hose reel s. 560, 1" hoses.

P/N OE79/45612

Automatic hose guide in AISI 316 stainless steel
for hose reel s. 560, hoses up to 1/2".

REWINDING BRAKE

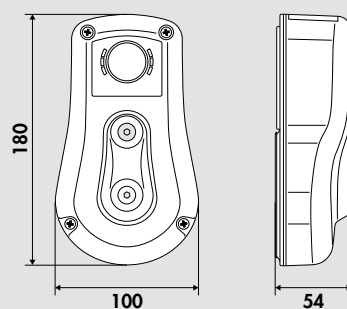


P/N 430/021

Rewinding brake.

It guarantees the hose's rewinding at a limited speed and safely, in case of accidental release.

Available in series 430, 530, 540 and 560.



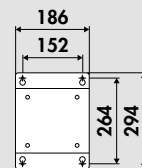


P/N 430/02

P/N 430/02

Fixed support in AISI 304 stainless steel

for fixed hose reels in AISI 304 stainless steel series 430.

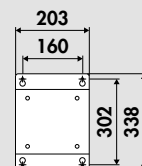


P/N 530/02

P/N 530/02

Fixed support in AISI 304 stainless steel

for fixed hose reels in AISI 304 stainless steel series 530.

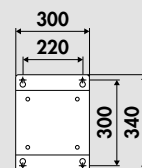


P/N 540/02

P/N 540/02

Fixed support in AISI 304 stainless steel

for fixed hose reels in AISI 304 stainless steel series 540.

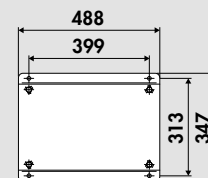


P/N 560/02

P/N 560/02

Fixed support in AISI 304 stainless steel

for fixed hose reels in AISI 304 stainless steel series 560.

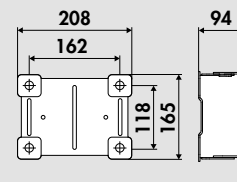


P/N 430/06
P/N 430/07

P/N 430/06

Swivelling bracket in AISI 304 stainless steel

for fixed hose reels in AISI 304 stainless steel series 430.

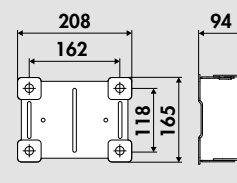


P/N 530/06
P/N 530/07

P/N 530/06

Swivelling bracket in AISI 304 stainless steel

for fixed hose reels in AISI 304 stainless steel series 530.



P/N 540/06
P/N 540/07
P/N 560/07

P/N 540/06

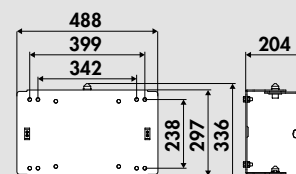
Swivelling bracket in AISI 304 stainless steel for fixed hose reels in AISI 304 stainless steel series 540.

P/N 540/07

Swivelling bracket in AISI 316 stainless steel for fixed hose reels in AISI 316 stainless steel series 540.

P/N 560/07

Swivelling bracket in AISI 316 stainless steel for fixed hose reels in AISI 316 stainless steel series 560.



P/N 430/08

Protective rack side cover in ABS

for hose reel series 430.

P/N 530/08

Protective rack side cover in ABS

for hose reel series 530 - 540 - 560.



MANUAL HOSE REELS

Made of **AISI 304** or **AISI 316**
stainless steel



UNREEL WITH
SAFETY

The handle rotation lock system,
designed by ECODORA,
allows you to work
without any concerns.



series 430

series 530

series 540

series 560



- Swivel joint: designed to minimise load losses. Available in different materials to ensure maximum chemical compatibility with a wide range of fluids.
- Fixing bracket: has 4 slotted holes for safe, easy installation.
- Standard safety system which prevents the handle from being turned during unwinding.
- Available for standard models: adjustable clutch that allows to regulate the speed of drum rotation when unwinding the hose.

Technical Data		
Type of fluid	Air - Water	Hot water
Pressure	20 bar	100 bar - 200 bar - 400 bar
Working temperature	≤ 100 °C	≤ 130 °C

In accordance with directive



Seals	Swivel joint	Central pin
Viton®	AISI 304 - 316 s. steel	AISI 304 - 316 s. steel
		

Overall dimensions (mm)				Series	A	B	C	D	E	F	G	H	I	Packaging (mm) WxDxH	
	430	186	140	197	226	410	97	456	415	264		540x390x580			
	530	203	153	220	258	425	104	558	510	315		660x390x690			
	540	300	218	228	268	532	165	572	510	315		640x470x695			
	560	488	399	238	272	712	348	578	510	315		670x610x760			

(W: width - D: depth - H: height)

 See kits prepared with this hose reel on page 58.

Technical Characteristics

SWIVEL JOINT

Designed to minimise load losses. Available in different materials to ensure maximum chemical compatibility with a wide range of fluids.

DRUM SUPPORT BUSHING

Made of self-lubricating technopolymer with excellent wear and corrosion resistance.

ADJUSTABLE CLUTCH

CENTRAL PIN

Designed to minimise load losses. Available in different materials to ensure maximum chemical compatibility with a wide range of fluids.

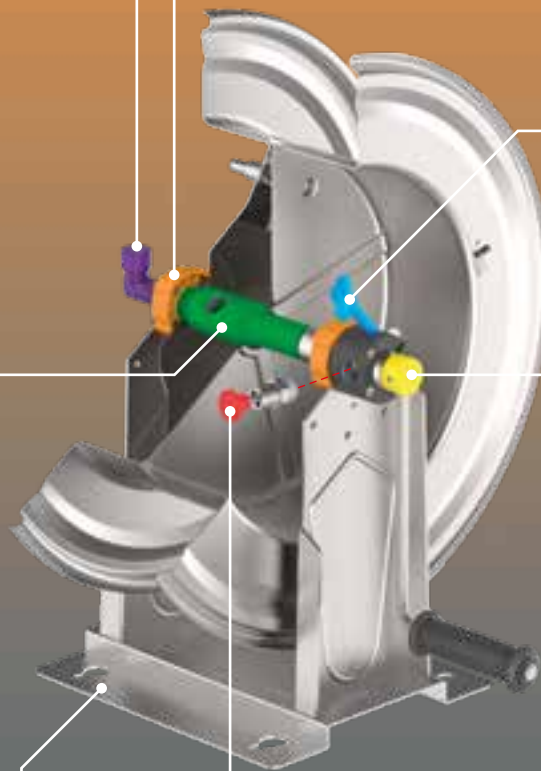
SAFETY SYSTEM

FIXING BRACKET

Has 4 slotted holes for safe, easy installation.

ROTATION LOCK

The optional rotation lock is recommended for use in vibration environments (trucks, industrial machines, etc.).



AISI 304 Air - Water 20 bar

P/N	Drum external width (mm)	Connection		Weight
		inlet	outlet	

s. 430 20 bar	74320/10	115	G 1/2" (f)	G 1/2" (f)	14,5 kg
	74320/150	115	G 1" (f)	G 3/4" (f)	15,5 kg

Hose reel capacity	inner hose ø	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"
	max. length	52 m	35 m	25 m	17 m	15 m	8 m

s. 530 20 bar	75320/10	125	G 1/2" (f)	G 1/2" (f)	16,0 kg
	75320/150	125	G 1" (f)	G 1" (f)	17,0 kg

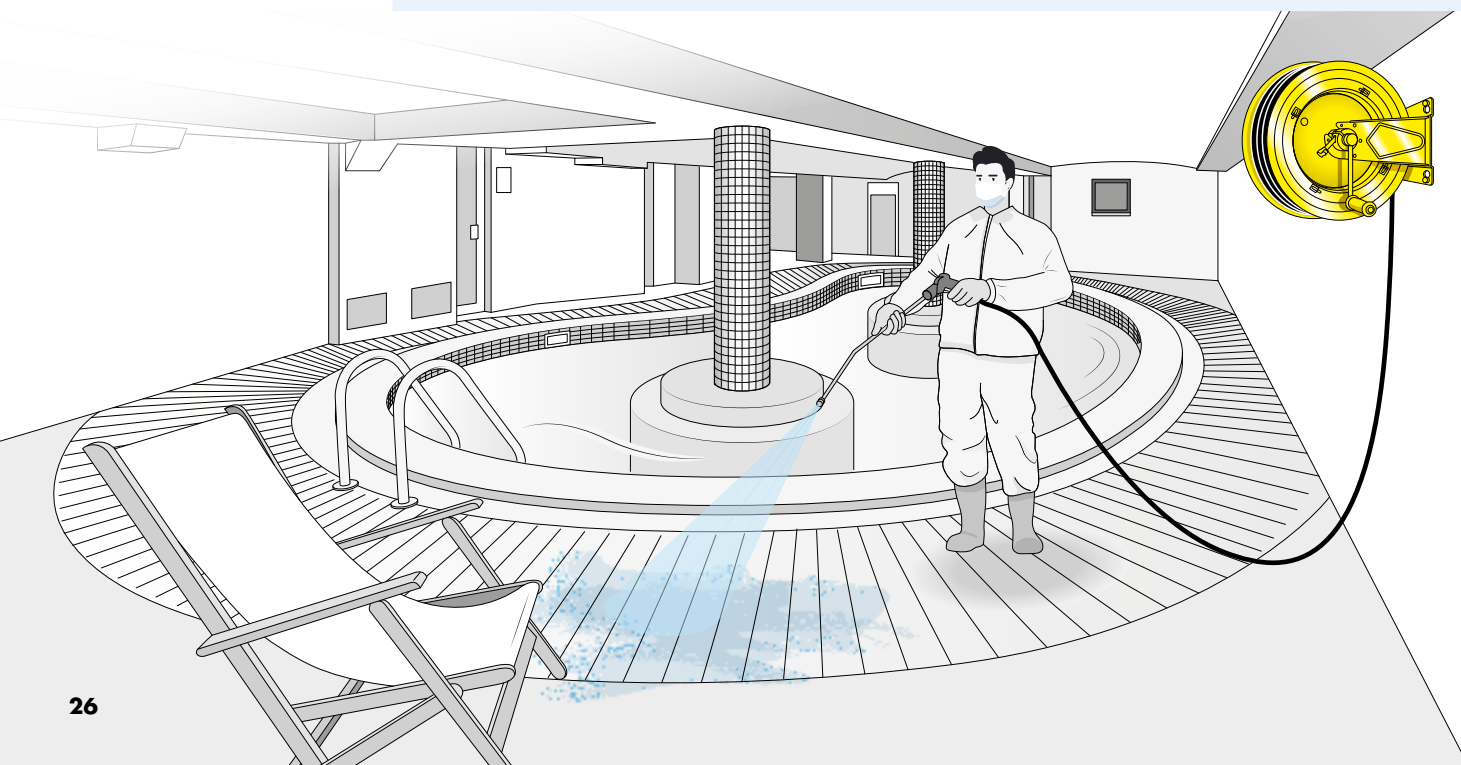
Hose reel capacity	inner hose ø	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"
	max. length	92 m	65 m	35 m	25 m	20 m	15 m	7 m

s. 540 20 bar	75420/10	190	G 1" (f)	G 1" (f)	18,5 kg
	75420/15	190	G 1/2" (f)	G 1/2" (f)	17,3 kg

Hose reel capacity	inner hose ø	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"
	max. length	150 m	110 m	65 m	45 m	35 m	25 m	15 m

s. 560 20 bar	75620/10	368	G 1" (f)	G 1" (f)	36,0 kg
	75620/16	368	G 1/2" (f)	G 1/2" (f)	35,0 kg

Hose reel capacity	inner hose ø	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"
	max. length	320 m	200 m	140 m	100 m	90 m	60 m	30 m



AISI 304-316 Hot water 100 - 200 - 400 bar

P/N AISI 304 s. steel	P/N AISI 316 s. steel	Drum external width (mm)	Connection		Weight
			inlet	outlet	

s. 430 100 bar	74340/20	74350/20	115	G 1/2" (f)	G 1/2" (f)	14,5 kg
	74340/250	-	115	G 1" (f)	G 3/4" (f)	15,5 kg
s. 430 200 bar	74340/30	74350/30	115	G 3/8" (f)	G 1/2" (f)	14,5 kg
s. 430 400 bar	74340/35	74350/35	115	G 3/8" (f)	G 1/2" (f)	14,5 kg

Hose reel capacity		inner hose ø max. length	1/4" 52 m	5/16" 35 m	3/8" 25 m	1/2" 17 m	5/8" 15 m	3/4" 8 m
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s. 530 100 bar	75340/20	75350/20	115	G 1/2" (f)	G 1/2" (f)	16,0 kg
s. 530 200 bar	75340/30	75350/30	115	G 3/8" (f)	G 1/2" (f)	16,0 kg
s. 530 400 bar	75340/35	75350/35	115	G 3/8" (f)	G 1/2" (f)	16,0 kg

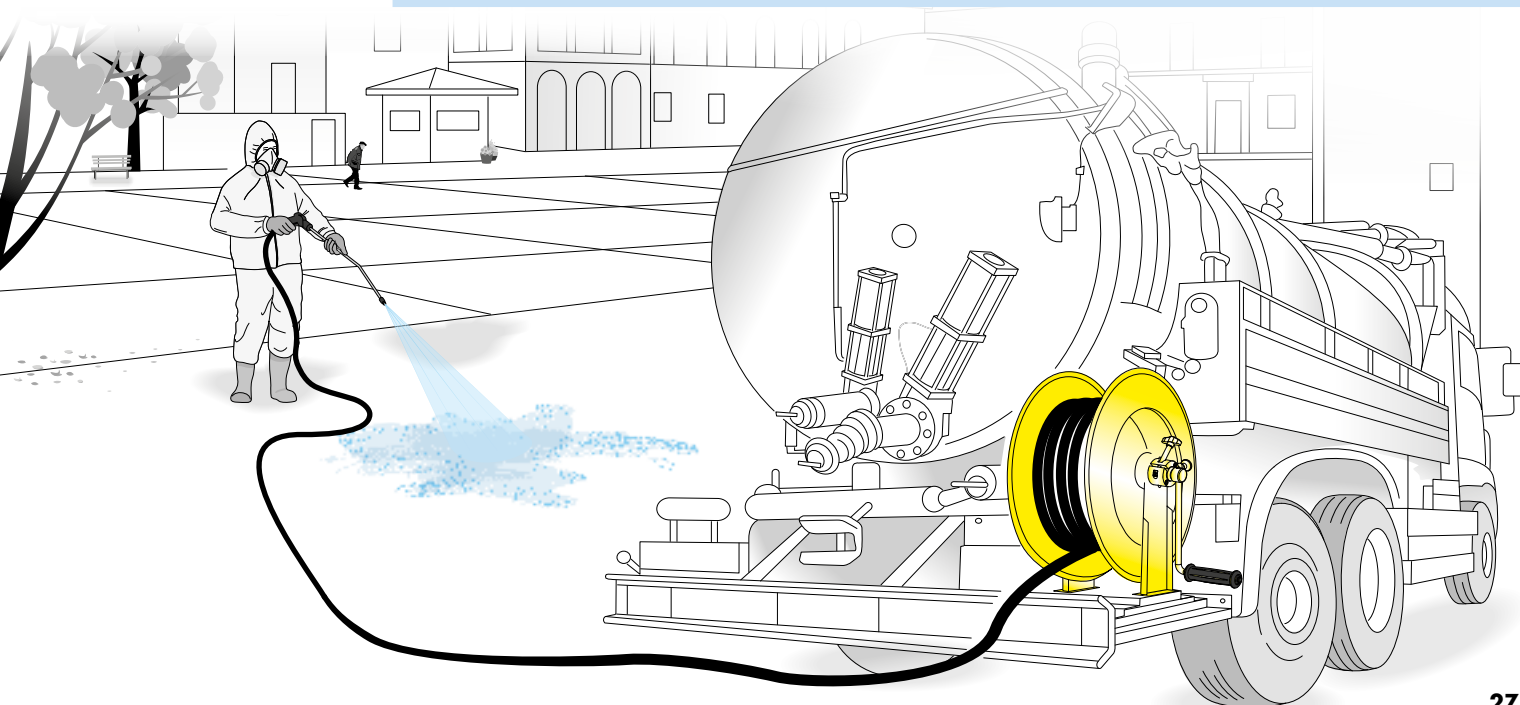
Hose reel capacity		inner hose ø max. length	1/4" 92 m	5/16" 65 m	3/8" 35 m	1/2" 25 m	5/8" 20 m
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s. 540 100 bar	75440/20	75450/20	190	G 1" (f)	G 1" (f)	18,3 kg
	75440/25	75450/25	190	G 1/2" (f)	G 1/2" (f)	17,3 kg
s. 540 200 bar	75440/30	-	190	G 3/8" (f)	G 1/2" (f)	17,3 kg
s. 540 400 bar	75440/35	-	190	G 3/8" (f)	G 1/2" (f)	17,3 kg

Hose reel capacity		inner hose ø max. length	1/4" 150 m	5/16" 110 m	3/8" 65 m	1/2" 17 m	5/8" 35 m	3/4" 25 m	1" 55 m
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s. 560 100 bar	75640/20	75650/20	368	G 1" (f)	G 1" (f)	35,0 kg
	75640/26	75650/26	368	G 1/2" (f)	G 1/2" (f)	35,0 kg
s. 560 200 bar	75640/30	-	368	G 3/8" (f)	G 1/2" (f)	35,0 kg
s. 560 400 bar	75640/35	-	368	G 3/8" (f)	G 1/2" (f)	35,0 kg

Hose reel capacity		inner hose ø max. length	1/4" 320 m	5/16" 200 m	3/8" 140 m	1/2" 100 m	5/8" 90 m	3/4" 60 m	1" 30 m
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series 430 ABS

In accordance with directive



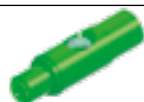
AISI 304 Air - Water 20 bar					
	P/N	Drum external width (mm)	Connection		Weight
			inlet	outlet	
series 430 20 bar	74325/10	120	G 1/2" (f)	G 1/2" (f)	12,0 kg

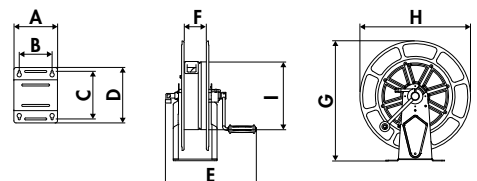
Hose reel capacity	inner hose ø max. length	1/4" 52 m	5/16" 35 m	3/8" 25 m	1/2" 17 m	5/8" 15 m
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AISI 304 Hot water 100 - 200 - 400 bar					
series 430 100 bar	74345/20	120	G 1/2" (f)	G 1/2" (f)	12,0 kg
series 430 200 bar	74345/30	120	G 3/8" (f)	G 1/2" (f)	12,0 kg
series 430 400 bar	74345/35	120	G 3/8" (f)	G 1/2" (f)	12,0 kg

Hose reel capacity	inner hose ø max. length	1/4" 52 m	5/16" 35 m	3/8" 25 m	1/2" 17 m
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Technical Data		
Type of fluid	Air - Water	Hot water
Pressure	20 bar	100 bar - 200 bar - 400 bar
Working temperature	≤ 100 °C	≤ 130 °C

Seals	Swivel joint	Central pin
Viton®	AISI 304 - 316 s. steel - brass	AISI 304 - 316 s. steel
		

Overall dimensions (mm)		Series	A	B	C	D	E	F	G	H	I	Packaging (mm) WxDxH
		430 ABS	186	140	197	226	410	97	456	415	264	 540x390x580

(W: width - D: depth - H: height)

* "Acrylonitrile Butadiene Styrene", a technoplastic polymer.

⚠ See kits prepared with this hose reel on page 58.





series 530



series 540

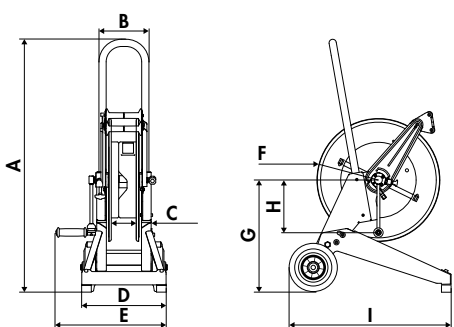


series 560

- Rotation lock as standard.
- Standard safety system that prevents the handle from being turned during unwinding.
- Adjustable clutch as standard.
- Fold-in handle as standard.
- Wheels and rubber stoppers made of hygienic **rubber available** on request.
- **Automatic brake** is the innovative trolley block for the stationary position.

Technical Data		
Type of fluid	Air - Water	Hot water
Pressure	20 bar	100 bar - 200 bar - 400 bar
Working temperature	≤ 100 °C	≤ 130 °C

Trolley and drum	Seals	Swivel joint	Central pin
AISI 304 - 316 s. steel	Viton® - Teflon®	AISI 304 - 316 s. steel - brass	AISI 304 - 316 s. steel
			

Overall dimensions (mm)	Series	A	B	C	D	E	F	G	H	I	Packaging (mm) WxDxH
	530	1050	210	104	350	464	510	463	205	675	650x290x700
	540	1050	270	165	413	530	510	463	205	675	660x390x690
	560	1050	450	348	595	705	510	463	205	675	670x610x760

(W: width - D: depth - H: height)

 See kits prepared with this hose reel on page 58.

Technical Characteristics

ROTATION LOCK

HOSE GUIDE

SWIVEL JOINT

Designed to minimise load losses.
Available in different materials to ensure maximum chemical compatibility with a wide range of fluids.

SAFETY SYSTEM

CENTRAL PIN

AUTOMATIC BRAKE

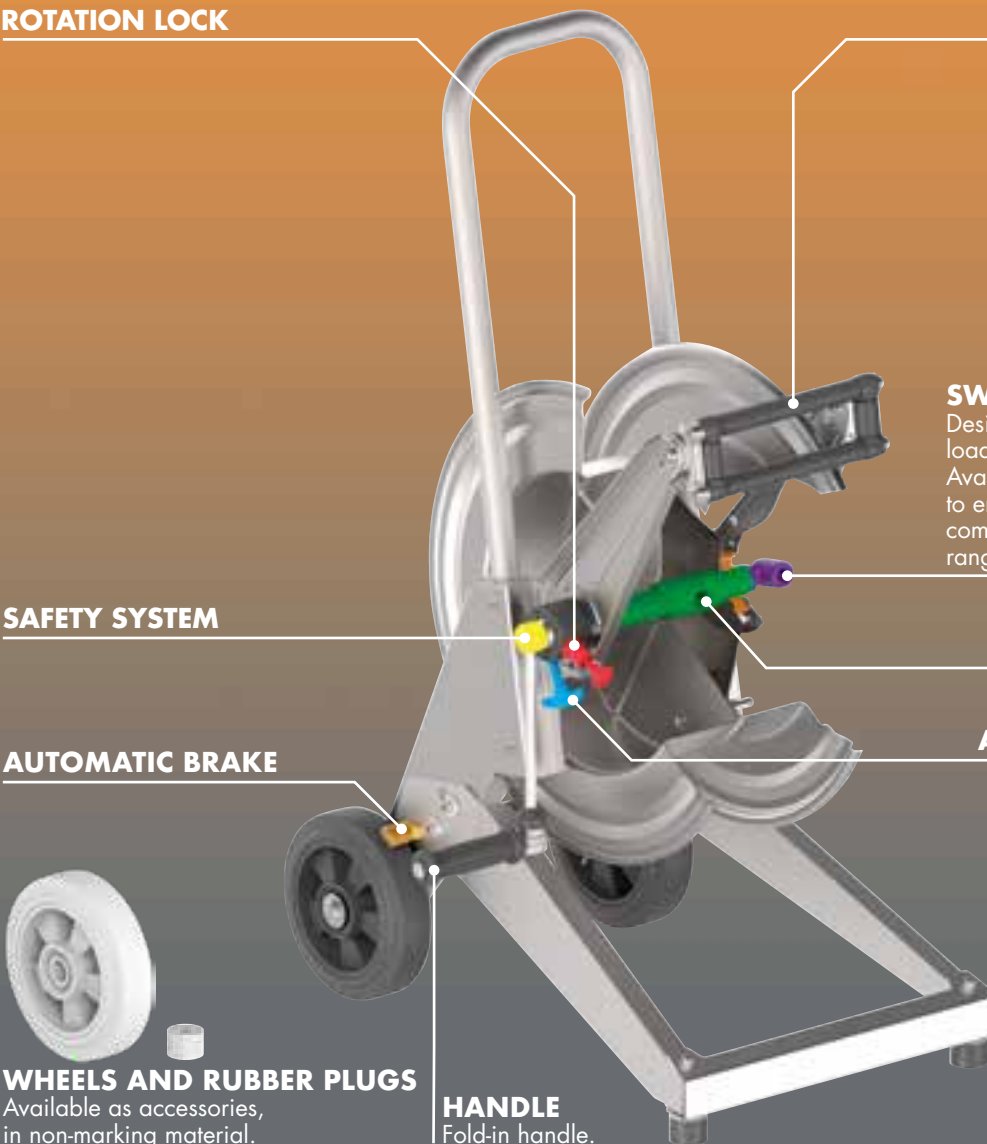
ADJUSTABLE CLUTCH

WHEELS AND RUBBER PLUGS

Available as accessories, in non-marking material.

HANDLE

Fold-in handle.





series 530

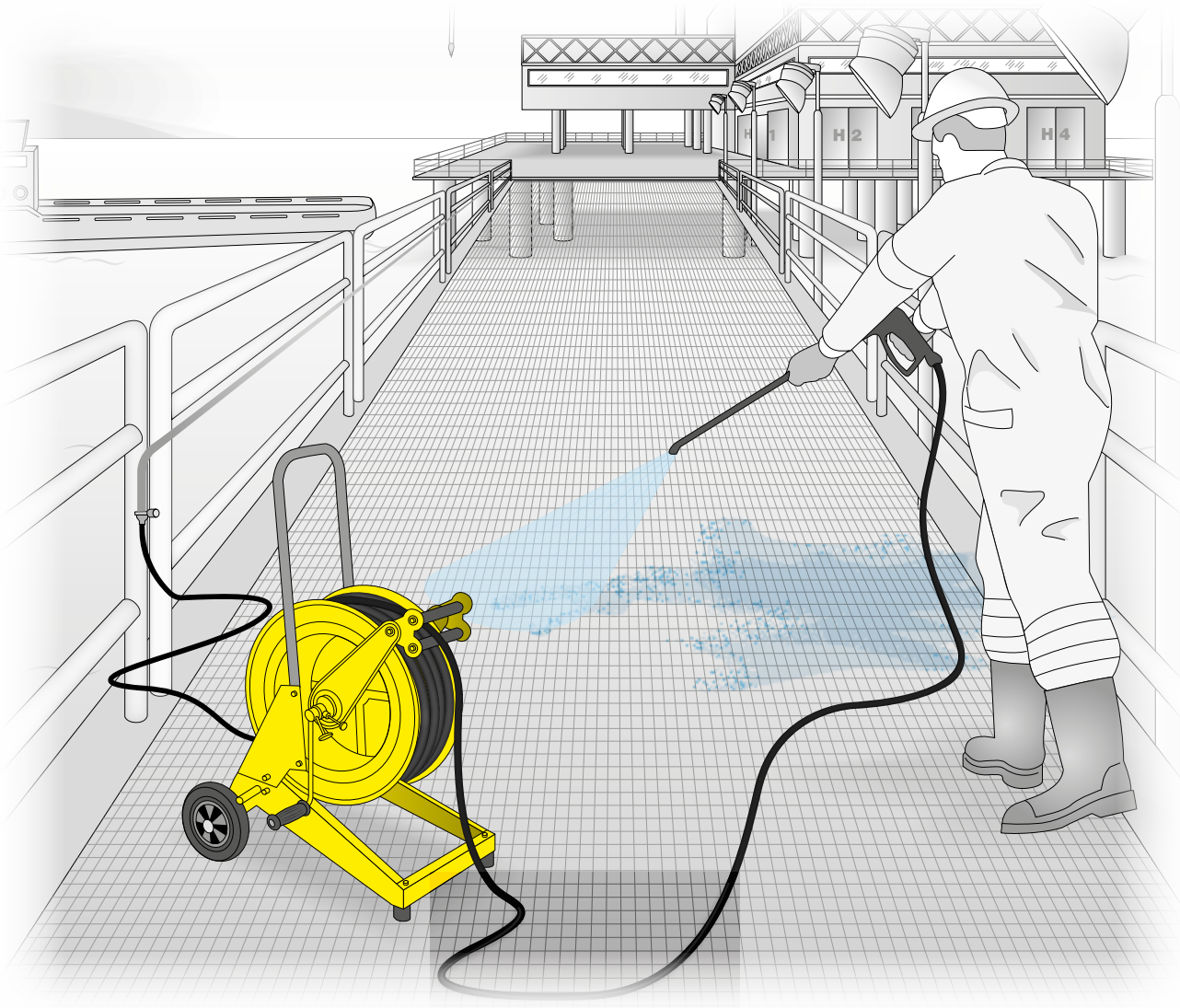


series 540



series 560

P/N AISI 304 s. steel		P/N AISI 316 s. steel		Hose supplied		Connection		Weight	
						inlet		outlet	
AIR-WATER 20 bar									
series 530	246532/10	-	without hose *		G 1/2" (f)		G 1/2" (f)		29,0 kg
* Hose reel capacity		inner hose ø max. length	1/4" 90 m	5/16" 65 m	3/8" 35 m	1/2" 25 m	5/8" 20 m	3/4" 15 m	1" 7 m
series 540	246542/10	-	without hose *		G 1" (f)		G 1" (f)		34,0 kg
	246542/15	-	without hose *		G 1/2" (f)		G 1/2" (f)		33,0 kg
* Hose reel capacity		inner hose ø max. length	1/4" 150 m	5/16" 110 m	3/8" 65 m	1/2" 45 m	5/8" 35 m	3/4" 25 m	1" 15 m
series 560	246562/10	-	without hose *		G 1" (f)		G 1" (f)		40,0 kg
	246562/15	-	without hose *		G 1/2" (f)		G 1/2" (f)		39,0 kg
* Hose reel capacity		inner hose ø max. length	1/4" 320 m	5/16" 240 m	3/8" 140 m	1/2" 100 m	5/8" 90 m	3/4" 60 m	1" 30 m
HOT WATER 100 bar									
series 530	246534/20	256535/20	without hose *		G 1/2" (f)		G 1/2" (f)		29,0 kg
* Hose reel capacity		inner hose ø max. length.	1/4" 90 m	5/16" 65 m	3/8" 35 m	1/2" 25 m	5/8" 20 m	3/4" 15 m	1" 7 m
series 540	246544/20	256545/20	without hose *		G 1" (f)		G 1" (f)		34,0 kg
	246544/25	256545/2/5	without hose *		G 1/2" (f)		G 1/2" (f)		33,0 kg
* Hose reel capacity		inner hose ø max. length	1/4" 150 m	5/16" 110 m	3/8" 65 m	1/2" 45 m	5/8" 35 m	3/4" 25 m	1" 15 m
series 560	246564/20	256565/20	without hose *		G 1" (f)		G 1" (f)		40,0 kg
	246564/25	256565/25	without hose *		G 1/2" (f)		G 1/2" (f)		35,0 kg
* Hose reel capacity		inner hose ø max. length	1/4" 320 m	5/16" 240 m	3/8" 140 m	1/2" 100 m	5/8" 90 m	3/4" 60 m	1" 30 m
HOT WATER 200 bar									
serie 530	246534/30	256535/30	without hose *		G 3/8" (f)		G 1/2" (f)		29,0 kg
* Hose reel capacity		inner hose ø max. length	1/4" 90 m	5/16" 65 m	3/8" 35 m	1/2" 25 m			
series 540	246544/30	256545/30	without hose *		G 3/8" (f)		G 1/2" (f)		33,0 kg
* Hose reel capacity		inner hose ø max. length	1/4" 150 m	5/16" 110 m	3/8" 65 m	1/2" 45 m			
series 560	246564/30	256565/30	without hose *		G 3/8" (f)		G 1/2" (f)		40,0 kg
* Hose reel capacity		inner hose ø max. length	1/4" 320 m	5/16" 240 m	3/8" 140 m	1/2" 100 m			
HOT WATER 400 bar									
series 530	246534/35	256535/35	without hose *		G 3/8" (f)		G 1/2" (f)		29,0 kg
* Hose reel capacity		inner hose ø max. length	1/4" 90 m	5/16" 65 m	3/8" 35 m				
series 540	246544/35	256545/35	without hose *		G 3/8" (f)		G 1/2" (f)		33,0 kg
* Hose reel capacity		inner hose ø max. length	1/4" 150 m	5/16" 110 m	3/8" 65 m				
series 560	246564/35	256565/35	without hose *		G 3/8" (f)		G 1/2" (f)		40,0 kg
* Hose reel capacity		inner hose ø max. length	1/4" 320 m	5/16" 240 m	3/8" 140 m				



MANUAL HOSE REELS SERIES 700

MADE OF **AISI 304** OR **AISI 316** S. STEEL

The manual hose reels are a handy and easy answer to the problem of hose management. Given their simple operation, they are practically maintenance free.

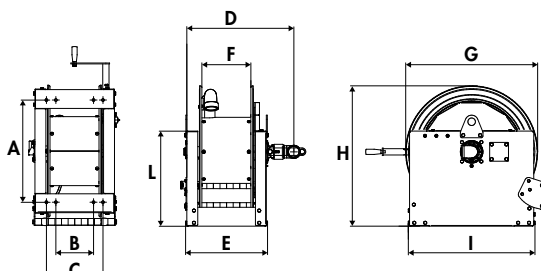


	P/N AISI 304 s. steel	P/N AISI 316 s. steel	Drum external width (mm)	Connection		Weight
				inlet	outlet	
series 700 70 bar	724001/20	725001/20	270	G 2" (f)	G 2" (f)	88,1 kg
	744001/20	745001/20	410	G 2" (f)	G 2" (f)	94,6 kg
	754001/20	755001/20	550	G 2" (f)	G 2" (f)	103,0 kg
	774001/20	775001/20	690	G 2" (f)	G 2" (f)	119,0 kg

Hose reel capacity s. 700	inner hose ø	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
	max. length 270	160 m	110 m	65 m	30 m	20 m	15 m	10 m
	max. length 410	290 m	180 m	120 m	60 m	35 m	30 m	20 m
	max. length 550	420 m	280 m	180 m	100 m	60 m	50 m	30 m
	max. length 690	550 m	350 m	244 m	134 m	84 m	75 m	43 m

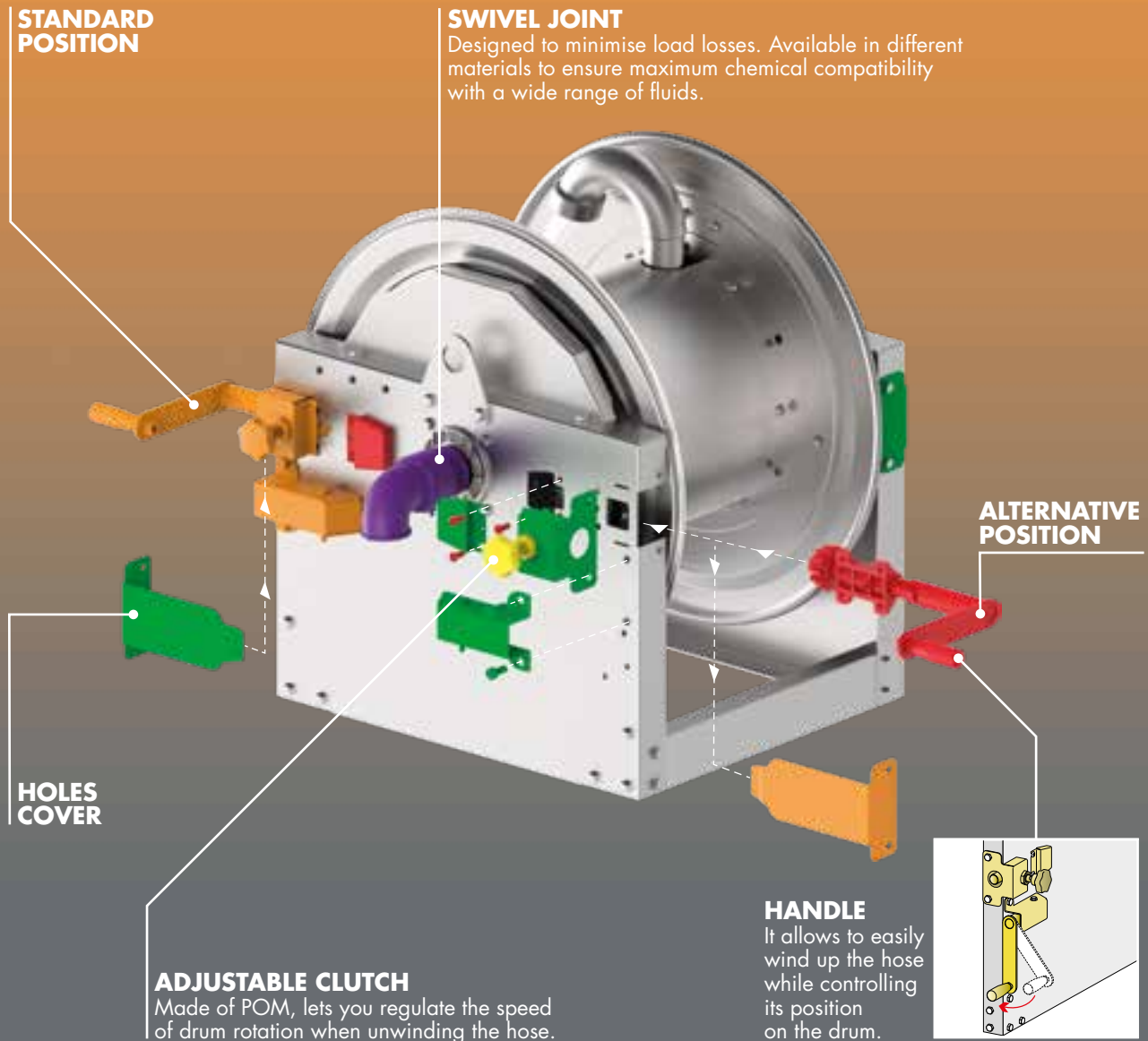
Technical Data	
Type of fluid	Hot water
Pressure	70 bar
Working temperature	≤ 130 °C

Seals	Swivel joint	Central pin
Viton®	AISI 304 - 316 s. steel	AISI 304 - 316 s. steel
		

Overall dimensions (mm)		Drum W	A	B	C	D	E	F	G	H	I	L	Packaging (mm) WxDxH
	270	300	200	542	365	570	260	435	700	760	670		820x770x845
	410	440	340	542	365	712	398	575	700	760	670		875x845x820
	550	580	480	542	365	850	538	717	700	760	670		1030x830x830
	690	720	620	542	365	990	680	855	700	760	670		1170x830x845

(W: width - D: depth - H: height)

Technical Characteristics



HANDLE MOVEMENT WITH CLUTCH

If required by use of the hose reel, the handle and clutch can be moved from the **standard position** to an **alternative position** with a simple operation indicated in the instruction manual.

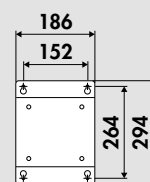


P/N 430/02

P/N 430/02

Fixed support in AISI 304 stainless steel

for fixed hose reels in AISI 304 stainless steel s. 430.

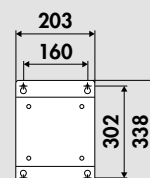


P/N 530/02

P/N 530/02

Fixed support in AISI 304 stainless steel

for fixed hose reels in AISI 304 stainless steel s. 530.

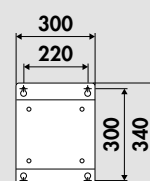


P/N 540/02

P/N 540/02

Fixed support in AISI 304 stainless steel

for fixed hose reels in AISI 304 stainless steel s. 540.

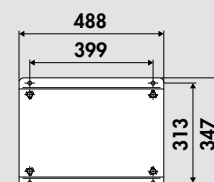


P/N 560/02

P/N 560/02

Fixed support in AISI 304 stainless steel

for fixed hose reels in AISI 304 stainless steel s. 560.



ARMS AND HOSE GUIDE FOR MANUAL HOSE REEL

	AISI 304 stainless steel	AISI 316 stainless steel
s. 430	P/N 0E743401	P/N 0E743501
s. 530	P/N 0E753401	P/N 0E753501
s. 540	P/N 0E754401	P/N 0E754501
s. 560	P/N 0E756401	P/N 0E756501



FOLD-IN HANDLE FOR MANUAL HOSE REEL

	AISI 304 stainless steel	AISI 316 stainless steel
s. 430	P/N 0E743404	P/N 0E743504
s. 530 s. 540 s. 560	P/N 0E753404	P/N 0E753504



P/N 0E74301

Rotation lock in AISI 304 stainless steel - for hose reels in painted steel and AISI 304 stainless steel series 430 - 430 ABS - 530 - 540 - 560.

P/N 0E74302

Rotation lock in AISI 316 stainless steel - for hose reels in painted steel and AISI 316 stainless steel series 430 - 430 ABS - 530 - 540 - 560.



P/N 430/08

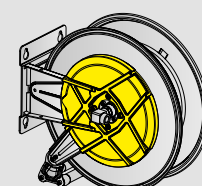
Protective rack side cover in ABS

for hose reel series 430.

P/N 530/08

Protective rack side cover in ABS

for hose reel series 530 - 540 - 560.





High manual operation hose guide

P/N OE79/22775B for width 270 mm

P/N OE79/24175B for width 410 mm

P/N OE79/25575B for width 550 mm

P/N OE79/26975B for width 690 mm

By operating the special handle, the operator moves the hose to the right or left, ensuring correct rewinding.

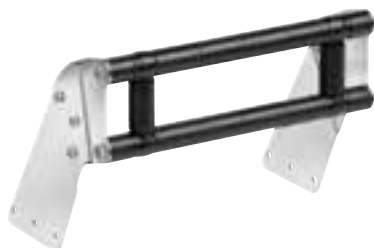
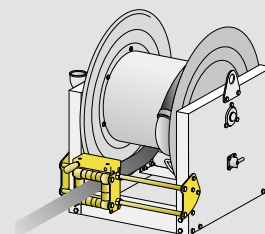
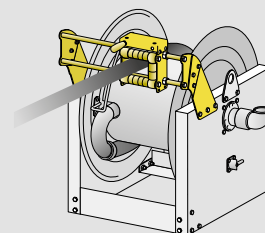
Low manual operation hose guide

P/N OE79/22775 for width 270 mm

P/N OE79/24175 for width 410 mm

P/N OE79/25575 for width 550 mm

P/N OE79/26975 for width 690 mm



Standard closed hose guide, high

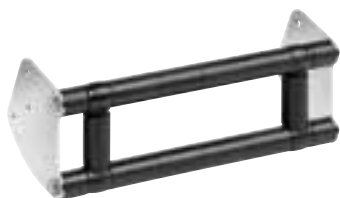
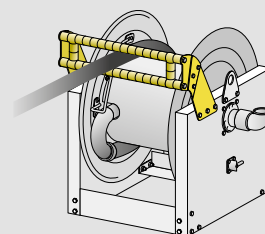
P/N OE79/12775B for width 270 mm

P/N OE79/14175B for width 410 mm

P/N OE79/15575B for width 550 mm

P/N OE79/16975B for width 690 mm

Hose guide with rollers that allow the hose to slide easily during unwinding and rewinding operations.



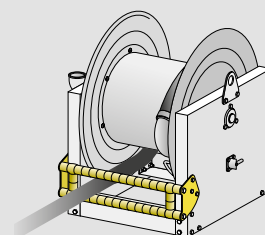
Standard closed hose guide, low

P/N OE79/12775 for width 270 mm

P/N OE79/14175 for width 410 mm

P/N OE79/15575 for width 550 mm

P/N OE79/16975 for width 690 mm



Standard open hose guide, high

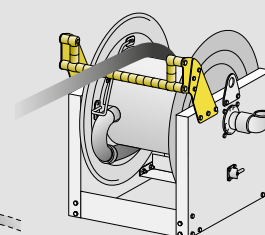
P/N OE79/32775B for width 270 mm

P/N OE79/34175B for width 410 mm

P/N OE79/35575B for width 550 mm

P/N OE79/36975B for width 690 mm

This type of hose guide allows for installation of both versions (high and low) on the same hose reel, thus allowing hose unwinding in two opposing directions.



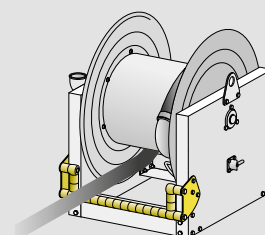
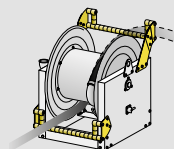
Standard open hose guide, low

P/N OE79/32775 for width 270 mm

P/N OE79/34175 for width 410 mm

P/N OE79/35575 for width 550 mm

P/N OE79/36975 for width 690 mm



P/N OE77/3F

Free fall clutch in AISI 316 stainless steel permits controlled unwinding of the hose and switches to neutral during rewinding phase.

P/N OE77/4F

Free fall clutch in AISI 304 stainless steel permits controlled unwinding of the hose and switches to neutral during rewinding phase.

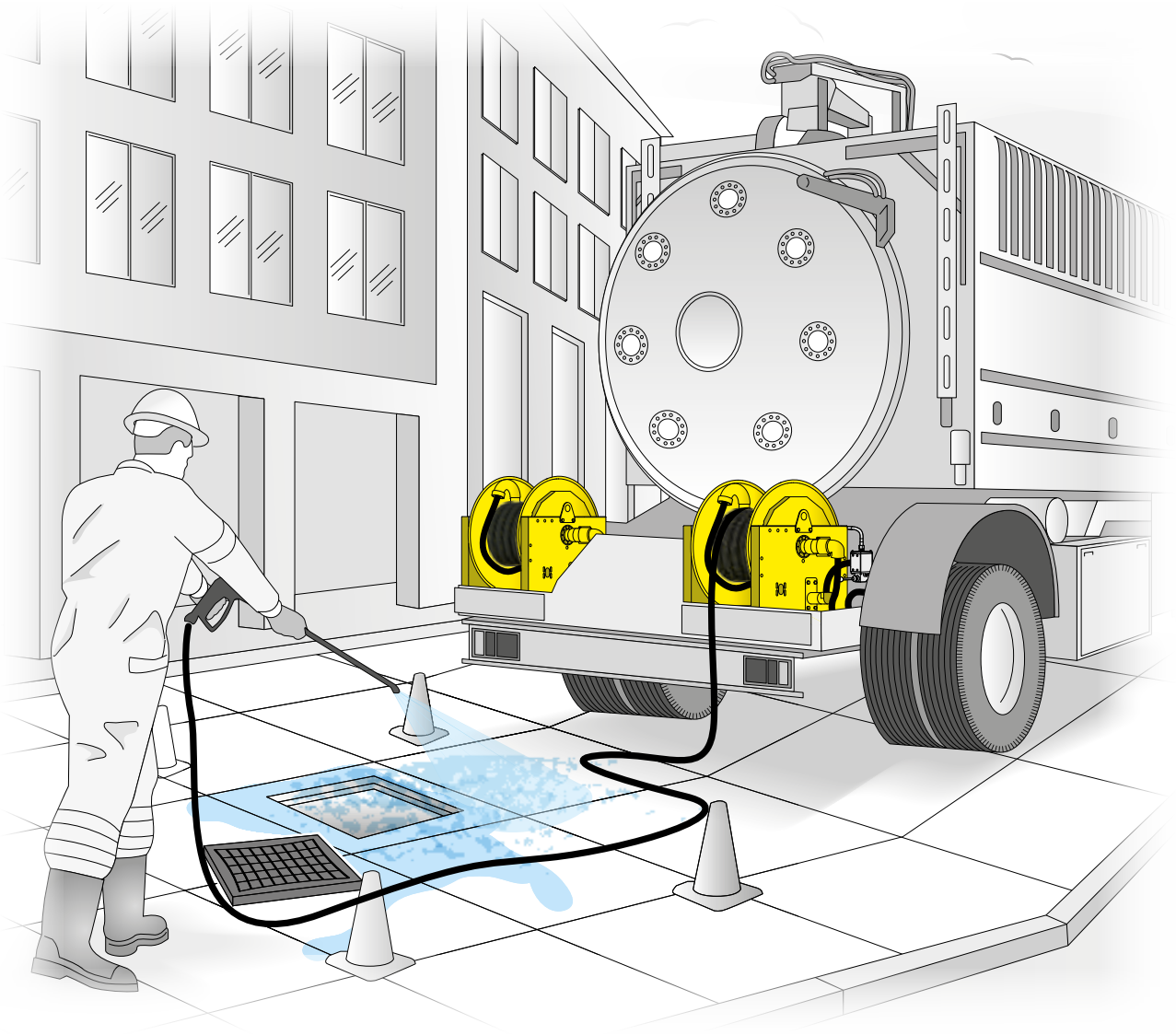
**MOTORIZED
HOSE REELS SERIES 700**

Made of **AISI 304** or
AISI 316 stainless steel

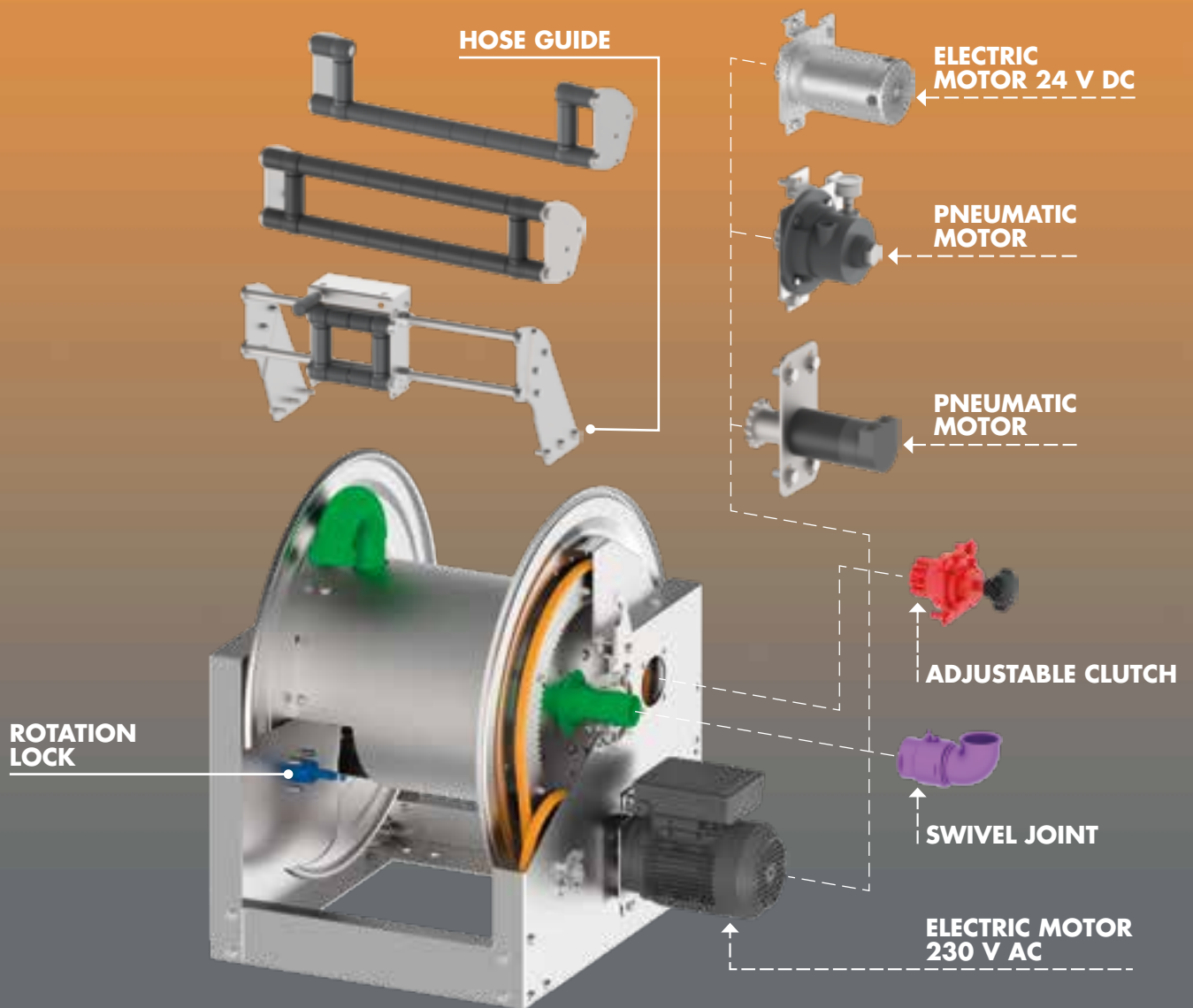


**INDISPENSABLE FOR
THE INDUSTRY**





Technical Characteristics

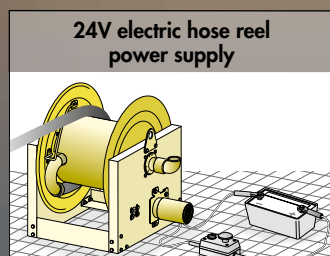


The motors are bidirectional: this allows to rewind and to wind the hose in both directions.

24 V DC MOTORIZED HOSE REELS SERIES 700

MADE OF **AISI 304** OR **AISI 316** S. STEEL

The hose reels with 24V electric motor are a handy and easy answer to the problem of hose management. Hose unwinding occurs manually whereas rewinding is done with the electric motor connected to a battery or an electrical transformer.

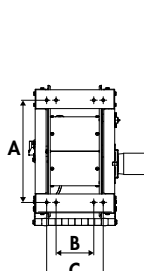
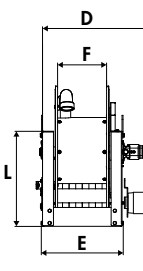
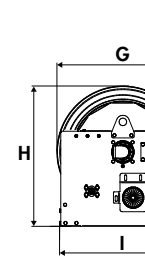


	P/N AISI 304 s. steel	P/N AISI 316 s. steel	Drum external width (mm)	Connection		Weight
				inlet	outlet	
series 700 70 bar	724301/20	725301/20	270	G 2" (f)	G 2" (f)	105,0 kg
	744301/20	745301/20	410	G 2" (f)	G 2" (f)	111,0 kg
	754301/20	755301/20	550	G 2" (f)	G 2" (f)	116,0 kg
	774301/20	775301/20	690	G 2" (f)	G 2" (f)	121,7 kg

Hose reel capacity s. 700	inner hose ø	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
	max. length 270	160 m	110 m	65 m	30 m	20 m	15 m	10 m
	max. length 410	290 m	180 m	120 m	60 m	35 m	30 m	20 m
	max. length 550	420 m	280 m	180 m	100 m	60 m	50 m	30 m
	max. length 690	550 m	350 m	244 m	134 m	84 m	75 m	43 m

Technical Data	
Type of fluid	Hot water
Pressure	70 bar
Working temperature	≤ 130 °C

Seals	Swivel joint	Central pin
Viton®	AISI 304 - 316 s. steel	AISI 304 - 316 s. steel
		

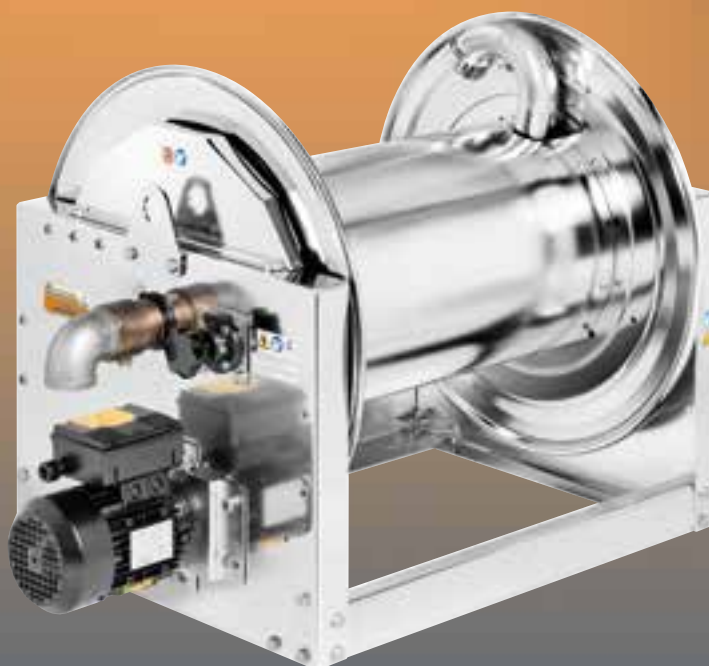
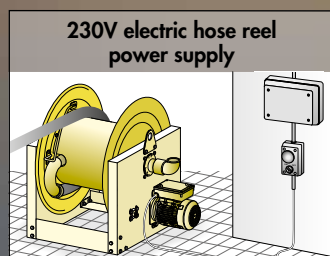
Overall dimensions (mm)	Drum W	A	B	C	D	E	F	G	H	I	L	Packaging (mm) WxDxH
	270	300	200	542	365	570	260	435	700	760	670	820x770x845
	410	440	340	542	365	712	398	575	700	760	670	875x845x820
	550	580	480	542	365	850	538	717	700	760	670	1030x830x830
	690	720	620	542	365	990	680	855	700	760	670	1170x830x845

(W: width - D: depth - H: height)

230 V AC - 50 Hz MOTORIZED HOSE REELS SERIES 700

MADE OF **AISI 304** OR **AISI 316** S. STEEL

The hose reels with 230V electric motor are a handy and easy answer to the problem of hose management. Hose unwinding occurs manually whereas rewinding is done with the electric motor appropriately connected to the 230 V power supply.

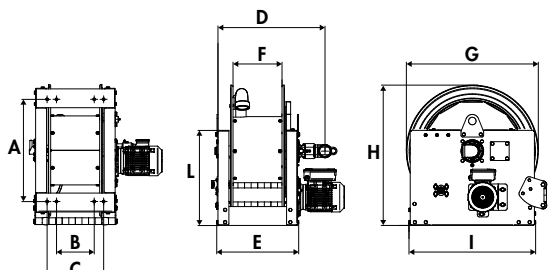


ELECTRIC 230 V AC - 50 Hz						
	P/N AISI 304 s. steel	P/N AISI 316 s. steel	Drum external width (mm)	Connection		Weight
				inlet	outlet	
series 700 70 bar	724601/20	725601/20	270	G 2" (f)	G 2" (f)	110,0 kg
	744601/20	745601/20	410	G 2" (f)	G 2" (f)	116,0 kg
	754601/20	755601/20	550	G 2" (f)	G 2" (f)	120,8 kg
	774601/20	775601/20	690	G 2" (f)	G 2" (f)	126,5 kg
ELECTRIC 230 V AC - 50 Hz with standard clutch						
series 700 70 bar ATEX	724702/20	725702/20	270	G 2" (f)	G 2" (f)	112,8 kg
	744702/20	745702/20	410	G 2" (f)	G 2" (f)	118,8 kg
	754702/20	755702/20	550	G 2" (f)	G 2" (f)	123,6 kg
	774702/20	775702/20	690	G 2" (f)	G 2" (f)	129,3 kg

Hose reel capacity s. 700	inner hose ø	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
	max. length 270	160 m	110 m	65 m	30 m	20 m	15 m	10 m
	max. length 410	290 m	180 m	120 m	60 m	35 m	30 m	20 m
	max. length 550	420 m	280 m	180 m	100 m	60 m	50 m	30 m
	max. length 690	550 m	350 m	244 m	134 m	84 m	75 m	43 m

Technical Data	
Type of fluid	Hot water
Pressure	70 bar
Working temperature	≤ 130 °C

Seals	Swivel joint	Central pin
Viton®	AISI 304 - 316 s. steel	AISI 304 - 316 s. steel
		

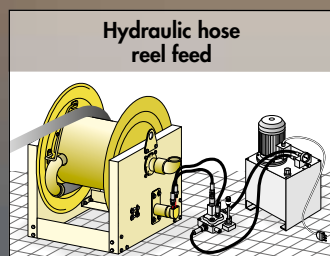
Overall dimensions (mm)												Packaging (mm) WxDxH	
													
	Drum W	A	B	C	D	E	F	G	H	I	L		
	270	300	200	542	365	570	260	435	700	760	670		
	410	440	340	542	365	712	398	575	700	760	670		
	550	580	480	542	365	850	538	717	700	760	670		
	690	720	620	542	365	990	680	855	700	760	670		

(W: width - D: depth - H: height)

HYDRAULIC MOTORIZED HOSE REELS SERIES 700

MADE OF **AISI 304** OR **AISI 316** S. STEEL

The hose reels with hydraulic motor are a handy and easy answer to the problem of hose management. Hose unwinding occurs manually whereas rewinding is done with the hydraulic motor connected to a special control unit, as indicated in the figure below.

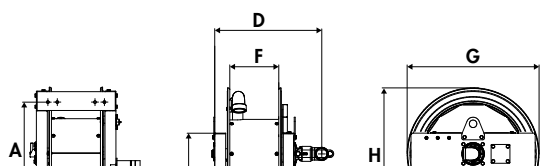


	P/N AISI 304 s. steel	P/N AISI 316 s. steel	Drum external width (mm)	Connection		Weight
				inlet	outlet	
series 700 70 bar	724801/20	725801/20	270	G 2" (f)	G 2" (f)	104,2 kg
	744801/20	745801/20	410	G 2" (f)	G 2" (f)	110,0 kg
	754801/20	755801/20	550	G 2" (f)	G 2" (f)	115,0 kg
	774801/20	775801/20	690	G 2" (f)	G 2" (f)	120,7 kg

Hose reel capacity s. 700	inner hose ø	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
	max. length 270	160 m	110 m	65 m	30 m	20 m	15 m	10 m
	max. length 410	290 m	180 m	120 m	60 m	35 m	30 m	20 m
	max. length 550	420 m	280 m	180 m	100 m	60 m	50 m	30 m
	max. length 690	550 m	350 m	244 m	134 m	84 m	75 m	43 m

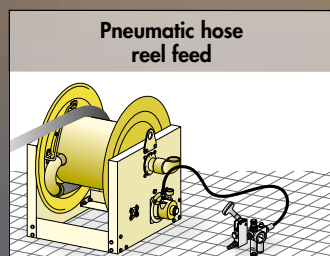
Technical Data	
Type of fluid	Hot water
Pressure	70 bar
Working temperature	≤ 130 °C

Seals	Swivel joint	Central pin
Viton®	AISI 304 - 316 s. steel	AISI 304 - 316 s. steel
		

Overall dimensions (mm)		Drum W	A	B	C	D	E	F	G	H	I	L	Packaging (mm) WxDxH	
	270	300	200	542	365	570	260	435	700	760	670		820x770x845	
	410	440	340	542	365	712	398	575	700	760	670		875x845x820	
	550	580	480	542	365	850	538	717	700	760	670		1030x830x830	
	690	720	620	542	365	990	680	855	700	760	670		1170x830x845	

(W: width - D: depth - H: height)

The hose reels with pneumatic motor are a handy and easy answer to the problem of hose management. Hose unwinding occurs manually whereas rewinding is done with the pneumatic motor connected to the compressed air supply, as indicated in the figure below.



	P/N AISI 304 s. steel	P/N AISI 316 s. steel	Drum external width (mm)	Connection		Weight
				inlet	outlet	
series 700 70 bar ATEX	724901/20	725901/20	270	G 2" (f)	G 2" (f)	104,2 kg
	744901/20	745901/20	410	G 2" (f)	G 2" (f)	110,0 kg
	754901/20	755901/20	550	G 2" (f)	G 2" (f)	115,0 kg
	774901/20	775901/20	690	G 2" (f)	G 2" (f)	120,7 kg

In accordance with directive

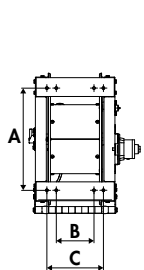
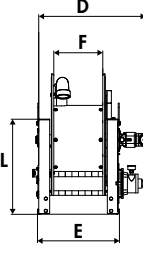
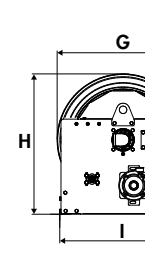


Hose reel capacity
s. 700

inner hose ø	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
max. length 270	160 m	110 m	65 m	30 m	20 m	15 m	10 m
max. length 410	290 m	180 m	120 m	60 m	35 m	30 m	20 m
max. length 550	420 m	280 m	180 m	100 m	60 m	50 m	30 m
max. length 690	550 m	350 m	244 m	134 m	84 m	75 m	43 m

Technical Data	
Type of fluid	Hot water
Pressure	70 bar
Working temperature	≤ 130 °C

Seals	Swivel joint	Central pin
Viton®	AISI 304 - 316 s. steel	AISI 304 - 316 s. steel
		

Overall dimensions (mm)	Drum W	A	B	C	D	E	F	G	H	I	L	Packaging (mm) WxDxH
	270	300	200	542	365	570	260	435	700	760	670	820x770x845
	410	440	340	542	365	712	398	575	700	760	670	875x845x820
	550	580	480	542	365	850	538	717	700	760	670	1030x830x830
	690	720	620	542	365	990	680	855	700	760	670	1170x830x845

(W: width - D: depth - H: height)



High manual operation hose guide

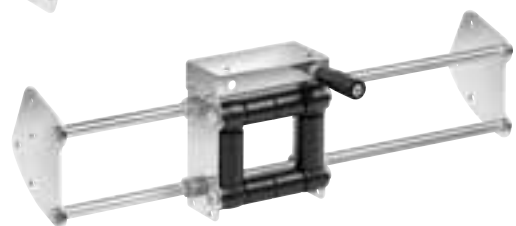
P/N OE79/22775B for width 270 mm

P/N OE79/24175B for width 410 mm

P/N OE79/25575B for width 550 mm

P/N OE79/26975B for width 690 mm

By operating the special handle, the operator moves the hose to the right or left, ensuring correct rewinding.



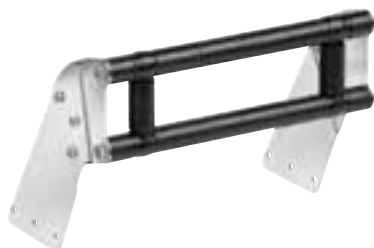
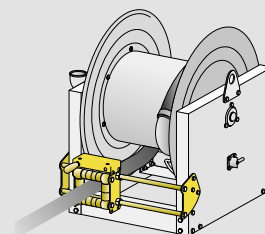
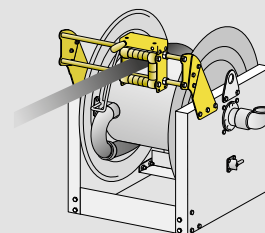
Low manual operation hose guide

P/N OE79/22775 for width 270 mm

P/N OE79/24175 for width 410 mm

P/N OE79/25575 for width 550 mm

P/N OE79/26975 for width 690 mm



Standard closed hose guide, high

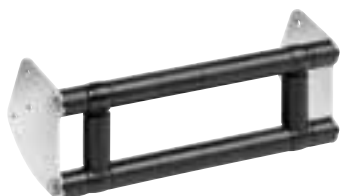
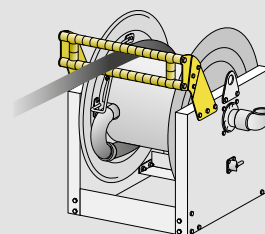
P/N OE79/12775B for width 270 mm

P/N OE79/14175B for width 410 mm

P/N OE79/15575B for width 550 mm

P/N OE79/16975B for width 690 mm

Hose guide with rollers that allow the hose to slide easily during unwinding and rewinding operations.



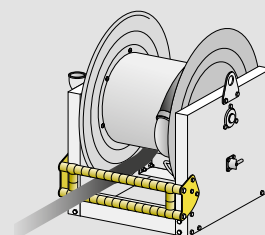
Standard closed hose guide, low

P/N OE79/12775 for width 270 mm

P/N OE79/14175 for width 410 mm

P/N OE79/15575 for width 550 mm

P/N OE79/16975 for width 690 mm



Standard open hose guide, high

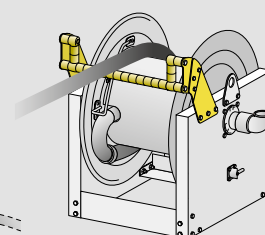
P/N OE79/32775B for width 270 mm

P/N OE79/34175B for width 410 mm

P/N OE79/35575B for width 550 mm

P/N OE79/36975B for width 690 mm

This type of hose guide allows for installation of both versions (high and low) on the same hose reel, thus allowing hose unwinding in two opposing directions.



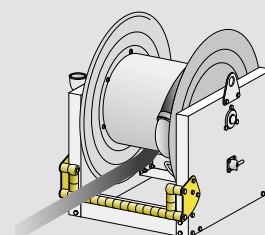
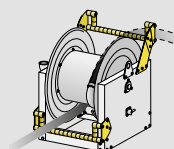
Standard open hose guide, low

P/N OE79/32775 for width 270 mm

P/N OE79/34175 for width 410 mm

P/N OE79/35575 for width 550 mm

P/N OE79/36975 for width 690 mm



P/N OE77/3F

Free fall clutch in AISI 316 stainless steel permits controlled unwinding of the hose and switches to neutral during rewinding phase.

P/N OE77/4F

Free fall clutch in AISI 304 stainless steel permits controlled unwinding of the hose and switches to neutral during rewinding phase.

ADVICES ON HOW TO INSTALL

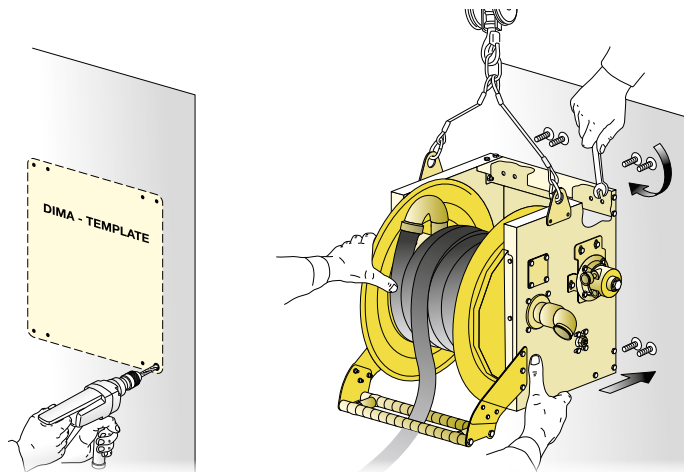
WALL INSTALLATION AND HOSE MOUNTING

Wall mounting

Drill the necessary holes after choosing the ideal position, checking the solidity and thickness of the wall, marking the holes for the plugs (see template supplied with the hose reel) and ensuring that they will not damage any plumbing pipes or electrical cables.

Fix the plugs in the wall and insert the hose reel in the special seats.

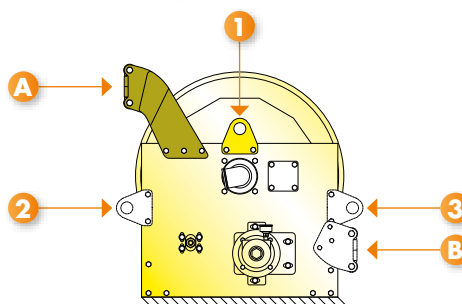
Tighten the 4/8 fixing nuts.



1 Standard position of lifting hooks.

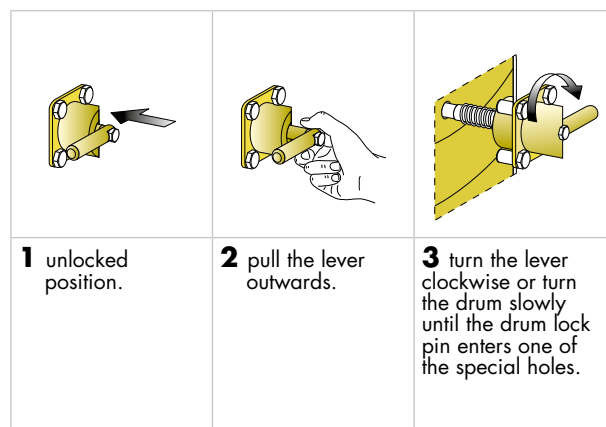
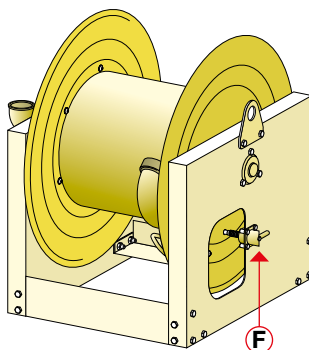
2 - 3 Alternative positions of lifting hooks.

A - B Positions of hose guides.



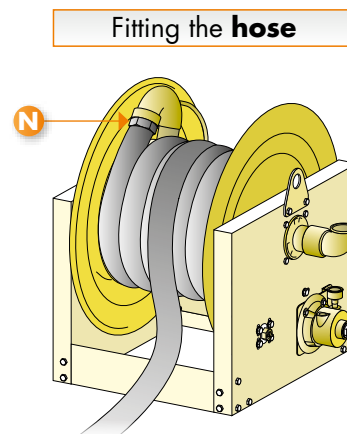
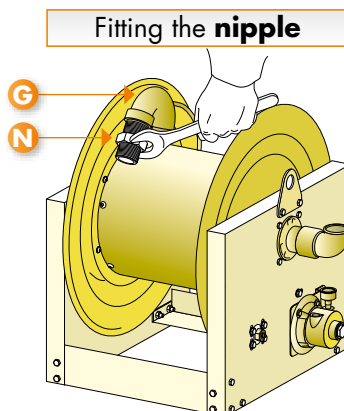
Fitting the hose

Before fitting, make sure the hose reel drum is locked by the special brake **F** (see procedures 1 - 2 - 3).



Screw a nipple **N** on the outlet elbow **G**, with sealant.

Fit the **hose** on the nipple **N**.



1/2" Flow rate 60 l/min

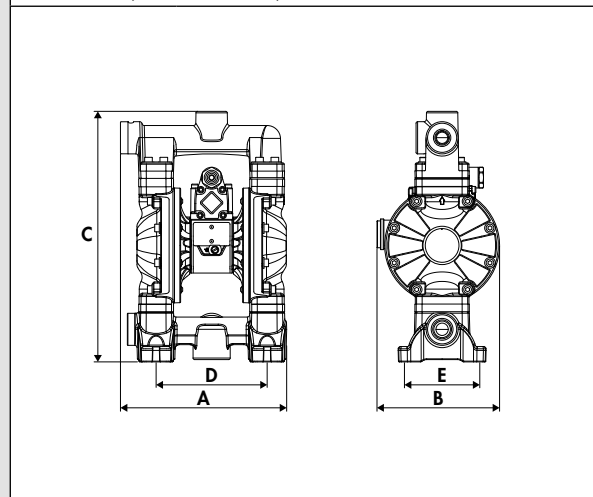
Diaphragm pumps R. 1:1 for transferring fluids, made of molding injected polypropylene with motor made in aluminum; they ensure lasting and reliable operation even in extreme conditions and with aggressive fluids.

Note: The max flow rate shown in the below graphics has been obtained by laboratory test.

In accordance with directive

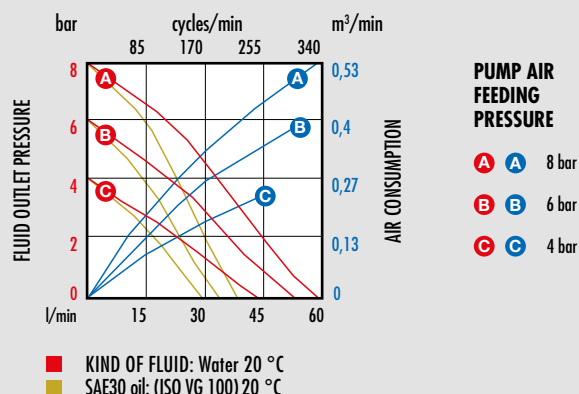


Model			APPB-12 with multi-ported inlet/outlet	APPB-12 dual inlet/multi-ported outlet
Membranes	Balls	Seats	P/N	P/N
EPDM	Acetal	Polypropylene and AISI 316	0E2B3/16117EA5	0E2B8/16117EA5
Hytrel®	Hytrel®	Polypropylene and AISI 316	0E2B3/16117HH5	0E2B8/16117HH5
NBR	Hytrel®	Polypropylene and AISI 316	0E2B3/16117NH5	0E2B8/16117NH5
Santoprene™	Santoprene™	Polypropylene and AISI 316	0E2B3/16117SS5	0E2B8/16117SS5
PTFE+Hytrel®*	PTFE	Polypropylene and AISI 316	0E2B3/16117TT5	0E2B8/16117TT5
Max pressure			8 bar	8 bar
Max suction lift			dry column 4,5 m - wet column 7,5 m	dry column 4,5 m - wet column 7,5 m
Max working temperature**			65 °C	65 °C
Noise level			75 dB	75 dB
Max air consumption			0,50 m³/min	0,50 m³/min
Air working pressure			2 - 6 bar	2 - 6 bar
Air inlet connection			G 3/8" (f)	G 3/8" (f)
Fluid inlet connection			G 3/4" (f) x G 1" (f) for drum	dual inlet G 3/4" (f)
Fluid outlet connection			G 1/2" (f)	G 1/2" (f)
Packing 			No. 1 - 0,02 m³	No. 1 - 0,02 m³
Weight 			5,8 kg	5,7 kg
Dimensions (A - B - C - D - E)			22 x 16 x 32,7 x 14,5 x 10 cm	22 x 16 x 32,7 x 14,5 x 10 cm



* With PTFE membrane flow rate is 10% lower.

** The materials in contact with the fluid, and the fluid as well, can restrict the pump working temperature.



1" Flow rate 170 l/min

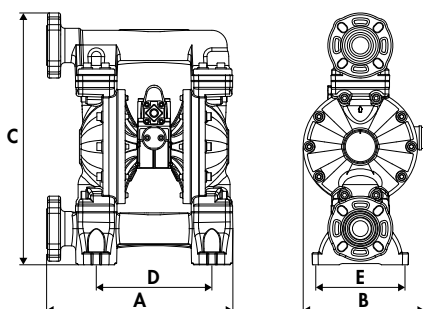
Diaphragm pumps R. 1:1 for transferring fluids, made of molding injected polypropylene with motor made in aluminum. These versions have got 1" flange to connect the pump to the plant. Use the new AISI 304 stainless steel flange available in the "accessories" section of the Catalogue No. E17-PM for the piping connection.

Note: The max flow rate shown in the below graphics has been obtained by laboratory test.

In accordance with directive

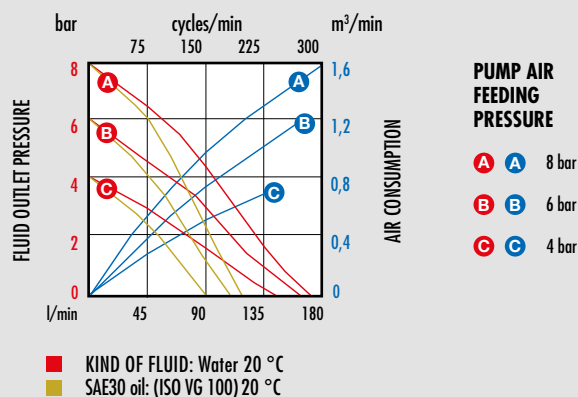


Model			APPB-1	APPB-1 dual inlet
Membranes	Balls	Seats	P/N	P/N
EPDM	Acetal	Polypropylene and AISI 316	OE2B4/26117EAI	OE2B7/26117EAI
Hytrel®	Hytrel®	Polypropylene and AISI 316	OE2B4/26117HHI	OE2B7/26117HHI
NBR	Hytrel®	Polypropylene and AISI 316	OE2B4/26117NHI	OE2B7/26117NHI
Santoprene™	Santoprene™	Polypropylene and AISI 316	OE2B4/26117SSI	OE2B7/26117SSI
PTFE+Hytrel®*	PTFE	Polypropylene and AISI 316	OE2B4/26117TTI	OE2B7/26117TTI
Max pressure			8 bar	8 bar
Max suction lift			dry column 4,5 m - wet column 7,5 m	dry column 4,5 m - wet column 7,5 m
Max working temperature**			65 °C	65 °C
Noise level			75 dB	75 dB
Max air consumption			1,60 m³/min	1,60 m³/min
Air working pressure			2 - 6 bar	2 - 6 bar
Air inlet connection			G 3/8" (f)	G 3/8" (f)
Fluid inlet connection			ANSI 150 - DIN PN 10 - JIS 10K 1" (25 mm) proneness to G 1.1/4" (f) thread	dual inlet ANSI 150 - DIN PN 10 - JIS 10K 1" (25 mm) proneness to G 1.1/4" (f) thread
Fluid outlet connection			ANSI 150 - DIN PN 10 - JIS 10K 1" (25 mm) proneness to G 1.1/4" (f) thread	ANSI 150 - DIN PN 10 - JIS 10K 1" (25 mm) proneness to G 1.1/4" (f) thread
Packing 			No. 1 - 0,03 m³	No. 1 - 0,03 m³
Weight 			7 kg	12,1 kg
Dimensions (A - B - C - D - E)			30,5 x 20 x 42 x 19,1 x 13 cm	35,7 x 20 x 42 x 19,1 x 13 cm



* With PTFE membrane flow rate is 10% lower.

** The materials in contact with the fluid, and the fluid as well, can restrict the pump working temperature.



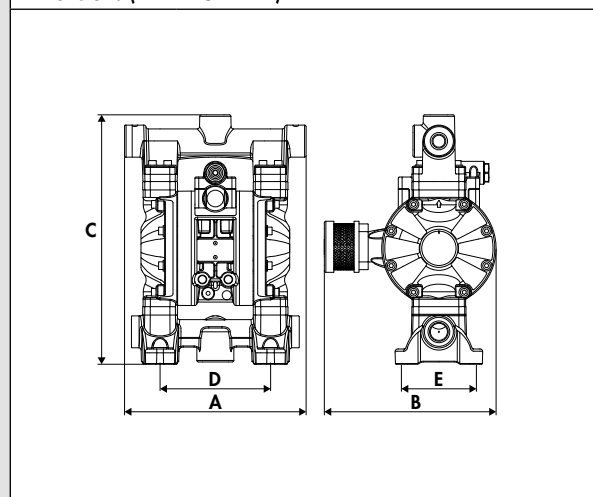
1/2" Flow rate 65 l/min

Diaphragm pumps R. 1:1 for fluids transfer, produced entirely in polypropylene, are recommended for applications with industrial fluids, also corrosive and in working environments with aggressive atmospheres.

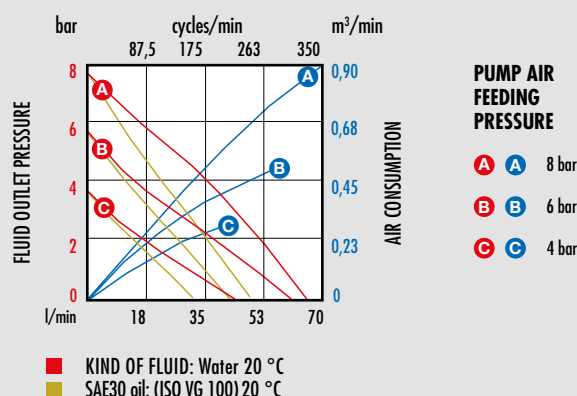
Note: The max flow rate shown in the below graphics has been obtained by laboratory test.



Model			PPB-12 with multi-ported inlet/outlet	PPB-12 dual inlet/multi-ported outlet
Membranes	Balls	Seats	P/N	P/N
EPDM	Acetal	Polypropylene and AISI 316	0E2A3/1677EA5	0E2A8/1677EA5
Hytrel®	Hytrel®	Polypropylene and AISI 316	0E2A3/1677HH5	0E2A8/1677HH5
NBR	Hytrel®	Polypropylene and AISI 316	0E2A3/1677NH5	0E2A8/1677NH5
Santoprene™	Santoprene™	Polypropylene and AISI 316	0E2A3/1677SS5	0E2A8/1677SS5
PTFE+Hytrel®*	PTFE	Polypropylene and AISI 316	0E2A3/1677TT5	0E2A8/1677TT5
Max pressure			8 bar	8 bar
Max suction lift			dry column 4,5 m - wet column 7,5 m	dry column 4,5 m - wet column 7,5 m
Max working temperature**			65 °C	65 °C
Noise level			75 dB	75 dB
Max air consumption			0,50 m³/min	0,50 m³/min
Air working pressure			2 - 6 bar	2 - 6 bar
Air inlet connection			G 3/8" (f)	G 3/8" (f)
Fluid inlet connection			G 3/4" (f) x G 1" (f) for drum	dual inlet G 3/4" (f)
Fluid outlet connection			G 1/2" (f)	G 1/2" (f)
Packing 			No. 1 - 0,02 m³	No. 1 - 0,02 m³
Weight 			5,8 kg	5,7 kg
Dimensions (A - B - C - D - E)			20,8 x 22 x 32,6 x 14,5 x 10 cm	22 x 22 x 32,6 x 14,5 x 10 cm



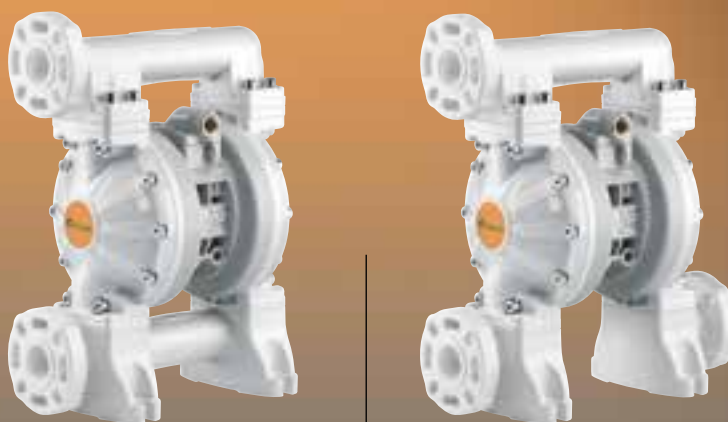
- * With PTFE membrane flow rate is 10% lower.
- ** The materials in contact with the fluid, and the fluid as well, can restrict the pump working temperature.



1" Flow rate 145 l/min

The 1" diaphragm pumps, R. 1:1 for fluid transfer, produced entirely in polypropylene, maintain their performance on applications with industrial fluids, also aggressive and in working environments with corrosive atmospheres, offering a very high flow rate.

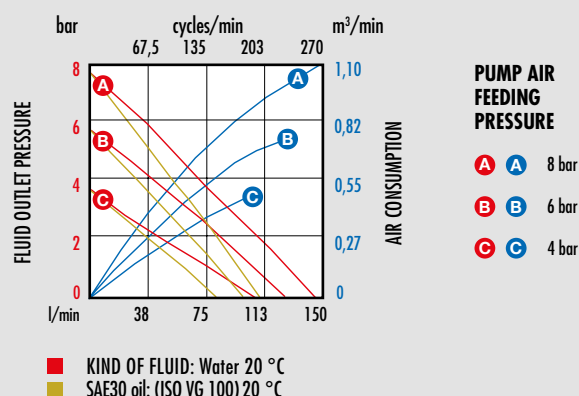
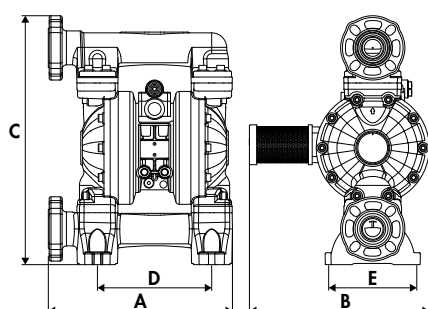
Note: The max flow rate shown in the below graphics has been obtained by laboratory test.



Model			PPB-1	PPB-1 dual inlet
Membranes	Balls	Seats	P/N	P/N
EPDM	Acetal	Polypropylene and AISI 316	0E2A4/2677EAI	0E2A7/2677EAI
Hytrel®	Hytrel®	Polypropylene and AISI 316	0E2A4/2677HHI	0E2A7/2677HHI
NBR	Hytrel®	Polypropylene and AISI 316	0E2A4/2677NHI	0E2A7/2677NHI
Santoprene™	Santoprene™	Polypropylene and AISI 316	0E2A4/2677SSI	0E2A7/2677SSI
PTFE+Hytrel®*	PTFE	Polypropylene and AISI 316	0E2A4/2677TTI	0E2A7/2677TTI
Max pressure			8 bar	8 bar
Max suction lift			dry column 4,5 m - wet column 7,5 m	dry column 4,5 m - wet column 7,5 m
Max working temperature**			65 °C	65 °C
Noise level			78 dB	78 dB
Max air consumption			1,1 m³/min	1,1 m³/min
Air working pressure			2 - 6 bar	2 - 6 bar
Air inlet connection			G 3/8" (f)	G 3/8" (f)
Fluid inlet connection			ANSI 150 - DIN PN 10 - JIS 10K 1" (25 mm) proneness to G 1.1/4" (f) thread	dual inlet ANSI 150 - DIN PN 10 - JIS 10K 1" (25 mm) proneness to G 1.1/4" (f) thread
Fluid outlet connection			ANSI 150 - DIN PN 10 - JIS 10K 1" (25 mm) proneness to G 1.1/4" (f) thread	ANSI 150 - DIN PN 10 - JIS 10K 1" (25 mm) proneness to G 1.1/4" (f) thread
Packing 			No. 1 - 0,03 m³	No. 1 - 0,03 m³
Weight 			9,6 kg	9,6 kg
Dimensions (A - B - C - D - E)			30,5 x 30 x 42 x 19,1 x 13 cm	35,7 x 30 x 42 x 19,1 x 13 cm

* With PTFE membrane flow rate is 10% lower.

** The materials in contact with the fluid, and the fluid as well, can restrict the pump working temperature.



The R 1:1 diaphragm pumps made of AISI 316 stainless steel with aluminum or polypropylene motor ensure reliability and efficiency.

Note: The max flow rate shown in the below graphics has been obtained by laboratory test.

1" Flow rate 150 l/min

In accordance with directive



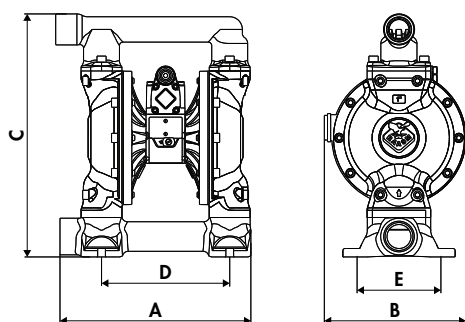
1" Flow rate 130 l/min



Model			AIB-1	PIB-1
Membranes	Balls	Seats	P/N	P/N
PTFE+Hytrel®	PTFE	AISI 316 stainless steel	OE4C1/26415TTI	OE2A1/26775TTI
Max pressure			8 bar	8 bar
Max suction lift			dry column 5 m - wet column 7,5 m	dry column 5 m - wet column 7,5 m
Max working temperature**			100 °C	65 °C
Noise level			75 dB	78 dB
Max air consumption			1,4 m³/min	1,1 m³/min
Air working pressure			3 - 8 bar	3 - 8 bar
Air inlet connection			G 3/8" (f)	G 3/8" (f)
Fluid inlet connection			G 1.1/4" (f)	G 1.1/4" (f)
Fluid outlet connection			G 1" (f)	G 1" (f)
Packing 			N° 1 - 0,03 m³	N° 1 - 0,03 m³
Weight 			25 kg	24 kg
Dimensions (A - B - C - D - E)			27,1 x 20,1 x 34,5 x 18,2 x 13 cm	27,1 x 20,1 x 34,5 x 18,2 x 13 cm

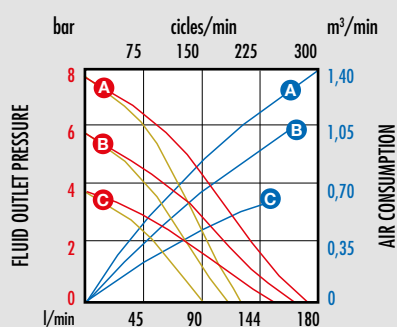
* With PTFE membrane flow rate is 10% lower.

** The materials in contact with the fluid, and the fluid as well, can restrict the pump working temperature.

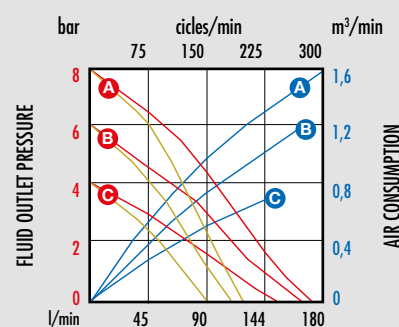


PUMP AIR FEEDING PRESSURE

A A 8 bar B B 6 bar C C 4 bar



■ KIND OF FLUID: Water 20 °C
■ SAE30 oil: (ISO VG 100) 20 °C



■ KIND OF FLUID: Water 20 °C
■ SAE30 oil: (ISO VG 100) 20 °C

ACCESSORIES FOR DIAPHRAGM PUMPS

Request the Catalogue DIAPHRAGM PUMP No. E17-PM.



P/N OE32/89

Increased muffler G 1/2" (m) suitable for 1/2" and 1" pumps with aluminum motor.



P/N OE32/90

Muffler G 3/4" (m) in polypropylene for 1/2" and 1" pumps with plastic motor.



P/N OE32/95

1" stainless steel AISI 304 flange suitable to connect the pump with the plant. Thread G 1" (f). Accessory only for flanged diaphragm pumps.

P/N OE32/96

1" stainless steel AISI 304 flange suitable to connect the pump with the plant. Thread G 1" (f). Accessory only for flanged diaphragm pumps.



P/N OE33434

Bung adaptor for pump with ø 34 mm suction tube.



P/N OE10/15

Bung adaptor for pump with ø 53 mm suction tube.



P/N OE33569

Stainless steel suction tube ø 34 mm

- length 1240 mm
straight connection without joint.

P/N OE33579

Stainless steel suction tube ø 34 mm

- length 940 mm.

P/N OE33580

Stainless steel suction tube ø 34 mm

- length 1240 mm.

P/N OE33596

Stainless steel suction tube ø 34 mm

- length 1460 mm.



P/N OE33577

AISI 304 stainless steel rigid suction tube kit ø 34 mm

- length 940 mm.

P/N OE33578

AISI 304 stainless steel rigid suction tube kit ø 34 mm

- length 1260 mm.

P/N OE33597

AISI 304 stainless steel rigid suction tube kit ø 34 mm

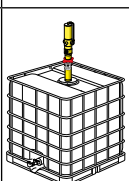
- length 1240 mm.

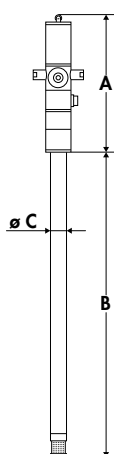
Ratio **1:1** Flow rate **30 l/min**



Stainless steel AISI 304 air-operated pumps for short-medium distance transfer.
Ideal for transferring low-medium viscosity fluids such as antifreeze liquid, windshield washing liquid and chemical products.
Wall models available, as well as for drums from 50 to 220 kg and for tanks.



P/N	OE33300	OE33301	OE33302	OE33303*	OE33360	OE33363	OE33396
Seals	Viton®				Viton®	Viton®	
Length suction tube	960 mm	1260 mm	1460 mm	-	-	1260 mm	940 mm
Air inlet connection	G 1/4" (f)	G 1/4" (f)	G 1/4" (f)	G 1/4" (f)	G 1/4" (f)	G 1/4" (f)	G 1/4" (f)
Fluid outlet connection	G 1/2" (f)	G 1/2" (f)	G 1/2" (f)	G 1/2" (f)	G 1/2" (f)	G 1/2" (f)	G 1/2" (f)
Air working pressure	6 - 8 bar	6 - 8 bar	6 - 8 bar	6 - 8 bar	6 - 8 bar	6 - 8 bar	6 - 8 bar
Bung adaptor	standard	standard	standard	-	-	standard	standard
Suitable for drums or tanks	 wall mounted - modular				 wall mounted - modular	 for tanks	 suitable for drums 180-220 kg
Packing 	N° 1-0,03 m³	N° 1-0,04 m³	N° 1-0,05 m³	N° 1-0,03 m³	N° 1 - 0,01 m³	N° 1 - 0,02 m³	
Weight 	11,4 kg			9,0 kg	5,3 kg	7,3 kg	
Dimensions (A - B - ø C)	41 - 94 - ø 3,4 cm			41 (A) cm	41 (A) cm	41 - 94 - ø 3,4 cm	



* Equipped with flexible suction hose connected to the foot valve. Pressure regulator included.

Accessories

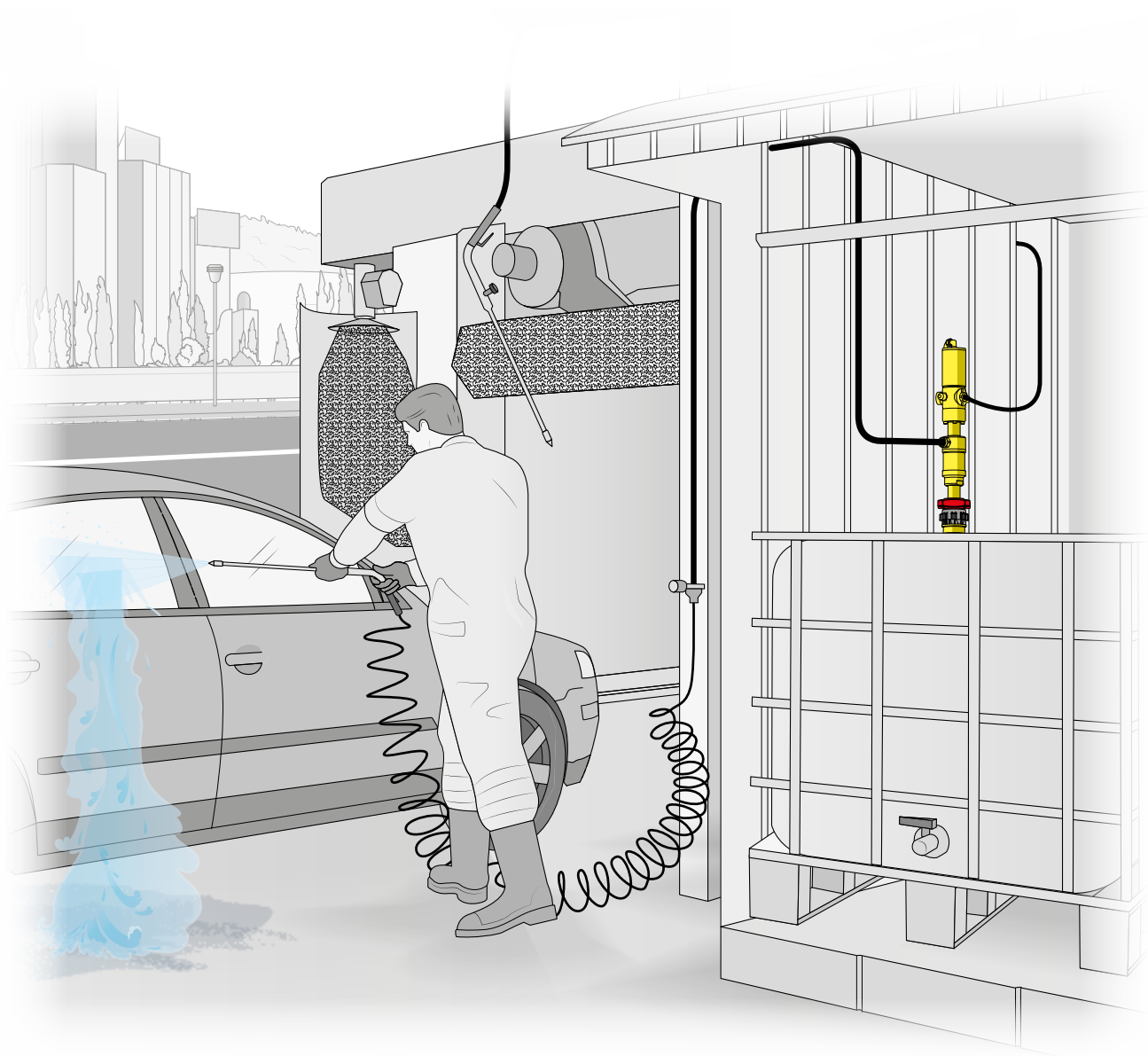
P/N OE33446

Antifreeze and windshield liquid gun.

Equipped with:

- inlet joint G 1/2" (f);
- digital meter P/N 37785;
- stainless steel rigid terminal with free outlet.

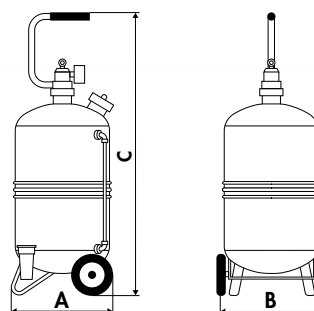




Devices for **spraying** low viscosity detergent liquids as, disinfectants and similar. Filled to 3/4 their capacity with the required liquid and pressurised with air at 6 - 8 bar, they work independently without requiring continuous connection to the compressed air line.



P/N	OE23024	OE23025	OE23026	OE23030
Surface treatment	painted	polished	polished	polished
Tank capacity	24 l	24 l	24 l	24 l
Max working pressure	8 bar	8 bar	8 bar	8 bar
Spray gun	P/N OE24806	P/N OE24806	P/N OE24810	P/N OE24810
Delivery hose	5 m	5 m	5 m	10 m
Dispenser length	0,65 m	0,65 m	0,6 m	0,6 m
Antisplash funnel	P/N OE24891	P/N OE24891	P/N OE24891	P/N OE24891
Packing 	No. 1 - 0,090 m ³	No. 1 - 0,090 m ³	No. 1 - 0,090 m ³	No. 1 - 0,090 m ³
Weight 	12,8 kg	12,8 kg	12,8 kg	12,8 kg
Dimensions (A - B - C)	28 - 33 - 92 cm	28 - 33 - 92 cm	28 - 33 - 92 cm	28 - 33 - 92 cm



Accessories

P/N OE24810

Dispensing spray gun

in AISI 304 stainless steel with Viton® seals, 25 bar - 30 l/min - 1/2" (f). AISI 304 stainless steel spray nozzle included. Spray angle 110° - ø 1,1 mm.

KR2215

Set of 13 nozzles made of "POM" for dispensing spray gun P/N 24810 having the following features:

Spray angle	80°	110°
flow path	-	ø 0,6 mm
	ø 0,9 mm	ø 0,9 mm
	ø 1,1 mm	ø 1,1 mm
	ø 1,3 mm	ø 1,3 mm
	ø 1,4 mm	ø 1,4 mm
	ø 1,6 mm	ø 1,6 mm
	ø 1,8 mm	ø 1,8 mm

P/N OE24806

Dispensing spray gun.

Grip made of nickel plated brass and dispensing tube made of AISI 304 s. steel with EPDM seals. Brass spray nozzle supplied as standard. Spray angle 70° - ø 1,0 mm.

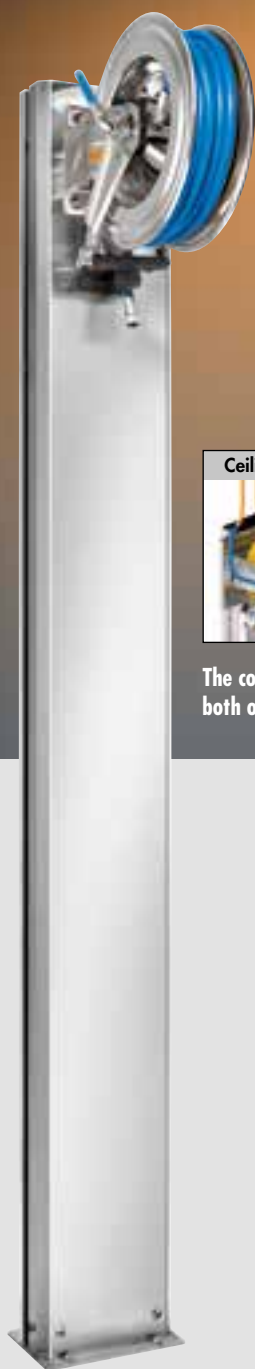
P/N OE24807 Dispensing spray gun.

Grip made of nickel plated brass and dispensing tube made of AISI 304 s. steel with NBR seals. Brass spray nozzle supplied as standard. Spray angle 70° - ø 1,0 mm.

P/N OE24802

Nozzle in AISI 316 stainless steel with filter.

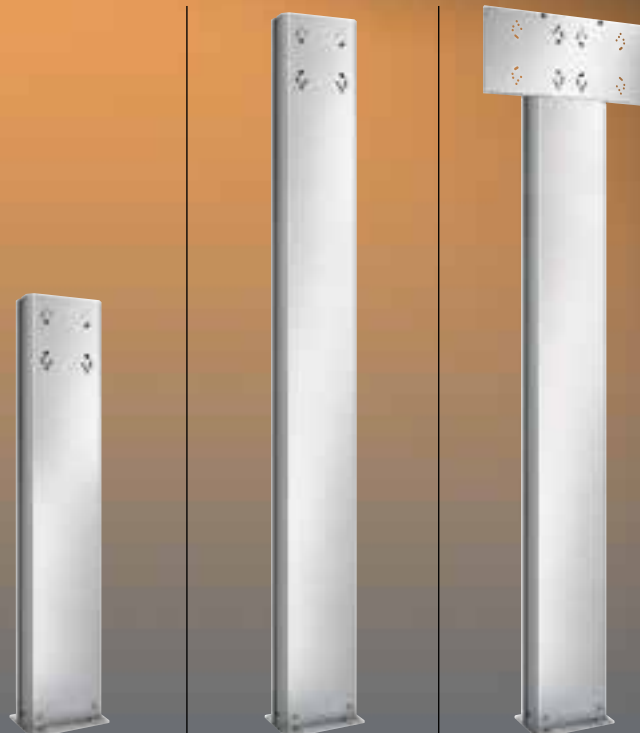


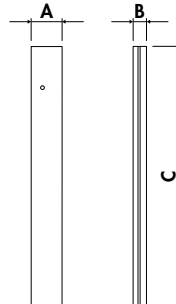
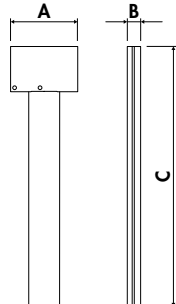


Service columns are the ideal tool to use in working environments with no or little free spaces on the wall or no-supporting vertical surfaces. Installable on walls or like a delivery point, they are connected to the centralized distribution system to work as independent operational stations.



The connection to the system can be made both on the ceiling and on the floor.



P/N	OE39432	OE39421	OE39422
Applicable hose reels	1 hose reel	1 hose reel	2 hose reels
Material	AISI 316 s. steel	AISI 304 s. steel	AISI 304 s. steel
Packing 	No. 1 - 0,10 m ³	No. 1 - 0,14 m ³	No. 1 - 0,265 m ³
Weight 	27,2 kg	37 kg	48,5 kg
Dimensions (A - B - C)	29 - 12,5 - 150 cm	29 - 12,5 - 245 cm	62 - 13 - 245 cm
			

Accessories

P/N OE37900
Water gun entirely in technopolymer
12 bar - 50 l/min - G 1/2" (f).



P/N OE37901
Water gun entirely in technopolymer with AISI 316 s. steel flow path
24 bar - 60 l/min - G 1/2" (f).



P/N 430/06
for SERIES 430
Swivelling support in AISI 304 stainless steel.
It allows to rotate left and right for 55°.

P/N 530/06
for SERIES 530
Swivelling support in AISI 304 stainless steel.
It allows to rotate left and right for 55°.



SERIES 300



P/N OE70535

P/N	OE70535
Hose reel	P/N 43208/14
Hose	polyurethane - atoxic hygienic
Hose dimensions	20 m - ø 8x12 mm
Drum	AISI 304 s. steel
Bracket and arms	AISI 304 s. steel
Dispenser	spray gun made of AISI 304 s. steel P/N OE24810
Nipple	G 3/8" (f) x G 1/2" (f)

SERIES 430

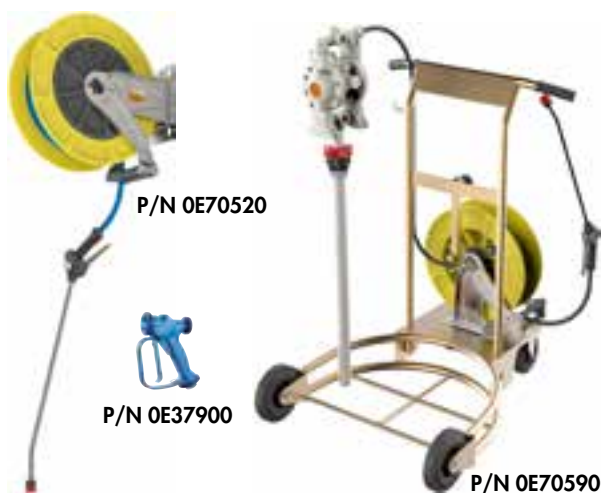


P/N OE70500

P/N OE37900

P/N	OE70500	OE70505
Hose reel	P/N 434/12	P/N 434/12
Hose	atoxic hygienic	atoxic hygienic
Hose dimensions	15 m - ø 1/2"	15 m - ø 1/2"
Drum	AISI 304 s. steel	AISI 304 s. steel
Bracket and arms	AISI 304 s. steel	AISI 304 s. steel
Dispenser	spray gun made of AISI 304 s. steel P/N OE24810	spray gun entirely made of technopolymer P/N OE37900

SERIES 430 ABS



P/N OE70520

P/N OE37900

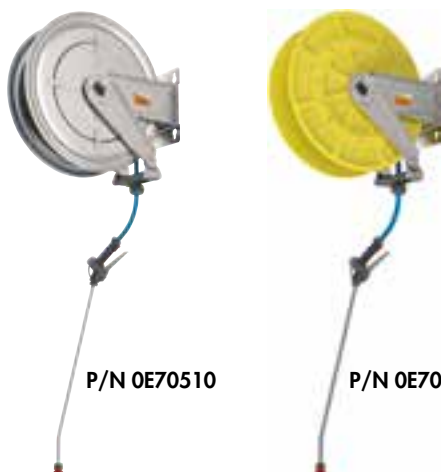
P/N OE70590

P/N	OE70520	OE70525	OE70590
Hose reel	P/N 4434/12	P/N 4434/12	P/N 4434/12
Hose	atoxic hygienic	atoxic hygienic	atoxic hygienic
Hose dimensions	15 m - ø 1/2"	15 m - ø 1/2"	15 m - ø 1/2"
Drum	ABS	ABS	ABS
Bracket and arms	AISI 304 s. steel	AISI 304 s. steel	AISI 304 s. steel
Dispenser	spray gun made of AISI 304 s. steel P/N OE24810	spray gun entirely made of technopolymer P/N OE37900	spray gun made of AISI 304 s. steel P/N OE24810
Diaphragm pump	-	-	P/N OE33514
Trolley	-	-	P/N OE80210



Wheels made of hygienic rubber available on request.

> SERIES 530



P/N	OE70510	OE70530
Hose reel	P/N 534/12	P/N 4534/12
Hose	atoxic hygienic	atoxic hygienic
Hose dimensions	25 m - ø 1/2"	25 m - ø 1/2"
Drum	AISI 304 s. steel	ABS
Bracket and arms	AISI 304 s. steel	AISI 304 s. steel
Dispenser	spray gun made of AISI 304 s. steel P/N OE24810	spray gun made of AISI 304 s. steel P/N OE24810

> SERIES 430



KIT WITH MANUAL HOSE REELS

P/N	OE70540
Hose reel	P/N 74325/10
Hose	atoxic hygienic
Hose dimensions	15 m - ø 1/2"
Drum	ABS
Bracket and arms	AISI 304 s. steel
Dispenser	spray gun made of AISI 304 s. steel P/N OE24810
Nipple	G 1/2" (m) x G 1/2" (m)

> SERIES 530



P/N	OE70550
Hose reel	P/N 246532/10
Hose	atoxic hygienic
Hose dimensions	25 m - ø 1/2"
Drum	AISI 304 s. steel
Bracket and arms	AISI 304 s. steel
Dispenser	spray gun made of AISI 304 s. steel P/N OE24810
Nipple	G 1/2" (m) x G 1/2" (m)



Wheels made of hygienic rubber available on request.



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Company with an ISO
9001:2015 certified
quality management system



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