

R3 SERIES 2018



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MADE

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Innovation. The only way to stay ahead.

The new R3 family of polypropylene hose reels from Retracta brings robust durability into a new era.

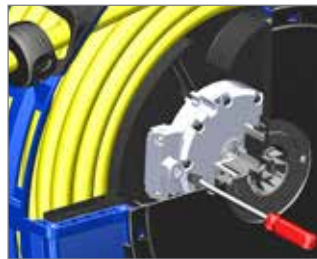
2 years in development, the new R3 range stays true to the Retracta name offering high quality, superior performance and even better value for money.

Offered in 3 appointment levels the R3 is engineered to maintain the superior reliability and longevity of it's predecessors. The R3 family offers enhanced usability through the innovative use of materials and design.



At the heart of this innovation is the patented **RACR**[®] 'Retracta Adjustable Control Return' system supplied on all **R3-P+**

models. This world first control return system offers not only the safety of slowing the return speed of the hose when free to return, but goes beyond the simple one size fits all 'slow return' approach of noisy, fast wearing braking systems. Instead, the **RACR**[®] system offers true control by allowing the user to set the speed of return to suit their individual requirements.



And, because Retracta is all about reliability and longevity, the **RACR**[®] System is fully serviceable and carries the same 10 year warranty and parts guarantee found with the entire R3 family.

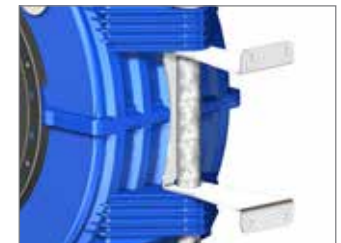
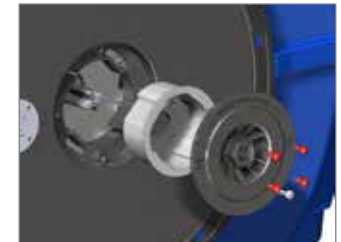
Retracta **R3**

Carrying on the tradition of Retracta's premium offer, both the **R3-P+ and R3-P** retain multiple case colour options, premium grade hoses and a wide range of hose size and length options. The newly introduced **R3-S** range of standard reels offer unparalleled performance and value for money. Without compromising innovation or quality, the **R3-S** range offers limited Air/Water options together with basic workshop models.

In addition to the new contemporary design, the innovation continues throughout the reel with a newly developed reel mouth made from extremely high wear resistant **ProGlide**[™] material as well as the introduction of a German made main spring. The new spring is the result of exhaustive testing, and through Texture Rolled Carbon (**TRC**[®]) technology, it offers superior power, longevity and capacity over the previous unit.

As serviceability is a cornerstone of the Retracta legend, the new R3 family has maintained the simple side cover bayonet design, however the tensioning system has been completely redeveloped to provide safer, more accurate re-tensioning.

The simple mounting bracket design has been retained but with a broader footprint which offers a sturdier platform for the enhanced R3 reel.



In addition to the new R3's inherent durability, the development of innovative functionality has been the key to producing a premium product suitable for the most diverse of applications.

To enhance a product recognised as "best in class" takes dedication and attention to detail. The new R3 offers those enhancements and provides the user with simplicity of use and confidence in performance.

Integrated handle

New high-wear resistant mouth design

Increased internal capacity

Upgraded Main Spring (internal)

RACR[®] on all R3-P+ models



Wider mounting bracket

Overrun protection on spring

Safe tensioning mechanism

Fully serviceable



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SERVICE/PARTS AVAILABLE

- **RACR[®]**
Retracta Adjustable Control Return system available on **R3-P+** allows user speed control of returning hose.
- **Integrated Handle**
Sleeker profile but retains functionality.
- **High wear resistant mouth: ProGlide™**
Reduces friction between hose and reel mouth lessening wear and reducing fatigue.

- **Increased internal capacity**
Reduces hose build-up and allows for longer hose lengths.
- **Upgraded Main Spring TRC[®]**
Higher capacity allowing more turns. Increased service life. Precise German engineering (Texture Rolled Carbon[®]).

- **Safe tensioning mechanism**
Uni-directional ratchet to stop main spring release while tensioning. No special tools required.
- **Wider mounting bracket**
Sturdier, more stable support for reel. Simple mounting design.

- **Overrun protection on spring**
Prevents spring damage on drum overrun.
- **Fully serviceable**
Repair kits available. No special tools required. 10 year guarantee on parts.

Space is always at a premium so the R3 combines the range diversity required within a compact case.

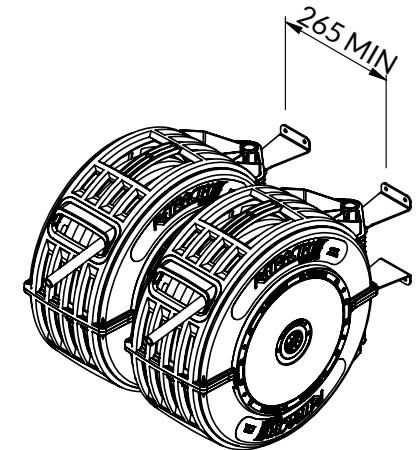
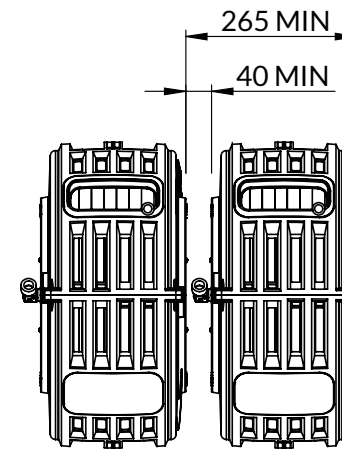
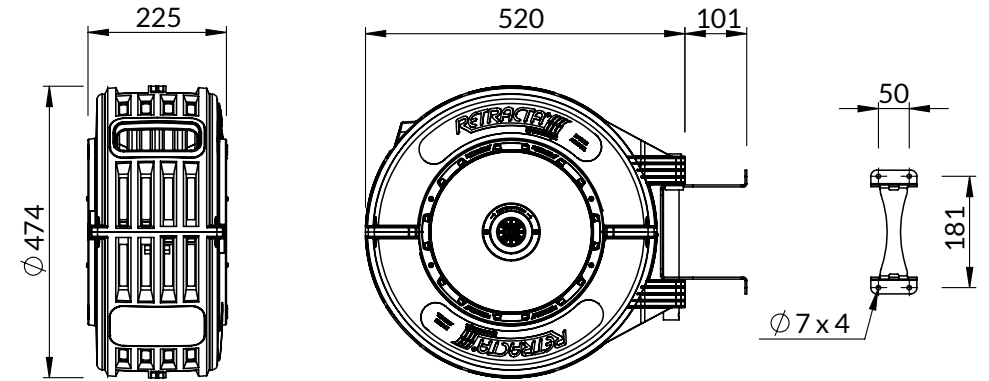
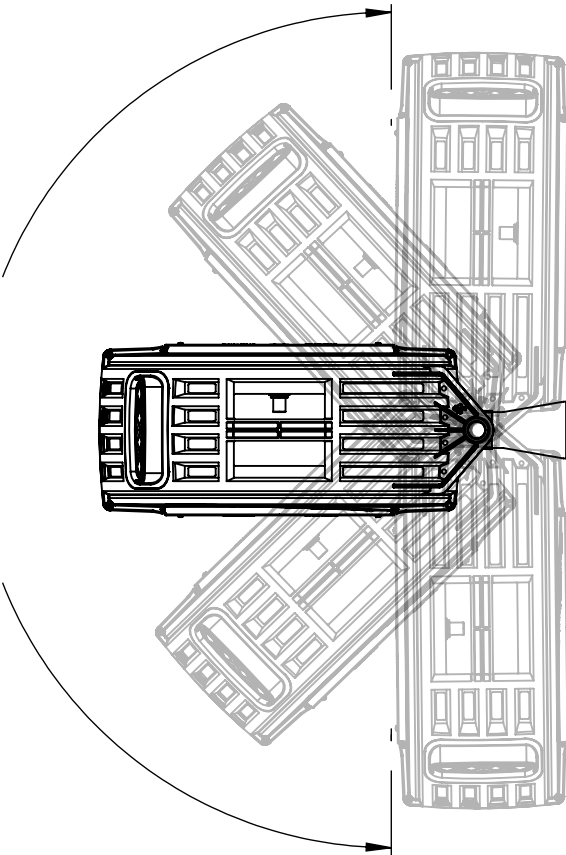
Designed to be mounted in any orientation, and in almost any environment, the R3 is primarily constructed from corrosion proof, fully UV stabilised Polypropylene.

Additionally, all metallic parts are galvanised, zinc passivated or stainless steel to withstand the rigours of all but the most extreme climates.

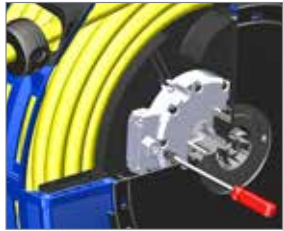
The mounting system and case construction allow for mounting on mobile equipment both on and off highway.



180° FREEDOM OF ROTATION



Retracta **R3-P** and **R3-P+** Selection Guide



The patented **RACR**® 'Retracta Adjustable Control Return' system is supplied on all **R3-P+** models. This world first adjustable control return system offers not only the safety of slowing the return speed of the hose when free to return, but goes beyond the simple one size fits all 'slow return' approach of noisy, fast wearing braking systems.



Importantly, the **RACR**® system offers true control by allowing the user to set the speed of return to suit their individual requirements.



Category	R3-P	R3-P+	Application	Hose Id	Hose Length	WP (psi)	Hose Colour	Hose Material	Max Temp (°C)	Reel inlet	Hose outlet	Case Colour						
												Red	Blue	Dark Grey	Black	Green	Beige	
COMPRESSED AIR	AR320B-01	ARC320B-01	Compressed Air	3/8"	20m	250 psi.	Yellow	Rubberised reinforced PVC	60°C	3/8"	3/8"		x					
	AR320D-01	ARC320D-01	Compressed Air	3/8"	20m	250 psi.	Yellow	Rubberised reinforced PVC	60°C	3/8"	3/8"			x				
	AR320R-01	ARC320R-01	Compressed Air	3/8"	20m	250 psi.	Yellow	Rubberised reinforced PVC	60°C	3/8"	3/8"	x						
	AR415B-01	ARC415B-01	Compressed Air	1/2"	15m	250 psi.	Yellow	Rubberised reinforced PVC	60°C	3/8"	3/8"		x					
	AR415D-01	ARC415D-01	Compressed Air	1/2"	15m	250 psi.	Yellow	Rubberised reinforced PVC	60°C	3/8"	3/8"			x				
	AR415R-01	ARC415R-01	Compressed Air	1/2"	15m	250 psi.	Yellow	Rubberised reinforced PVC	60°C	3/8"	3/8"	x						
	AR420B-01	ARC420B-01	Compressed Air	1/2"	20m	250 psi.	Yellow	Rubberised reinforced PVC	60°C	3/8"	3/8"		x					
	AR420D-01	ARC420D-01	Compressed Air	1/2"	20m	250 psi.	Yellow	Rubberised reinforced PVC	60°C	3/8"	3/8"			x				
	AR420R-01	ARC420R-01	Compressed Air	1/2"	20m	250 psi.	Yellow	Rubberised reinforced PVC	60°C	3/8"	3/8"	x						

Category	R3-P	R3-P+	Application	Hose Id	Hose Length	WP (psi)	Hose Colour	Hose Material	Max Temp (°C)	Reel inlet	Hose outlet	Case Colour						
												Red	Blue	Dark Grey	Black	Green	Beige	
WATER	CW415B-01	CWC415B-01	Water	1/2"	15m	150 psi.	White	PVC	60°C	1/2"	1/2"		x					
	CW420B-01	CWC420B-01	Water	1/2"	20m	150 psi.	White	PVC	60°C	1/2"	1/2"		x					
	HP220R-01	HPC220R-01	High Pressure Water	1/4"	20m	3000 psi.	Black	Reinforced rubber (SAE100R2AT)	90°C	1/4"	1/4"	x						
	DR418G-03	DRC418G-03	Water	1/2"	18m	100 psi.	Green	PVC	60°C	Ind Garden	Ind Garden						x	
	DRC418P-03	DRC418P-03	Water	1/2"	18m	100 psi.	Green	PVC	60°C	Ind Garden	Ind Garden							x
	HW415R-01	HWC415R-01	Hot Water	1/2"	15m	150 psi.	Red	HT chem resistant PVC	85°C	1/2"	1/2"	x						
	HW420R-01	HWC420R-01	Hot Water	1/2"	20m	150 psi.	Red	HT chem resistant PVC	85°C	1/2"	1/2"	x						
	CL320D-01	CLC320D-01	Coolant	3/8"	20m	250 psi.	Blue	Reinforced PVC	65°C	3/8"	1/4"				x			

Category	R3-P	R3-P+	Application	Hose Id	Hose Length	WP (psi)	Hose Colour	Hose Material	Max Temp (°C)	Reel inlet	Hose outlet	Case Colour						
												Red	Blue	Dark Grey	Black	Green	Beige	
OIL AND GREASE	GR215D-01	GRC215D-01	Grease	1/4"	15m	5000 psi.	Black	Reinforced rubber (SAE100R2)	60°C	1/4"	1/4"				x			
	GR215K-01	GRC215K-01	Grease	1/4"	15m	5000 psi.	Black	Reinforced rubber (SAE100R2)	60°C	1/4"	1/4"					x		
	OMP415B-01	OMPC415B-01	Oil	1/2"	15m	800 psi.	Black	Reinforced rubber (SAE100R6)	60°C	1/2"	1/2"		x					
	OMP415D-01	OMPC415D-01	Oil	1/2"	15m	800 psi.	Black	Reinforced rubber (SAE100R6)	60°C	1/2"	1/2"				x			

Category	R3-P	R3-P+	Application	Hose Id	Hose Length	WP (psi)	Hose Colour	Hose Material	Max Temp (°C)	Reel inlet	Hose outlet	Case Colour						
												Red	Blue	Dark Grey	Black	Green	Beige	
WELDING GAS	OAC215B-04	OAC215B-04	Oxy/Acet	1/4"	15m	175 psi.	Red/Blue	Rubber	60°C	Gas Thread	Gas Thread		x					
	OG215K-04	OGC215K-04	Oxy/LPG	1/4"	15m	175 psi.	Orange/Blue	Rubber	60°C	Gas Thread	Gas Thread						x	

Category	R3-P	R3-P+	Application	Hose Id	Hose Length	WP (psi)	Hose Colour	Hose Material	Max Temp (°C)	Reel inlet	Hose outlet	Case Colour						
												Red	Blue	Dark Grey	Black	Green		
SPECIALTY	WD316R-01		Ag Chem	3/8"	16m	250 psi.	Red	Chem resistant PVC	60°C	3/8"	3/8"	x						

*All Threads Dims - BSP. Unless otherwise stated.

Retracta R3-S Selection Guide

R3 Cross Reference



The R3-S range of R3 reels has been introduced to offer unparalleled performance and value for money. Without compromising innovation or quality, the R3-S range offers limited Air/Water options together with basic workshop models.



R3 - S											
Category	Part No.	Application	Hose Id	Hose Length	WP (psi)	Hose Colour	Hose Material	Max Temp (°C)	Reel inlet	Hose outlet	Case Colour
Compressed Air	AW315B-01	Compressed Air/ Water	3/8"	15m	250 psi.	Yellow/ Blue	Reinforced PVC	60°C	3/8"	1/4"	Blue
	AW320B-01	Compressed Air/ Water	3/8"	20m	250 psi.	Yellow/ Blue	Reinforced PVC	60°C	3/8"	1/4"	Blue
	AW415B-01	Compressed Air/ Water	1/2"	15m	250 psi.	Yellow/ Blue	Reinforced PVC	60°C	3/8"	3/8"	Blue
	AW420B-01	Compressed Air/ Water	1/2"	20m	250 psi.	Yellow/ Blue	Reinforced PVC	60°C	3/8"	3/8"	Blue
Water	CL315B-01	Coolant	3/8"	15m	250 psi.	Yellow/ Blue	Reinforced PVC	60°C	3/8"	1/4"	Blue
Oil and Grease	OMP310B-01	Oil	3/8"	10m	800 psi.	Black	Reinforced rubber (SAE100R6)	60°C	1/2"	1/2"	Blue
	GR210B-01	Grease	1/4"	10m	5000 psi.	Black	Reinforced rubber (SAE100R2)	60°C	1/4"	1/4"	Blue

*All Threads Dims - BSP. Unless otherwise stated.

For decades the Retracta reel has been the benchmark in industrial hose reels. The R3 product builds on the enviable reputation built by the previous generation of Retracta poly reels. The cross reference guide below enables direct transition to the relevant new R3 model. For further assistance in transitioning to R3 please contact your nearest Retracta dealer or go to retracta.com

R2	Hose Dia	Length	Case Colour	Options		Length	Case Colour
				R3-P	R3-P+RACR		
AR2101	3/8"	20m	Red	AR320R-01	ARC320R-01	20m	Red
				AR320B-01	ARC320B-01	20m	Blue
				AR320D-01	ARC320D-01	20m	Dark Grey
AR2121	1/2"	15m	Red	AR415R-01	ARC415R-01	15m	Red
				AR415B-01	ARC415B-01	15m	Blue
				AR415D-01	ARC415D-01	15m	Dark Grey
				AR420R-01	ARC420R-01	20m	Red
				AR420B-01	ARC420B-01	20m	Blue
				AR420D-01	ARC420D-01	20m	Dark Grey
AW2101	3/8"	20m	Blue	AR320R-01	ARC320R-01	20m	Red
				AR320B-01	ARC320B-01	20m	Blue
				AR320D-01	ARC320D-01	20m	Dark Grey
AW2121	1/2"	15m	Blue	AR415R-01	ARC415R-01	15m	Red
				AR415B-01	ARC415B-01	15m	Blue
				AR415D-01	ARC415D-01	15m	Dark Grey
				AR420R-01	ARC420R-01	20m	Red
				AR420B-01	ARC420B-01	20m	Blue
				AR420D-01	ARC420D-01	20m	Dark Grey
AW2150	3/8"	15m	Blue	No direct Xref - for 3/8" x 15m see R3-S (Hose Spec)			
CW2121	1/2"	18m	Blue	CW415B-01	CWC415B-01	15m	Blue
				CW420B-01	CWC420B-01	20m	Blue
DR2121	1/2"	18m	Green	DR418G-03	DRC418G-03	18m	Green
				DR418P-03	DRC418P-03	18m	Beige
GR2061	1/4"	10m	Black	GR210B-01*	N/A	10m	Blue
				GR215D-01	GRC215D-01	15m	Dark Grey
				GR215K-01	GRC215K-01	15m	Black
				GR315D-01	GRC315D-01	15m	Dark Grey
				GR315K-01	GRC315K-01	15m	Black
				GR320K-01	GRC320K-01	20m	Black
HW2121	1/2"	12m	Red	HW415R-01	HWC415R-01	15m	Red
				HW420R-01	HWC420R-01	20m	Red
HWP2101	1/4"	12m	Red	HP220R-01	HPC220R-01	20m	Red
OA2551	Twin 6mm	15m	Black	OA215B-04	OAC215B-04	15m	Blue
OLPG2551	Twin 6mm	15m	Black	OG215K-04	OGC215K-04	15m	Black
OLP2121	1/2"	10m	Blue	Low Pressure hose no longer available			
OMP2101	3/8"	10m	Blue	OMP310B-01*	N/A	10m	Blue
OMP2121	1/2"	10m	Blue	OMP415B-01	OMPC415B-01	15m	Blue
				OMP415D-01	OMPC415D-01	15m	Dark Grey
				OMP420B-01	OMPC420B-01	20m	Blue
				OMP420D-01	OMPC420D-01	20m	Dark Grey
WP2101	3/8"	16m	Red	WD316R-01	WDC316R-01	16m	Red

* R3-S Range