REHAU®

Unlimited Polymer Solutions

RAUTITAN - WATER, GAS & HEATING
PRODUCT BOOK

Construction

Automotive

Industry

RAUTITAN – THE NEW GENERATION
RELIABLE. VERSATILE. SECURE.

The RAUTITAN system has been developed in collaboration with our industry partners across the globe; installers, designers, builders and developers. A complete and comprehensive building technology solution for Water Services, Gas Services and Hydronic Heating, complemented by the RAUTOOL range; the RAUTITAN system is reliable, versatile and secure.

QUALITY
Developed in collaboration with designers, installers, builders and developers across the globe RAUTITAN represents the result of over 60 years experience in polymer processing and industrial manufacturing.

Produced in state-of-the-art manufacturing facilities with advance quality management processes ensure that all system components combine seamlessly delivering a reliable and robust system. Online laser monitoring of our RAUTITAN PX fittings ensure a 100% check of each fitting before it is released.

25 Year Warranty

As a global supplier of materials for a diverse range of industries REHAU understands what is required to get the job done. From the world renowned PE-Xa and multi-layer (PE-X – Al – PE) pipe systems or the German engineered dezincification resistant brass and now the RAUTITAN PX PPSU fittings and easy-slide reversible PVDF sleeves.

INNOVATION
As a partner of the global construction industry for over 40 years REHAU is dedicated to meeting industry challenges such as sustainability, efficiency and reliability. With significant investment in R&D REHAU has delivered count-less patents and innovations such as the new RAUTITAN PX polymer fitting. RAUTITAN PX not only provides for an easier installation with the easy-slide reversible sleeve but also provides improvements with regard to hygiene.

One TOOL, All Applications

We continue to invest and develop new materials, designs and technology to meet the future requirements of our industry.

SERVICE
For more than 20 years REHAU has been supporting and servicing the Australia and New Zealand plumbing industry. Dedicated to ensuring our customers enjoy the best quality and service we are committed to having a qualified and local contact. With a team of **qualified technical sales managers** located across the region supported by our **central design and engineering team** in Sydney and central **customer service**.

NEW RAUTITAN PX

The quality of our system is only as good as its design, installation and operation. **REHAU training academies** are available to ensure that the best of the system is realized.

SYSTEM OVERVIEW

RAUTITAN WATER SERVICES
PRODUCT LIST

RAUTITAN WATER SERVICES

RAUTITAN water service system was developed in collaboration with industry professionals in order to meet the needs of builders and the plumbing trade. Its quick and easy installation process has proven to be equally reliable. More importantly, savings can be made in time, labour and material costs.

The strength and flexibility of cross-linked high-density polyethylene (PE-Xa) pipes and PE-X/AL/PE composite pipes used together with a complete range of **RAUTITAN MX** (DZR brass) `MX` and **RAUTITAN PX** (polymer PPSU) `PX` fittings makes RAUTITAN a superior system that can be used in both residential and commercial applications.

Advantages

- Hot and cold water applications (PN20)
- Simple and fast installation
- Permanent leak-proof joint
- Inhibit corrosion and incrustation
- Colour differentiation between hot and cold water lines

- Suitable for concealed installation
- Joint integrity verified by visual inspection
- Reduces water hammer
- Maintenance free

RAUTITAN PX

Combining more than 60 years of world class expertise in polymer engineering and over 40 years of plumbing installations across the globe, REHAU is proud to announce the arrival of the RAUTITAN next generation piping system - RAUTITAN PX: a revolutionary new polymer fitting system.

RAUTITAN fittings are protected by Australian Design Registration No. 327395, 327396, 327397.

The RAUTITAN Water Services system is now Easier, Faster and More Secure.

New!

Easy-slide reversible sleeve

Up to 20% faster

Stop theft

EASIER
- REHAU's simple and secure compression sleeve joint is now even simpler. Forget about checking the sleeve end before making the joint and get the job done even quicker with the assurance that it is 100% secure.

FASTER
- The RAUTITAN PX easy-slide reversible compression joint can be completed up to 20% faster and requires 30% less effort to make a joint. By reducing the compression force, we've extended the RAUTOOL battery life by up to 45%.

MORE SECURE
- The advanced polymer materials of RAUTITAN PX have been engineered to the highest REHAU quality standards. Tough and durable enough for any site condition, these fittings offer 100% corrosion protection and peace of mind against scrap-value theft.

`MX` DZR Brass material

`PX` Polymer PPSU / PVDF material

TABLE OF CONTENTS

1. PIPES

RAUTITAN his 311 pipe for drinking water - black `PN 20` `PE-Xa`

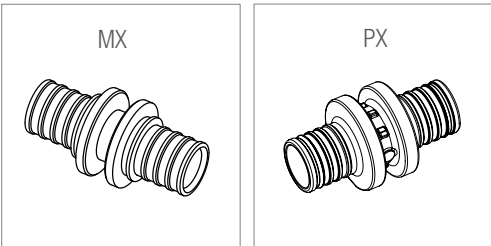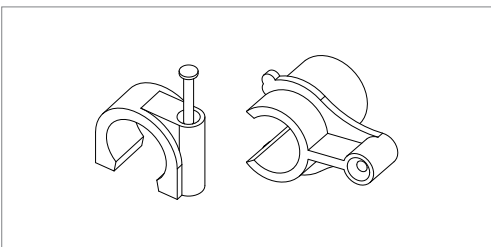| Article	Size	m/Coil	m/Length	Package (m) Coil	Straight Length
139140-005	16 x 2.2	-	5	-	50 / 250
139140-100	16 x 2.2	100	-	100	-
139150-005	20 x 2.8	-	5	-	50 / 200
139150-100	20 x 2.8	100	-	100	-
139160-005	25 x 3.5	-	5	-	25 / 100
139160-050	25 x 3.5	50	-	50	-
139170-005	32 x 4.4	-	5	-	25 / 100
139170-050	32 x 4.4	50	-	50	-
136521-005	40 x 5.5	-	5	-	10 / 50
136531-005	50 x 6.9	-	5	-	5 / 25
136541-005	63 x 8.6	-	5	-	5 / 20

Available from January 2012 - Will replace black pipe

RAUTITAN platinum for drinking water `PN 20` `PE-Xa`

Article	Size	m/Coil	m/Length	Package (m) Coil	Straight Length
132300-005	16 x 2.2	-	5	-	100 / 250
132300-100	16 x 2.2	100	-	100	-
132310-005	20 x 2.8	-	5	-	100 / 200
132310-100	20 x 2.8	100	-	100	-
132320-005	25 x 3.5	-	5	-	25 / 100
132320-050	25 x 3.5	50	-	50	-
132330-005	32 x 4.4	-	5	-	25 / 100
132330-050	32 x 4.4	50	-	50	-
132340-005	40 x 5.5	-	5	-	10 / 50
132350-005	50 x 6.9	-	5	-	5 / 25
132360-005	63 x 8.6	-	5	-	5 / 20

Available from January 2012

RAUTITAN red for hot drinking water `PN 20` `PE-Xa`

New!

Article	Size	m/Coil	m/Length	Package (m) Coil	Straight Length
132520-005	16 x 2.2	-	5	-	100 / 250
132520-100	16 x 2.2	100	-	100	-
132530-005	20 x 2.8	-	5	-	100 / 200
132530-100	20 x 2.8	100	-	100	-
132540-005	25 x 3.5	-	5	-	25 / 100
132540-050	25 x 3.5	50	-	50	-

`PN 20` Excellent long term pressure resistance

Superior temperature performance (-10°C to 100°C)

`PE-Xa` German engineered PE-Xa pipe

`MULTI LAYER` Multi-layer: PE-X/Al/PE

RAUTITAN lilac pipe for recycled water `PN 20` `PE-Xa`

Article	Size	m/Coil	Package (m) Coil
139400-050	16 x 2.2	50	50
139410-050	20 x 2.8	50	50
139420-050[1]	25 x 3.5	50	50

Available from December 2011 - Will replace previously used article numbers

RAUTITAN lilac pipe for recycled water `PN 20` `PE-Xa`

Article	Size	m/Coil	m/Length	Package (m) Coil	Straight Length
122200-050	16 x 2.2	50	-	50	-
122210-050	20 x 2.8	50	-	50	-
122220-050	25 x 3.5	50	-	50	-
122910-005	32 x 4.4	-	5	-	25 / 100
122920-005	40 x 5.5	-	5	-	10 / 50
122930-005	50 x 6.9	-	5	-	5 / 25
122940-005	63 x 8.6	-	5	-	5 / 20

Full range Available

RAUTITAN green pipe for rainwater `PN 20` `PE-Xa`

Article	Size	m/Coil	Package (m) Coil
139520-050	16 x 2.2	50	50
139530-050	20 x 2.8	50	50

Available from December 2011- Will replace previously used article numbers

RAUTITAN green pipe for rainwater `PN 20` `PE-Xa`

Article	Size	m/Coil	m/Length	Package (m) Coil	Straight Length
104200-050	16 x 2.2	50	-	50	-
104210-050	20 x 2.8	50	-	50	-
104220-050	25 x 3.5	50	-	50	-
104230-050	32 x 4.4	50	-	50	-
104240-005	40 x 5.5	-	5	-	10 / 50
104250-005	50 x 6.9	-	5	-	5 / 25
104360-005	63 x 8.6	-	5	-	5 / 20

Full range Available

[1] Not standard stock

RAUTITAN stabil pipe for drinking water and radiator heating - silver

`PN 20` `MULTI LAYER`

Article	Size	m/Coil	m/Length	Package (m) Coil	Straight Length
130071-005	16.2 x 2.6	-	5	-	100
130121-100	16.2 x 2.6	100	-	100	-
130081-005	20 x 2.9	-	5	-	50
130131-100	20 x 2.9	100	-	100	-
130141-050	25 x 3.7	50	-	50	-
130091-005	25 x 3.7	-	5	-	40
130101-005	32 x 4.7	-	5	-	25
130111-005	40 x 6.0	-	5	-	15

RAUTITAN his 311 pipe in conduit for drinking water - black

`PN 20` `PE-Xa`

Article	Size	m/Coil	Package (m) Coil
135802-050	16 x 2.2	50	50
135812-050	20 x 2.8	50	50

Available from January 2012 - Will replace black pipe in conduit

RAUTITAN platinum pipe in conduit for drinking water

`PN 20` `PE-Xa`

Article	Size	m/Coil	Package (m) Coil
132280-050	16 x 2.2	50	50
132290-050	20 x 2.8	50	50

Conduit only for RAUTITAN - black

Article	Size	m/Coil	OD (mm)	ID (mm)	Package (m) Coil
137160-025	25	25	35	28	25

RAUTITAN his 311 pipe (black) with 13 mm concentric insulation (silver) for drinking water

`PN 20` `PE-Xa`

Article	Size	m/Coil	Package (m) Coil
139610-050	16 x 2.2	50	50
139620-050	20 x 2.8	50	50

Available from January 2012 - Will replace black pipe with insulation

RAUTITAN platinum pipe with 13 mm concentric insulation (silver) for drinking water

`PN 20` `PE-Xa`

Article	Size	m/Coil	Package (m) Coil
132370-050	16 x 2.2	50	50
132380-050	20 x 2.8	50	50

PN 20 — Excellent long term pressure resistance

Superior temperature performance (-10°C to 100°C)

PE-Xa — German engineered PE-Xa pipe

MULTI LAYER — Multi-layer: PE-X/Al/PE

Pre-assembled

2. FITTINGS

RAUTITAN PX compression sleeve - polymer `PX`

Article	Size	Package Piece
160001	16	100
160002	20	100
160003	25	100
160004	32	50
160005	40	25
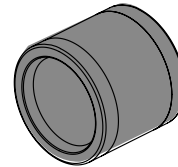
Easily-slide reversible sleeve

RAUTITAN MX compression sleeve - brass `MX`

Article	Size	Package Piece
139771	50	25
139781	63	25
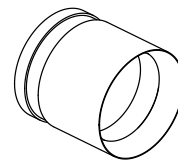
RAUTITAN MX connection barb - male - brass `MX` `DZR BRASS`

Article	Size	OD DN	ID DN	Package Piece
268781	16	15	-	10 / 50
268791	20	20	-	10 / 50
137007	25	25	20	10 / 50
137003	32	32	25	3 / 30
237982[1]	40	40	32	1

*OD of connection barb = copper type A or B. Copper pipe has to be expanded before brasing.
 ID of connection barb = size of copper pipe to fit inside of connection barb.

RAUTITAN MX connection barb - female - brass `MX` `DZR BRASS`

Article	Size	OD DN	ID DN	Package Piece
200736	16	-	15	10 / 100
200733	20	-	20	10 / 100

DN = Australian Copper Size type A or B.

RAUTITAN PX no. 1 straight coupling - polymer `PX`
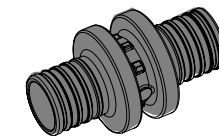
Article	Size	Package Piece/Box
160011	16	10 / 50
160012	20	10 / 50
160013	25	10 / 50
160014	32	10 / 30
160015	40	4

RAUTITAN MX no. 1 straight coupling - brass `MX` `DZR BRASS`
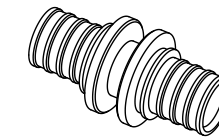
Article	Size	Package Piece/Box
139741	50	1
139751	63	1

RAUTITAN PX no. 1R reducing coupling - polymer `PX`
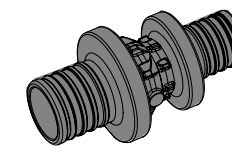
Article	Size	Package Piece/Box
160041	20 - 16	10 / 50
160042	25 - 16	10 / 50
160043	25 - 20	10 / 50
160044	32 - 25	10 / 30
160047	40 - 32	4

RAUTITAN MX no. 1R reducing coupling - brass `MX` `DZR BRASS`
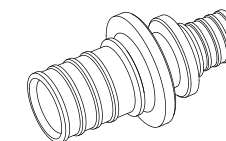
Article	Size	Package Piece/Box
137582	40 - 20	5 / 25
138018[1]	40 - 25	5 / 25
137863	50 - 32	1
137843	50 - 40	1
138019[1]	63 - 40	1
137853	63 - 50	1
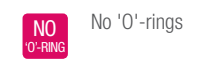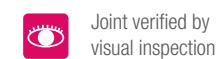
[1] Not standard stock

`MX` DZR Brass material

`PX` Polymer PPSU / PVDF material

`DZR BRASS` German engineered DZR brass

Permanent leak proof joint

All fittings suitable for concealed Installation

Joint verified by visual inspection

25 years warranty (conditions apply)

`NO 'O'-RING` No 'O'-rings

2. FITTINGS

RAUTITAN MX no. 2 straight connector - female thread - brass
MX | DZR BRASS | Concealed application | 25 years warranty | NO 'O'-RING

Article	Size	Package Piece/Box
259515	16 - Rp½" FI	10 / 50
259525	20 - Rp½" FI	10 / 50
138253	20 - Rp¾" FI	10 / 50
139281[1]	25 - Rp½" FI	10 / 50
259535	25 - Rp¾" FI	10 / 50
139101	32 - Rp¾" FI	10 / 30
139091	32 - Rp1" FI	10 / 30

RAUTITAN MX no. 3 straight connector - male thread - brass
MX | DZR BRASS | Concealed application | 25 years warranty | NO 'O'-RING
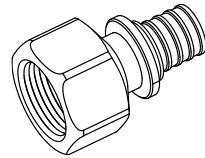
Article	Size		Package Piece/Box
137955	16 - R½"	MI	10 / 50
137965	16 - R¾"	MI (Cu DN15)	10 / 50
139892	16 - R1"	MI	5 / 25
137975	20 - R½"	MI	10 / 50
137985	20 - R¾"	MI	10 / 50
137995	20 - R1"	MI	5 / 25
139181	25 - R½"	MI	10 / 50
259505	25 - R¾"	MI	10 / 50
257336	25 - R1"	MI	10 / 50
139081	32 - R¾"	MI	10 / 30
139051	32 - R1"	MI	10 / 30
139691	40 - R1¼"	MI	5 / 25
139701	50 - R1¼"	MI	5 / 25
139711	50 - R1½"	MI	1
139721	63 - R2"	MI	1

RAUTITAN PX no. 12 elbow 90°- polymer
PX | Concealed application | 25 years warranty | NO 'O'-RING
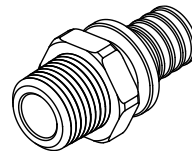
Article	Size	Package Piece/Box
160021	16	10 / 50
160022	20	10 / 50
160023	25	10 / 50
160024	32	3 / 30
160025	40	2

RAUTITAN MX no. 12 elbow 90˚ - brass
MX | DZR BRASS | Concealed application | 25 years warranty | NO 'O'-RING
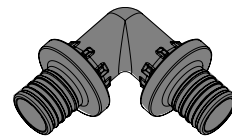
Article	Size	Package Piece/Box
139882	50	1
137873	63	1

RAUTITAN PX elbow 45˚ - polymer
PX | Concealed application | 25 years warranty | NO 'O'-RING
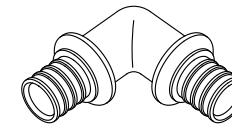
Article	Size	Package Piece
160055	40	2

RAUTITAN MX elbow 45˚ - brass
MX | DZR BRASS | Concealed application | 25 years warranty | NO 'O'-RING
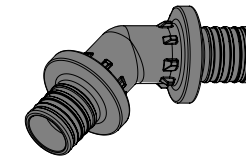
Article	Size	Package Piece
137094	50	1
137104	63	1

RAUTITAN MX no. 13 elbow - male thread - brass
MX | DZR BRASS | Concealed application | 25 years warranty | NO 'O'-RING
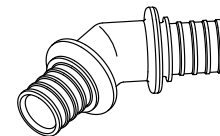
Article	Size	Package Piece/Box
139491	16 - R½" MI	10 / 50
139501	20 - R½" MI	10 / 50
268831	20 - R¾" MI	10 / 50
139511	25 - R¾" MI	10 / 50
137423	32 - R¾" MI	3 / 30
137433	32 - R1" MI	3 / 30

RAUTITAN MX no. 14 elbow - female thread - brass
MX | DZR BRASS | Concealed application | 25 years warranty | NO 'O'-RING
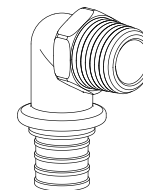
Article	Size	Package Piece/Box
137295	16 - Rp½" FI	10 / 50
137124[1]	16 - Rp¾" FI	10 / 50
137305	20 - Rp½" FI	10 / 50
137134	20 - Rp¾" FI	10 / 50
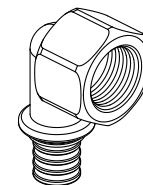
---

[1] Not standard stock
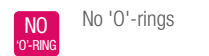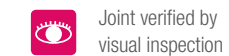
MX DZR Brass material
PX Polymer PPSU / PVDF material
DZR BRASS German engineered DZR brass
Permanent leak proof joint

[1] Not standard stock

Concealed application All fittings suitable for concealed Installation
Joint verified by visual inspection
25 years warranty 25 years warranty (conditions apply)
NO 'O'-RING No 'O'-rings

2.   FITTINGS

RAUTITAN MX no. 15 BP elbow - female thread - brass

MX | **DZR BRASS** | ☂ | Concealed application | 👁 | 25 years warranty | **NO 'O'-RING**

Article	Size	Package Piece/Box
137083	16 - Rp½" Fl (square plate)	10 / 50
225321	16 - Rp¾" Fl	25 / 100
246017	20 - Rp¾" Fl	25 / 50

RAUTITAN MX no. 19 BP elbow - male thread - brass

MX | **DZR BRASS** | ☂ | Concealed application | 👁 | 25 years warranty | **NO 'O'-RING**

Article	Size	Thread Length	Package Piece/Box
268841	16 - G½" B MI ext. 65 mm	32mm	25 / 50
261975	16 - G½" B MI ext. 90 mm	50mm	25 / 50
246027	16 - G½" B MI ext. 150 mm	50mm	10 / 30
235458	16 - G½" B MI ext. 170 mm	50mm	10 / 30
246037	16 - G½" B MI ext. 200 mm	50mm	10 / 30
245937	20 - G½" B MI ext. 95 mm	50mm	25 / 50
222581	20 - G½" B MI ext. 200 mm	50mm	10 / 30
235468	20 - G¾" B MI ext. 95 mm	50mm	10 / 30
222251	20 - G¾" B MI ext. 150 mm	50mm	10 / 30

RAUTITAN MX no. 19 BP elbow - with 100 mm tail - brass

MX | **DZR BRASS** | ☂ | Concealed application | 👁 | 25 years warranty | **NO 'O'-RING**

Article	Size	Package Piece
246067	16 - G½" B MI ext. 95 mm	1

RAUTITAN PX no. 24 T-piece - polymer

PX | ☂ | Concealed application | 👁 | 25 years warranty | **NO 'O'-RING**

Article	Size	Package Piece/Box
160031	16	10 / 50
160032	20	10 / 50
160033	25	10 / 50
160034	32	3 / 15
160035	40	1

RAUTITAN MX no. 24 T-piece - brass

MX | **DZR BRASS** | ☂ | Concealed application | 👁 | 25 years warranty | **NO 'O'-RING**
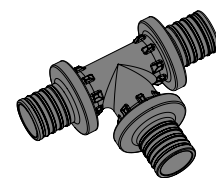
Article	Size	Package Piece/Box	Available Until
137155	50	1	
137165	63	1	
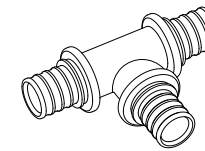
RAUTITAN PX no. 25 T-piece - reduced centre - polymer

PX | ☂ | Concealed application | 👁 | 25 years warranty | **NO 'O'-RING**

Article	Size A	B	C	Package Piece/Box
160061	20	16	20	10 / 50
160062	25	16	25	10 / 50
160063	25	20	25	10 / 50
160064	32	16	32	3 / 15
160065	32	20	32	3 / 15
160066	32	25	32	3 / 15
160067	40	20	40	1
160068	40	25	40	1
160069	40	32	40	1
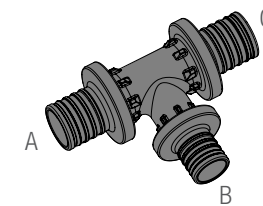
RAUTITAN MX no. 25 T-piece - reduced centre - brass

MX | **DZR BRASS** | ☂ | Concealed application | 👁 | 25 years warranty | **NO 'O'-RING**

Article	Size A	B	C	Package Piece/Box
230348	50	20	50	1
230358	50	25	50	1
139792	50	32	50	1
137089[1]	50	40	50	1
230328	63	20	63	1
230338	63	25	63	1
137175	63	32	63	1
137074	63	40	63	1
137084	63	50	63	1
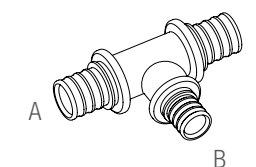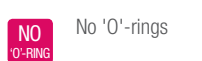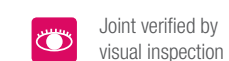
2.   FITTINGS

RAUTITAN PX no. 26 T-piece - reduced end - polymer
PX ☂ Concealed application 👁 25 years warranty NO 'O'-RING

Article	Size			Package
	A	B	C	Piece/Box
160071	20	20	16	10 / 50
160072	25	25	16	10 / 50
160073	25	25	20	10 / 50
160074	32	32	20	3 / 15
160075	32	32	25	3 / 15
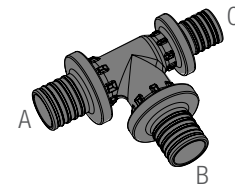
RAUTITAN PX no. 27 T-piece - reduced centre and end - polymer
PX ☂ Concealed application 👁 25 years warranty NO 'O'-RING

Article	Size			Package
	A	B	C	Piece/Box
160081	20	16	16	10 / 50
160082	25	16	16	10 / 50
160085	25	20	20	10 / 50
160086	32	20	20	3 / 15
160091	32	25	25	3 / 15
160092	40	32	32	1
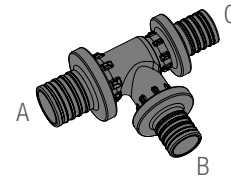
RAUTITAN PX no. 27 T-piece - unequal reduced centre and end - polymer
PX ☂ Concealed application 👁 25 years warranty NO 'O'-RING

Article	Size			Package
	A	B	C	Piece/Box
160083	25	16	20	10 / 50
160084	25	20	16	10 / 50
160087	32	20	25	3 / 15
160089	32	25	20	3 / 15
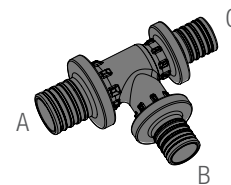
RAUTITAN MX no. 27 T-piece - unequal reduced centre and end - brass
MX **DZR BRASS** ☂ Concealed application 👁 25 years warranty NO 'O'-RING

Article	Size			Package
	A	B	C	Piece/Box
137195	50	32	40	1
137205	63	32	50	1
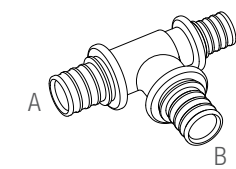
RAUTITAN PX no. 28 T-piece - reduced ends - polymer
PX ☂ Concealed application 👁 25 years warranty NO 'O'-RING

Article	Size			Package
	A	B	C	Piece/Box
160101	16	20	16	10 / 50
160102	16	25	16	10 / 50
160103	20	25	16	10 / 50
160104	20	25	20	10 / 50
160106	25	32	25	3 / 15
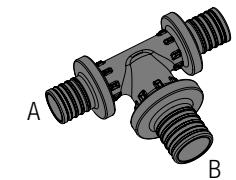
RAUTITAN MX no. 28 T-piece - reduced ends - brass
MX **DZR BRASS** ☂ Concealed application 👁 25 years warranty NO 'O'-RING

Article	Size			Package
	A	B	C	Piece/Box
139962	20	32	20	3 / 30

PX Polymer PPSU / PVDF material

MX DZR Brass material

DZR BRASS German engineered DZR brass

☂ Permanent leak proof joint

Concealed application — All fittings suitable for concealed Installation

👁 Joint verified by visual inspection

25 years warranty — 25 years warranty (conditions apply)

NO 'O'-RING — No 'O'-rings

2.   FITTINGS

RAUTITAN MX no. 30 T-piece - female threaded centre - brass   MX DZR BRASS ☂ Concealed application 👁 25 years warranty NO 'O'-RING

Article	Size			Package
	A	B	C	Piece/Box
258206[1]	25	Rp¾"	FI 25	10 / 50
139011	32	Rp¾"	FI 25	3 / 30
138991	32	Rp¾"	FI 32	3 / 30
139001	32	Rp1"	FI 25	3 / 30
138981	32	Rp1"	FI 32	3 / 30
139842	40	Rp1"	FI 32	1
139802	40	Rp1"	FI 40	1
137145	40	Rp1¼"	FI 32	1
137135	40	Rp1¼"	FI 40	1
139812	50	Rp1"	FI 50	1
139822	50	Rp1¼"	FI 50	1
139832	63	Rp1"	FI 63	1
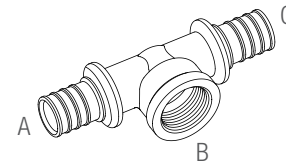
RAUTITAN MX no. 30 BP T-piece, wall mounted - female threaded centre - brass   MX DZR BRASS ☂ Concealed application 👁 25 years warranty NO 'O'-RING

Article	Size			Package
	A	B	C	Piece/Box
138841	16	Rp½"	FI 16	10 / 50
138851	20	Rp½"	FI 20	10 / 50

RAUTITAN MX no. 61 stopper - brass   MX DZR BRASS ☂ Concealed application 👁 25 years warranty NO 'O'-RING
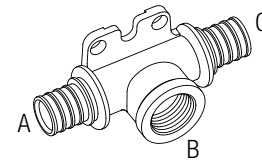
Article	Size	Package
		Piece
137793	16	10 / 50
243253	20	10 / 50
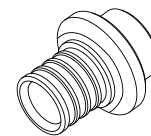
RAUTITAN MX no. 62 straight tap connector - brass   MX DZR BRASS ☂ Concealed application 👁 25 years warranty NO 'O'-RING

Article	Size		Package
			Piece/Box
268851	16 x G½"	FI Nut (AUS)	25 / 50
228724	16 x G½"	FI Nut (NZ)	25 / 50
245947	20 x G¾"	FI Nut (AUS)	25 / 50
228718	20 x G¾"	FI Nut (NZ)	25 / 50

RAUTITAN MX compression union - brass   MX DZR BRASS ☂ Concealed application 👁 25 years warranty NO 'O'-RING
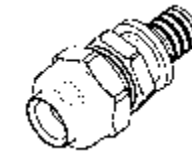
Article	Size	Package
		Piece/Box
226231	16 x ½"	25 / 100
225331	20 x ¾"	25 / 100

RAUTITAN MX no. 62 straight tap connector with gasket - brass   MX DZR BRASS ☂ Concealed application 👁 25 years warranty NO 'O'-RING
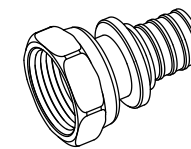
Article	Size		Package
			Piece/Box
139551	16 x G½"	FI Nut	10 / 50
139561	20 x G½"	FI Nut	10 / 50
139571	20 x G¾"	FI Nut	10 / 50
139912	25 x G¾"	FI Nut	10 / 50
139922	25 x G1"	FI Nut	10 / 50
139932	32 x G1"	FI Nut	10 / 50
137154	32 x G1½"	FI Nut	5 / 25
137265	40 x G1½"	FI Nut	1
137164	40 x G2"	FI Nut	5 / 25
137275	50 x G1¾"	FI Nut	1
137285	63 x G2⅜"	FI Nut	1

RAUTITAN MX no. 63 bent tap connector - brass   MX DZR BRASS ☂ Concealed application 👁 25 years warranty NO 'O'-RING
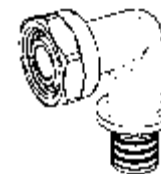
Article	Size		Package
			Piece/Box
245957	16 x G½"	FI Nut (AUS)	25 / 100
228719	16 x G½"	FI Nut (NZ)	25 / 100
268861	20 x G¾"	FI Nut (AUS)	25 / 100
228720	20 x G¾"	FI Nut (NZ)	25 / 100

RAUTITAN MX no. 5 lugged nipple - brass   MX DZR BRASS ☂ Concealed application 👁 25 years warranty NO 'O'-RING

Article	Size		Package
			Piece/Box
233814	16 x G½"	B MI	25 / 100

[1] Not standard stock

MX DZR Brass material

DZR BRASS German engineered DZR brass

☂ Permanent leak proof joint

Concealed application — All fittings suitable for concealed Installation

👁 Joint verified by visual inspection

25 years warranty — 25 years warranty (conditions apply)

NO 'O'-RING — No 'O'-rings
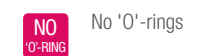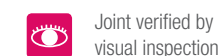
3.   ACCESSORIES

Profile bend bracket 90° x 3D

Article	Size	Package Piece/Box
138881	16	10 / 100
138891	20	10 / 100
138351	25	10 / 50

Profile bend bracket 90° x 5D

Article	Size	Package Piece/Box
258408	16	10 / 50
258798	20	10 / 50
257249	25	10 / 50
261153	32 [2]	5 / 50

[2] with spring

Open clip

Article	Size	Package Piece
235695	16 (masonry nail)	100
235705	20 (masonry nail)	100
235715	25 (masonry nail)	100
235725	16 (metal screw)	100
235735	20 (metal screw)	100
235745	25 (metal screw)	100
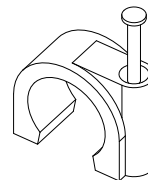
Closed clip

Article	Size	Package Piece
235605	16 (masonry nail)	100
235615	20 (masonry nail)	100
235625	25 (masonry nail)	100
235635	16 (with metal screw)	100
235645	20 (with metal screw)	100
235655	25 (with metal screw)	100
235665	16 (with timber nail)	100
235675	20 (with timber nail)	100
235685	25 (with timber nail)	100
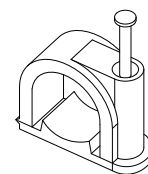
Stud clip
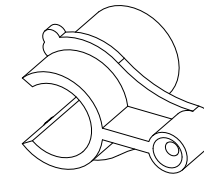
Article	Size	Package Piece
235755	16 (metal screw)	100
235765	20 (metal screw)	100
235775	25 (metal screw)	100

Anchor clip
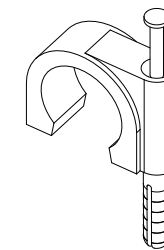
Article	Size	Package Piece
235585	16 (with pre-drill nail)	100
235595	20 (with pre-drill nail)	100

Saddle clip
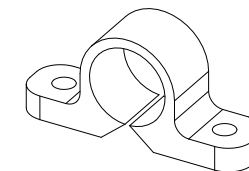
Article	Size	Package Piece
235785	16 (fixing not provided)	100
235795	20 (fixing not provided)	100
235805	25 (fixing not provided)	100

Clip-on support channel

Article	Size	m/length	Package (m) Pack
138033	16	3	30
138043	20	3	30
138053	25	3	30
138063	32	3	30
138073	40	3	15
138083	50	3	15
138093	63	3	15

4. ASSEMBLIES[3]

Bath/laundry assemblies

Article	Size	Package Piece/Box
261955	8" right angle	1 / 35
268881	12" right angle	1 / 30
261945	8" straight	1 / 35
268871	12" straight	1 / 30
245997	12" rear entry	1 / 30
246087	12" right angle with 100 mm tails	1 / 20
245987	12" left hand straight	1 / 30
245977	12" right hand straight	1 / 30

8" right angle

12" right angle

12" left hand straight

12" rear entry

8" straight

12" right hand straight

12" right angle with 100 mm tails
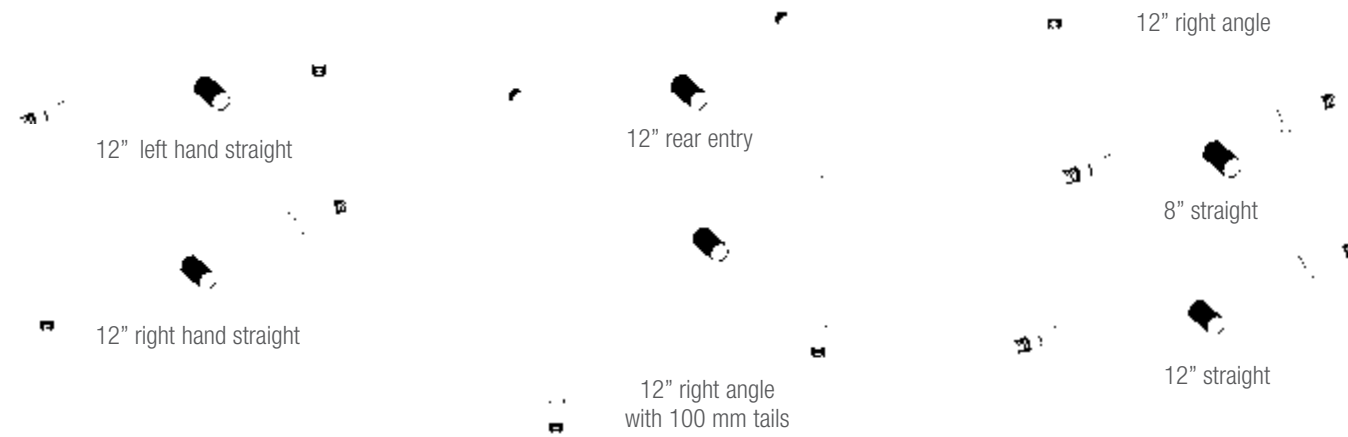
12" straight

Shower assemblies

Article	Size	Package Piece/Box
261995	6" straight	1 / 40
268891	6" right angle	1 / 40
261965	8" right angle	1 / 35
246007	6" right angle barbs up	1 / 40
245967	8" right angle barbs up	1 / 35
246117	6" left hand straight	1 / 40
246127	6" right hand straight	1 / 40

6" straight

6" left hand straight

6" right angle barbs up

6" right angle

6" right hand straight

8" right angle barbs up
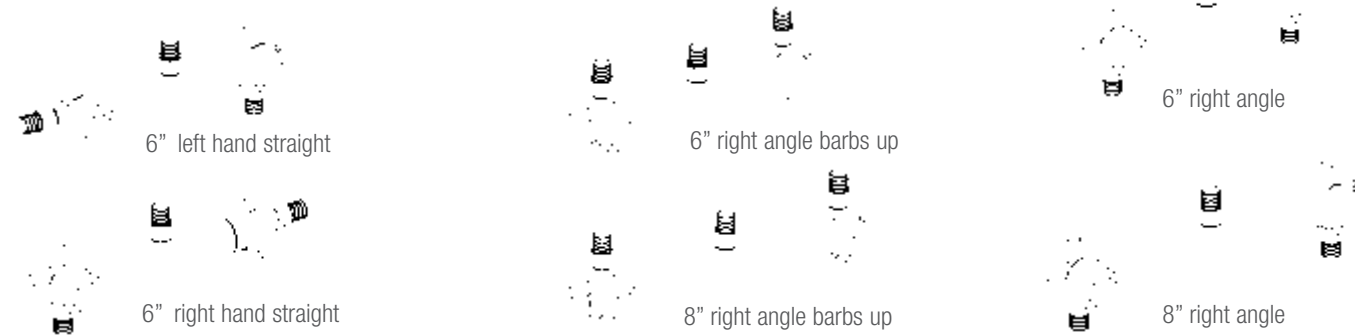
8" right angle

Shower/riser and bath/shower combination

Article	Size	Package Piece/Box
246047	8" barbs up with 27" riser	1 / 5
268901	8" right angle with 27" riser	1 / 5

8" barbs up with 27" riser

8" right angle with 27" riser

Hot water entry

Article	Size	Package Piece/Box
235488	16 x 900	1 / 5
235498	20 x 900	1 / 5

Copper extension - 3/4" hose tap attachment

Article	Size	Package Piece/Box
260068	20	1 / 80

[3] Assemblies are available in Australia only.

5. ORDER CHECKLIST

PIPES

Article	Product	Quantity	Price
RAUTITAN his 311 pipe for drinking water - black			
139140-005	16 x 2.2		
139140-100	16 x 2.2		
139150-005	20 x 2.8		
139150-100	20 x 2.8		
139160-005	25 x 3.5		
139160-050	25 x 3.5		
139170-005	32 x 4.4		
139170-050	32 x 4.4		
136521-005	40 x 5.5		
136531-005	50 x 6.9		
136541-005	63 x 8.6		
RAUTITAN platinum for drinking water			
132300-005	16 x 2.2		
132300-100	16 x 2.2		
132310-005	20 x 2.8		
132310-100	20 x 2.8		
132320-005	25 x 3.5		
132320-050	25 x 3.5		
132330-005	32 x 4.4		
132330-050	32 x 4.4		
132340-005	40 x 5.5		
132350-005	50 x 6.9		
132360-005	63 x 8.6		
RAUTITAN red for drinking water - hot			
132520-005	16 x 2.2		
132520-100	16 x 2.2		
132530-005	20 x 2.8		
132530-100	20 x 2.8		
132540-005	25 x 3.5		
132540-100	25 x 3.5		
RAUTITAN lilac pipe for recycled water			
139400-050	16 x 2.2		
139410-050	20 x 2.8		
139420-050	25 x 3.5		
RAUTITAN lilac pipe for recycled water			
122200-050	16 x 2.2		
122210-050	20 x 2.8		
122220-050	25 x 3.5		
122910-005	32 x 4.4		
122920-005	40 x 5.5		
122930-005	50 x 6.9		
122940-005	63 x 8.6		
RAUTITAN green pipe for rainwater			
139520-050	16 x 2.2		
139530-050	20 x 2.8		
RAUTITAN green pipe for rainwater			
104200-050	16 x 2.2		
104210-050	20 x 2.8		
104220-050	25 x 3.5		
104230-050	32 x 4.4		
104240-005	40 x 5.5		
104250-005	50 x 6.9		
104360-005	63 x 8.6		
RAUTITAN stabil pipe for drinking water and radiator heating - silver			
130071-005	16.2 x 2.6		
130121-100	16.2 x 2.6		
130081-005	20 x 2.9		
130131-100	20 x 2.9		
130141-050	25 x 3.7		
130091-005	25 x 3.7		
130101-005	32 x 4.7		
130111-005	40 x 6.0		
RAUTITAN his 311 pipe in conduit for drinking water - black			
135802-050	16 x 2.2		
135812-050	20 x 2.8		
RAUTITAN platinum pipe in conduit for drinking water			
132280-050	16 x 2.2		
132290-050	20 x 2.8		
Conduit only for RAUTITAN - black			
137160-025	25		
RAUTITAN his 311 pipe (black) with 13 mm concentric insulation (silver) for drinking water			
139610-050	16 x 2.2		
139620-050	20 x 2.8		
RAUTITAN platinum pipe with 13 mm concentric insulation (silver) for drinking water			
132370-050	16 x 2.2		
132380-050	20 x 2.8		

FITTINGS

Article	Product	Quantity	Price
RAUTITAN PX compression sleeve - polymer			
160001	16		
160002	20		
160003	25		
160004	32		
160005	40		
RAUTITAN MX compression sleeve - brass			
139771	50		
139781	63		
RAUTITAN MX connection barb - male - brass			
268781	16 - L15		
268791	20 - L20		
137007	25 - L20 / L25		
137003	32 - L25 / L32		
237982	40 - L32 / L40		
RAUTITAN MX connection barb - female - brass			
200736	16 - Cu15		
200733	20 - Cu20		
RAUTITAN PX no. 1 straight coupling - polymer			
160011	16		
160012	20		
160013	25		
160014	32		
160015	40		
RAUTITAN MX no. 1 straight coupling - brass			
139741	50		
139751	63		
RAUTITAN PX no. 1R reducing coupling - polymer			
160041	20 - 16		
160042	25 - 16		
160043	25 - 20		
160044	32 - 25		
160047	40 - 32		
RAUTITAN MX no. 1R reducing coupling - brass			
137582	40 - 20		
138018	40 - 25		
137863	50 - 32		
137843	50 - 40		
138019	63 - 40		
137853	63 - 50		
RAUTITAN MX no. 2 straight connector - female thread - brass			
259515	16 - Rp½" FI		
259525	20 - Rp½" FI		
138253	20 - Rp¾" FI		
139281	25 - Rp½" FI		
259535	25 - Rp¾" FI		
139101	32 - Rp¾" FI		
139091	32 - Rp1" FI		
RAUTITAN MX no. 3 straight connector - male thread - brass			
137955	16 - R½" MI		
137965	16 - R¾" MI (Cu DN15)		
139892	16 - R1" MI		
137975	20 - R½" MI		
137985	20 - R¾" MI		
137995	20 - R1" MI		
139181	25 - R½" MI		
259505	25 - R¾" MI		
257336	25 - R1" MI		
139081	32 - R¾" MI		
139051	32 - R1" MI		
139691	40 - R1¼" MI		
139701	50 - R1¼" MI		
139711	50 - R1½" MI		
139721	63 - R2" MI		
RAUTITAN PX no. 12 elbow 90° - polymer			
160021	16		
160022	20		
160023	25		
160024	32		
160025	40		
RAUTITAN MX no. 12 elbow 90° - brass			
139882	50		
137873	63		
RAUTITAN PX elbow 45° - polymer			
160055	40		
RAUTITAN MX elbow 45° - brass			
139862	40		
137094	50		
137104	63		
RAUTITAN MX no. 13 elbow - male thread - brass			
139491	16 - R½" MI		
139501	20 - R½" MI		
268831	20 - R¾" MI		
139511	25 - R¾" MI		
137423	32 - R¾" MI		
137433	32 - R1" MI		
RAUTITAN MX no. 14 elbow - female thread - brass			
137295	16 - Rp½" FI		
137124	16 - Rp¾" FI		
137305	20 - Rp½" FI		
137134	20 - Rp¾" FI		
RAUTITAN MX no. 15 BP elbow - female thread - brass			
137083	16 - Rp½" FI (square plate)		
225321	16 - Rp¾" FI		
246017	20 - Rp¾" FI		
RAUTITAN MX no. 19 BP elbow - male thread - brass			
268841	16 - G½" B MI ext. 65 mm		
261975	16 - G½" B MI ext. 90 mm		
246027	16 - G½" B MI ext. 150 mm		
235458	16 - G½" B MI ext. 170 mm		
246037	16 - G½" B MI ext. 200 mm		
245937	20 - G½" B MI ext. 95 mm		
222581	20 - G½" B MI ext. 200 mm		
235468	20 - G¾" B MI ext. 95 mm		
222251	20 - G¾" B MI ext. 150 mm		
RAUTITAN MX no. 19 BP elbow - with 100 mm tail - brass			
246067	16 - G½" B MI ext 95 mm		
RAUTITAN PX no. 24 T-piece - polymer			
160031	16		
160032	20		
160033	25		
160034	32		
160035	40		
RAUTITAN MX no. 24 T-piece - brass			
137155	50		
137165	63		
RAUTITAN PX no. 25 T-piece - reduced centre - polymer			
160061	20 - 16 - 20		
160062	25 - 16 - 25		
160063	25 - 20 - 25		
160064	32 - 16 - 32		
160065	32 - 20 - 32		
160066	32 - 25 - 32		
160067	40 - 20 - 40		
160068	40 - 25 - 40		
160069	40 - 32 - 40		
RAUTITAN MX no. 25 T-piece - reduced centre - brass			
230348	50 - 20 - 50		
230358	50 - 25 - 50		
139792	50 - 32 - 50		
137089	50 - 40 - 50		
230328	63 - 20 - 63		
230338	63 - 25 - 63		
137175	63 - 32 - 63		
137074	63 - 40 - 63		
137084	63 - 50 - 63		

5. ORDER CHECKLIST

Article	Product	Quantity	Price
RAUTITAN PX no. 26 T-piece - reduced end - polymer			
160071	20 - 20 - 16	....	....
160072	25 - 25 - 16	....	....
160073	25 - 25 - 20	....	....
160074	32 - 32 - 20	....	....
160075	32 - 32 - 25	....	....
RAUTITAN PX no. 27 T-piece - reduced centre and end - polymer			
160081	20 - 16 - 16	....	....
160082	25 - 16 - 16	....	....
160085	25 - 20 - 20	....	....
160086	32 - 20 - 20	....	....
160091	32 - 25 - 25	....	....
160092	40 - 32 - 32	....	....
RAUTITAN PX no. 27 T-piece - unequal reduced centre and end - polymer			
160083	25 - 16 - 20	....	....
160084	25 - 20 - 16	....	....
160087	32 - 20 - 25	....	....
160089	32 - 25 - 20	....	....
RAUTITAN MX no. 27 T-piece - unequal reduced centre and end - brass			
137195	50 - 32 - 40	....	....
137205	63 - 32 - 50	....	....
RAUTITAN PX no. 28 T-piece - reduced ends - polymer			
160101	16 - 20 - 16	....	....
160102	16 - 25 - 16	....	....
160103	20 - 25 - 16	....	....
160104	20 - 25 - 20	....	....
160106	25 - 32 - 25	....	....
RAUTITAN MX no. 28 T-piece - reduced ends - brass			
139962	20 - 32 - 20	....	....
RAUTITAN MX no. 30 T-piece - female threaded centre - brass			
258206	25 - Rp¾" - Fl 25	....	....
139011	32 - Rp¾" - Fl 25	....	....
138991	32 - Rp¾" - Fl 32	....	....
139001	32 - Rp1" - Fl 25	....	....
138981	32 - Rp1" - Fl 32	....	....
139842	40 - Rp1" - Fl 32	....	....
139802	40 - Rp1" - Fl 40	....	....
137145	40 - Rp1¼" - Fl 32	....	....
137135	40 - Rp1¼" - Fl 40	....	....
139812	50 - Rp1" - Fl 50	....	....
139822	50 - Rp1¼" - Fl 50	....	....
139832	63 - Rp1" - Fl 63	....	....
RAUTITAN MX no. 30 BP T-piece, wall mounted - female threaded centre - brass			
138841	16 - Rp½" - Fl 16	....	....
138851	20 - Rp½" - Fl 20	....	....
RAUTITAN MX no. 61 stopper - brass			
137793	16	....	....
243253	20	....	....

Article	Product	Quantity	Price
RAUTITAN MX no. 62 straight tap connector - brass			
268851	16 x G½" Fl Nut (AUS)	....	....
228724	16 x G½" Fl Nut (NZ)	....	....
245947	20 x G¾" Fl Nut (AUS)	....	....
228718	20 x G¾" Fl Nut (NZ)	....	....
RAUTITAN MX compression union - brass			
226231	16 x ½"	....	....
225331	20 x ¾"	....	....
RAUTITAN MX no. 62 straight tap connector with gasket - brass			
139551	16 x G½" Fl Nut	....	....
139561	20 x G½" Fl Nut	....	....
139571	20 x G¾" Fl Nut	....	....
139912	25 x G¾" Fl Nut	....	....
139922	25 x G1" Fl Nut	....	....
139932	32 x G1" Fl Nut	....	....
137154	32 x G1½" Fl Nut	....	....
137265	40 x G1½" Fl Nut	....	....
137164	40 x G2" Fl Nut	....	....
137275	50 x G1¾" Fl Nut	....	....
137285	63 x G2⅜" Fl Nut	....	....
RAUTITAN MX no. 63 bent tap connector - brass			
245957	16 x G½" Fl Nut (AUS)	....	....
228719	16 x G½" Fl Nut (NZ)	....	....
268861	20 x G¾" Fl Nut (AUS)	....	....
228720	20 x G¾" Fl Nut (NZ)	....	....
RAUTITAN MX no. 5 lugged nipple - brass			
233814	16 x G½" B MI	....	....

Article	Product	Quantity	Price
Profile bend bracket 90˚ x 3D			
138881	16	....	....
138891	20	....	....
138351	25	....	....
Profile bend bracket 90˚ x 5D			
258408	16	....	....
258798	20	....	....
257249	25	....	....
261153	32 with spring	....	....
Open clip			
235695	16 (masonry nail)	....	....
235705	20 (masonry nail)	....	....
235715	25 (masonry nail)	....	....
235725	16 (metal screw)	....	....
235735	20 (metal screw)	....	....
235745	25 (metal screw)	....	....
Closed clip			
235605	16 (masonry nail)	....	....
235615	20 (masonry nail)	....	....
235625	25 (masonry nail)	....	....
235635	16 (with metal screw)	....	....
235645	20 (with metal screw)	....	....
235655	25 (with metal screw)	....	....
235665	16 (with timber nail)	....	....
235675	20 (with timber nail)	....	....
235685	25 (with timber nail)	....	....
Stud clip			
235755	16 (metal screw)	....	....
235765	20 (metal screw)	....	....
235775	25 (metal screw)	....	....
Anchor clip			
235585	16 (with pre-drill nail)	....	....
235595	20 (with pre-drill nail)	....	....
Saddle clip			
235785	16 (fixing not provided)	....	....
235795	20 (fixing not provided)	....	....
235805	25 (fixing not provided)	....	....
Clip-on support channel			
138033	16	....	....
138043	20	....	....
138053	25	....	....
138063	32	....	....
138073	40	....	....
138083	50	....	....
138093	63	....	....

Article	Product	Quantity	Price
Bath/laundry assemblies		....	....
261955	8" right angle	....	....
268881	12" right angle	....	....
261945	8" straight	....	....
268871	12" straight	....	....
245997	12" rear entry	....	....
246087	12" right angle with 100 mm tails	....	....
245987	12" left hand straight	....	....
245977	12" right hand straight	....	....
Shower assemblies			
261995	6" straight	....	....
268891	6" right angle	....	....
261965	8" right angle	....	....
246007	6" right angle barbs up	....	....
245967	8" right angle barbs up	....	....
246117	6" left hand straight	....	....
246127	6" right hand straight	....	....
Shower/riser and bath/shower combination			
246047	8" barbs up with 27" riser	....	....
268901	8" right angle with 27" riser	....	....
Hot water entry			
235488	16 x 900	....	....
235498	20 x 900	....	....
Copper extension 3/4" - hose tap attachment			
260068	20	....	....

RAUTITAN GAS SERVICES
PRODUCT LIST

Construction

Automotive

Industry

RAUTITAN GAS SERVICES

RAUTITAN gas system was developed in collaboration with industry profes-
sionals in order to meet the needs of builders and the gas services trade.
Its quick and easy installation process has proven to be equally reliable.
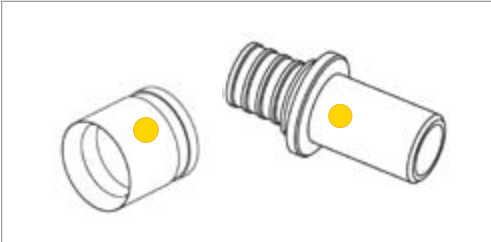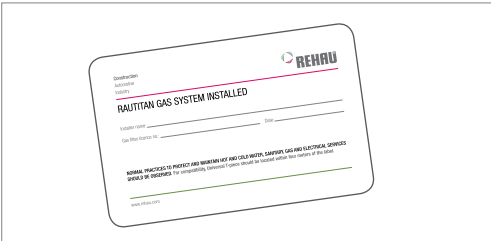More importantly, savings can be made in time, labour and material costs.

The strength and flexibility of cross-linked high-density polyethylene (PE-Xa)
pipes and PE-X/AL/PE composite pipes used together with a complete range
of DZR brass compression fittings makes RAUTITAN a superior system that
can be used in both residential and commercial applications.

Advantages

- One Fitting, One Tool, One Connection...all applications!
- Local support and warranty
- Economic installation
- Permanent Compression Sleeve Jointing Technology
- Simple and fast installation
- Highest standards of safety and quality
- Complete range
- Independent certification
- No O-rings
- High temperature resistant
- Excellent hydraulic performance
- RAUGUARD protective conduit
- Easy identification

TABLE OF CONTENTS

In locations with known problems of fitting corrosion or where the water is or is suspected to be highly corrosive (e.g. in volcanic areas, in installations using bore/well water or in applications using water with high sulphur content, etc), there is a danger that fittings corrode quickly. The suitability and warranty coverage of the RAUTITAN pipe system in such installations require a prior independent consultation with REHAU. In some cases, the accessible or nearby water quality may also void the REHAU warranty unless appropriate water treatment is provided.

1. PIPES

RAUTITAN gas stabil pipes for gas application

Article	Size	m/Coil	m/Length	Package (m) Coil	Straight Length	New Article # Starting Dec'11
166006-005	16.2 x 2.6	-	5	-	100	
166016-005	20 x 2.9	-	5	-	50	166016 - 505
166026-005	25 x 3.7	-	5	-	40	
166036-005	32 x 4.7	-	5	-	25	166036 - 505
166046-005	40 x 6.0	-	5	-	15	
166006-100	16.2 x 2.6	100	-	100	-	166006 - 105
166016-100	20 x 2.9	100	-	100	-	166016 - 105
166026-025	25 x 3.7	25	-	25	-	
166036-525	32 x 4.7	25	-	25	-	

**MOST FLEXIBLE
pipe in the market**

RAUGUARD for pipe protection

Flexible metal conduit (zinc plated steel)

Article	Size	OD mm	ID mm	Package (m) Coil
166076-001	16/20	26	30	30
166086-001	25	34	38	30
166096-001	32	39	43	30
166097-001	40	50	54	10
166098-001	40+	53	56	10

Protective conduit (PE) for pipe protection

Article	Size	OD mm	ID mm	Package (m) Coil
180252-050	16	24	19	50
180262-050	20	28	23	50
180282-025	25/32	42	36	25

NO 'O'-RING	No 'O'-rings
100% TESTED	Each fitting has been 100% tested
DZR BRASS	German engineered DZR brass
👁	Joint verified by visual inspection

2. FITTINGS

Compression sleeve
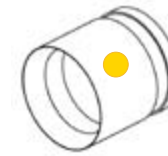
Article	Size	Package Piece/Box
166106	16	5 / 10
166116	20	5 / 10
166126	25	5 / 10
166136	32	5 / 10
166146	40	2 / 4

Separate compression sleeves are meant for spare only. All fittings come with compression sleeves in set.

Connecting barb set
NO 'O'-RING **100% TESTED** **DZR BRASS** 👁
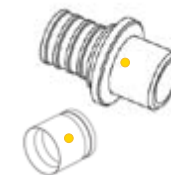
Article	Size	OD mm	ID mm	Package Piece/Box
167006	16	15	-	1 / 10
167016	20	20	-	1 / 20
167026	25	25	20	1 / 20
167036	32	32	25	1 / 10
167046	40	40	32	1

Note: DN = Australian copper size type A or B

No. 1 straight coupling set
NO 'O'-RING **100% TESTED** **DZR BRASS** 👁
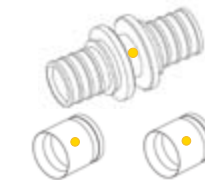
Article	Size	Package Piece/Box
166206	16	1 / 10
166216	20	1 / 20
166226	25	1 / 20
166236	32	1 / 10
166246	40	1

No. 1R reducing coupling set
NO 'O'-RING **100% TESTED** **DZR BRASS** 👁
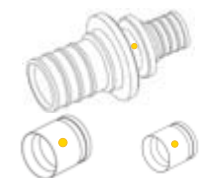
Article	Size	Package Piece/Box
166506	20 - 16	1 / 10
166009	25 - 16	1 / 10
166516	25 - 20	1 / 10
166526	32 - 25	1 / 20
166536	40 - 32	1
166546	40 - 25	1

2.   FITTINGS

No. 2 straight connector set, female thread

NO 'O'-RING · 100% TESTED · DZR BRASS

Article	Size	Package Piece/Box
166806	16 - Rp½" Fl	1 / 10
166826	20 - Rp¾" Fl	1 / 20
166836	25 - Rp¾" Fl	1 / 20
166846	25 - Rp1" Fl	1 / 20
166866	32 - Rp1" Fl	1 / 10
166876	40 - Rp1¼" Fl	1
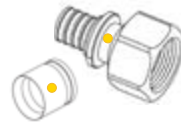
No. 3 straight connector set, male thread

NO 'O'-RING · 100% TESTED · DZR BRASS

Article	Size	Package Piece/Box
167206	16 - R½" MI	1 / 10
167216	20 - R½" MI	1 / 20
167226	20 - R¾" – L 15 MI	1 / 20
167256	25 - R¾" – L 18 MI	1 / 20
167286	32 - R1" – L 22 MI	1 / 10
167296	40 - R1¼" MI	1

No. 12 elbow 90° set

NO 'O'-RING · 100% TESTED · DZR BRASS
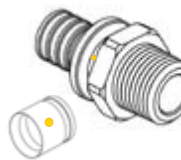
Article	Size	Package Piece/Box
166306	16	1 / 10
166316	20	1 / 20
166326	25	1 / 20
166336	32	1 / 10
166346	40	1

No. 13 elbow adaptor set, male thread

NO 'O'-RING · 100% TESTED · DZR BRASS

Article	Size	Package Piece/Box
167406	20 - R½" MI	1 / 20
167416	20 - R¾" MI	1 / 20
167176	25 - R¾" MI	1 / 20
167426	25 - R1" MI	1 / 20
167186	32 - R1" MI	1 / 10
167196	40 - R1¼" MI	1

NO 'O'-RING	No 'O'-rings
100% TESTED	Each fitting has been 100% tested
DZR BRASS	German engineered DZR brass
👁	Joint verified by visual inspection

No. 15 BP wall mounted elbow set, female thread

NO 'O'-RING · 100% TESTED · DZR BRASS
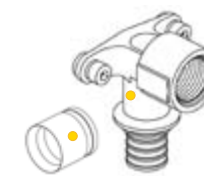
Article	Size	Package Piece/Box
166906	16 - Rp½" short Fl	1 / 10
166926	20 - Rp¾" short Fl	1 / 20
166946	25 - Rp1" short Fl	1 / 20
166956	32 - Rp1" short Fl	1 / 10
166966	32 - Rp1¼" short Fl	1 / 10
166976	40 - Rp1¼" short Fl	1 / 1

Article nos. 166956, 166966 and 166976 come with 3 lugs for fastening.

No. 19 BP wall mounted elbow set, male thread

NO 'O'-RING · 100% TESTED · DZR BRASS

Article	Size	Package Piece/Box
167106	16 - R½" ext. 90 mm MI	1 / 10
167116	16 - R½" ext. 200 mm MI	1 / 10
167126	20 - R½" ext. 95 mm MI	1 / 20
167136	20 - R½" ext. 200 mm MI	1 / 20

No. 24 T-piece set

NO 'O'-RING · 100% TESTED · DZR BRASS
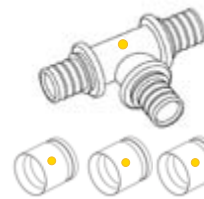
Article	Size	Package Piece/Box
166406	16	1 / 10
166416	20	1 / 20
166426	25	1 / 20
166436	32	1 / 10
166446	40	1 / 1

No. 25 T-piece set, reduced centre

NO 'O'-RING · 100% TESTED · DZR BRASS
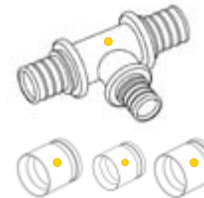
Article	Size A	B	C	Package Piece/Box
166606	20	16	20	1 / 10
166616	25	16	25	1 / 10
166626	25	20	25	1 / 20
166636	32	16	32	1 / 10
166646	32	20	32	1 / 20
166656	32	25	32	1 / 10

2.　FITTINGS

No. 26 T-piece set, reduced end					NO 'O'-RING	100% TESTED	DZR BRASS	👁

Article	Size			Package	
	A	B	C	Piece/Box	
167386	20	20	16	1 / 10	
166666	25	25	20	1 / 20	
166676	32	32	25	1 / 10	
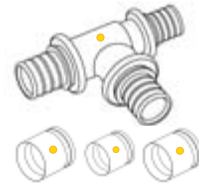
No. 27 T-piece set, reduced centre and end					NO 'O'-RING	100% TESTED	DZR BRASS	👁

Article	Size			Package	
	A	B	C	Piece/Box	
167396	20	16	16	1 / 10	
166686	25	20	20	1 / 20	
166716*	32	25	25	1 / 10	
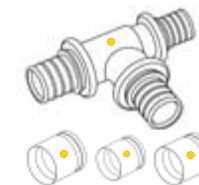
No. 27 T-piece set, unequal reduced centre and end					NO 'O'-RING	100% TESTED	DZR BRASS	👁

Article	Size			Package	
	A	B	C	Piece/Box	
166008*	25	16	20	1 / 20	
167436*	25	20	16	1 / 20	
166696	32	25	20	1 / 10	
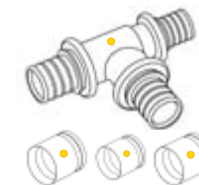
No. 30 T-piece set, female threaded centre					NO 'O'-RING	100% TESTED	DZR BRASS	👁

Article	Size			Package	
	A	B	C	Piece/Box	
166736	25	Rp¾" FI	25	1 / 20	
166766	32	Rp1" FI	32	1 / 10	
166786	40	Rp1¼" FI	40	1	

No. 61 stopper set			NO 'O'-RING	100% TESTED	DZR BRASS	👁
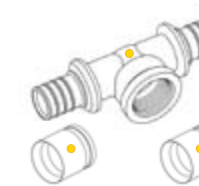
Article	Size	Package	
		Piece/Box	
167446*	16	10 / 10	
167456*	20	10 / 10	

* Please contact your local REHAU Sales Office for availability.

NO 'O'-RING	No 'O'-rings	100% TESTED	Each fitting has been 100% tested	
DZR BRASS	German engineered DZR brass	👁	Joint verified by visual inspection	

3.　ACCESSORY

Gas ID label for system identification at installation site

Article	Size	Package	
		Piece/Box	
166099	90 x 40 mm	50 / 500	

4. ORDER CHECKLIST

Article	Product	Quantity	Price
PIPES			
RAUTITAN gas stabil pipes for gas application			
166006-005	16.2 x 2.6 straight	....	....
166016-005	20 x 2.9 straight	....	....
166026-005	24 x 3.7 straight	....	....
166036-005	32 x 4.7 straight	....	....
166046-005	40 x 6.0 straight	....	....
166006-100	16 x 2.6 coil	....	....
166016-100	20 x 2.9 coil	....	....
166026-025	25 x 3.7 coil	....	....
166036-525	32 x 4.7 coil	....	....
RAUGUARD for pipe protection			
166076-001	16/20	....	....
166086-001	25	....	....
166096-001	32	....	....
166097-001	40	....	....
166098-001	40+	....	....
Protective conduit (PE) for pipe protection			
180252-050	16	....	....
180262-050	20	....	....
180282-025	32	....	....
FITTINGS			
Compression sleeve			
166106	16	....	....
166116	20	....	....
166126	25	....	....
166136	32	....	....
166146	40	....	....
Connection barb set			
167006	16 - L15	....	....
167016	20 - L20	....	....
167026	25 - L20/25	....	....
167036	32 - L25/32	....	....
167046	40 - 32/40	....	....
No. 1 straight coupling set			
166206	16	....	....
166216	20	....	....
166226	25	....	....
166236	32	....	....
166246	40	....	....
No. 1R reducing coupling set			
166506	20 - 16	....	....
166009	25 - 16	....	....
166516	25 - 20	....	....
166526	32 - 25	....	....
166536	40 - 32	....	....
166546	40 - 25	....	....
No. 2 straight connector, female thread			
166806	16 - Rp½" Fl	....	....
166826	20 - Rp¾" Fl	....	....
166836	25 - Rp¾" Fl	....	....
166846	25 - Rp1" Fl	....	....
166866	32 - Rp1" Fl	....	....
166876	40 - Rp1¼" Fl	....	....
No. 3 straight connector, male thread			
167206	16 - R½" Ml	....	....
167216	20 - R½" Ml	....	....
167226	20 - R¾" - L 15 Ml	....	....
167256	25 - R¾" - L 18 Ml	....	....
167286	32 - R1" - L 22 Ml	....	....
167296	40 - R1¼" Ml	....	....

Article	Product	Quantity	Price
No. 12 elbow 90° set			
166306	16	....	....
166316	20	....	....
166326	25	....	....
166336	32	....	....
166346	40	....	....
No. 13 elbow adapter set, male thread			
167406	20 - R½" Ml	....	....
167416	20 - R¾" Ml	....	....
167176	25 - R¾" Ml	....	....
167426	25 - R1" Ml	....	....
167186	32 - R1" Ml	....	....
167196	40 - R1¼" Ml	....	....
No. 15 BP wall mounted elbow set, female thread			
166906	16 - Rp½" short Fl	....	....
166926	20 - Rp¾" short Fl	....	....
166946	25 - Rp1" short Fl	....	....
166956	32 - Rp1" short Fl	....	....
166966	32 - Rp1¼" short Fl	....	....
166976	40 - Rp1¼" short Fl	....	....
No. 19 BP wall mounted elbow set, male thread			
167106	16 - R½" ext. 90 mm Fl	....	....
167116	16 - R½" ext. 200 mm Fl	....	....
167126	20 - R½" ext. 95 mm Fl	....	....
167136	20 - R½" ext. 200 mm Fl	....	....
No. 24 T-piece set			
166406	16	....	....
166416	20	....	....
166426	25	....	....
166436	32	....	....
166446	40	....	....
No. 25 T-piece set, reduced centre			
166606	20 - 16 - 20	....	....
166616	25 - 16 - 25	....	....
166626	25 - 20 - 25	....	....
166636	32 - 16 - 32	....	....
166646	32 - 20 - 32	....	....
166656	32 - 25 - 32	....	....
No. 26 T-piece set, reduced end			
167386	20 - 20 - 16	....	....
166666	25 - 25 - 16	....	....
166676	32 - 32 - 25	....	....
No. 27 T-piece set, reduced centre and end			
167396	20 - 16 - 16	....	....
166686	25 - 16 - 16	....	....
166716	32 - 25 - 25	....	....
No. 27 T-piece set, unequal reduced centre and end			
166008	25 - 16 - 20	....	....
167436	25 - 20 - 16	....	....
166696	32 - 25 - 20	....	....
No. 30 T-piece set, female threaded centre			
166736	25 - Rp¾" Fl - 25	....	....
166766	32 - Rp1" Fl - 32	....	....
166786	40 - Rp1¼" Fl - 40	....	....
No. 61 stopper set			
167446	16	....	....
167456	20	....	....
ACCESSORY			
Gas ID label for system identification at installation site			
166099	90 x 40 mm	....	....

NOTES

RAUTITAN HYDRONIC HEATING SERVICES
PRODUCT LIST

New!

Modular polymer
manifold

Universal
flow temp.

RAUTITAN HYDRONIC HEATING SERVICES
THE SYSTEM

Fonterra - Hamilton, New Zealand

Drawing on over 50 years experience in the plumbing and heating industry across the globe, REHAU has developed a comprehensive hydronic heating solution that systematically addresses the needs of designers, installers, builders and homeowners alike.

RAUTITAN Hydronic Heating is an integrated system consisting of the world class RAUTITAN PE-Xa piping system or RAUTITAN stabil composite pipe, solid brass and modular polymer manifolds, numerous floor systems to meet almost any installation challenge, and a flexible and sophisticated control system to maximise the complete system performance.

The system consists of:
- Pipe
- Manifold
- Floor system
- Controls
- Accessories

PIPE
- Secure and robust piping (PE-Xa) system and RAUTITAN stabil composite
- Complete piping solution
  (sizes 16 - 40 mm)
- Maximum protection against corrosion with EVOH oxygen barrier
- More than 50 years of expected service life
- Up to 90°C or 10 bar (1,000 kpa) operating conditions

25 year warranty*
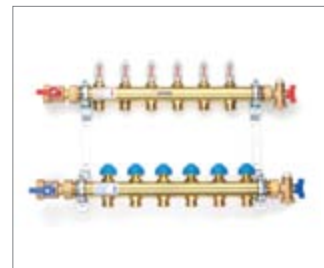
MANIFOLD
- Flexible solution for all installations - pre-assembled or modular system
- Slim line design for fixing in narrow wall spaces
- In-built flow meter for easy balancing and commissioning

NEW polymer modular manifold available

FLOOR SYSTEM
- Tacker Sheet EPS insulation board is a fast and simple clipping system, which provides superior performance for the user
- Heat Diffusion plates provide the perfect solution for suspended timber joist construction
- Floating Floor pre-routed insulation board system ensures the perfect pipe installation and excellent response time
- Suitable for new built or renovation projects

Maximise system response

* conditions apply

CONTROL
- Low voltage and simple set-up ensure each job is completed safely and with minimal time
- Plug-in modular components ensure the system is scalable to any project big or small
- Comprehensive range of modern design room thermostats with a variety of functionality specifically designed for underfloor heating!
- Comprehensive range of thermostatic and motorized zone valves
- Universal Flow Temperature Control plus optimal outdoor sensor for optimised efficiency

NEW weather compensation

ACCESSORIES
- Simple, secure and reliable compression sleeve jointing technology
- RAUTOOL – professional range of manual, battery and electric hydraulic tool kits to suit every installer's needs.
- New – RAUTOOL A3, RAUTOOL A-Light 2

1 Tool, 1 Fitting, 1 Connection... all applications

NEW – REHAU PROJECT DESIGN SERVICE
for assistance with your next project.
Australia contact   : 1300 768 033
New Zealand contact : +64 9 272 2264
Email   : designassist.anz@rehau.com

REHAU Hydronic Heating Service is suitable for residential as well as commercial and industrial projects, such as:

Cold stores

Churches

Car dealer showrooms
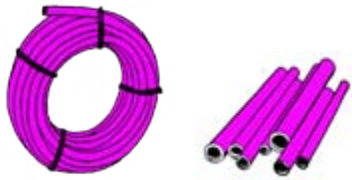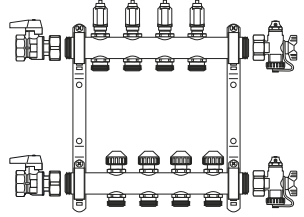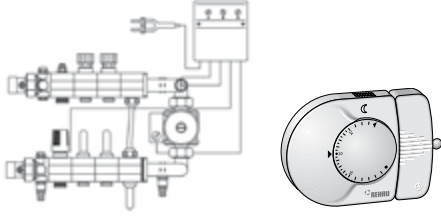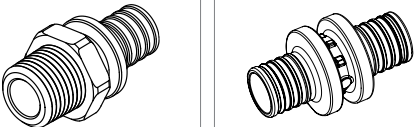
Residential buildings

Airports

Universities

TABLE OF CONTENTS

MX

PX

In locations with known problems of fitting corrosion or where the water is or is suspected to be highly corrosive (e.g. in volcanic areas, in installations using bore/well water or in applications using water with high sulphur content, etc), there is a danger that fittings corrode quickly. The suitability and warranty coverage of the RAUTITAN pipe system in such installations require a prior independent consultation with REHAU. In some cases, the accessible or nearby water quality may also void the REHAU warranty unless appropriate water treatment is provided.

---

1.   FLOOR SYSTEMS
PIPE

RAUTITAN pink pipe   PN 20   PE-Xa   O₂

RAUTITAN pink pipe is made from peroxide-crosslinked polyethylene (PE-Xa) with an oxygen barrier.

TOUGHEST PIPE on the market!
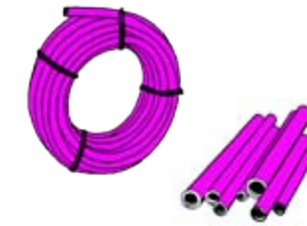
Article	Size	m/Coil	m/Length	Package (m) Coil	Straight Length
136042-006	16 x 2.2	-	6	-	60 / 600
136042-200	16 x 2.2	200	-	200	-
136052-006	20 x 2.8	-	6	-	60 / 360
136052-120	20 x 2.8	120	-	120	-
136062-006	25 x 3.5	-	6	-	30 / 240
136062-050	25 x 3.5	50	-	50	-
136072-005	32 x 4.4	-	6	-	30 / 150
136072-050	32 x 4.4	50	-	50	-
136082-006	40 x 5.5	-	6	-	12 / 108

RAUTITAN stabil pipe   PN 20   MULTI LAYER   O₂

Multi-layer pipe consisting of self-supporting pressure resistant inner layer of cross-linked polyethylene; middle layer of butt welded aluminum and polyethylene outer coating. Durable heat resistant primer provides superior adhesion performance ensuring the three layers behave as one over the service life.

UNIVERSAL PIPE for plumbing and heating applications

Article	Size	m/Coil	m/Length	Package (m) Coil	Straight Length
130071-005	16.2 x 2.6	-	5	-	100
130121-100	16.2 x 2.6	100	-	100	-
130081-005	20 x 2.9	-	5	-	50
130131-100	20 x 2.9	100	-	100	-
130141-050	25 x 3.7	50	-	50	-
130091-005	25 x 3.7	-	5	-	40
130101-005	32 x 4.7	-	5	-	25
130111-005	40 x 6.0	-	5	-	15

Note: Other pipe lengths are available for projects. Please check with your local REHAU Sales Office for availability.

[1] Non-standard item in Australia and New Zealand, please check with your local REHAU Sales Office for availability.

PN 20 Excellent long term pressure resistance	Superior temperature performance (-10°C to 100°C)	**PE-Xa** German engineered PE-Xa pipe	**O₂** Oxygen barrier for corrosion protection
MULTI LAYER Multi-layer: PE-X/Al/PE			

Brass flow meter manifold system

Solid brass manifolds delivered pre-assembled and ready to install. Comprising 2 x 1" flow and return sections mounted on galvanised brackets. Well engineered robust construction and slim dimensions facilitate fixing in narrow wall spaces. (For connection to pipe, see manifold unions on page 51). Circuit screw connections ¾" external thread euro-cone for polymer or multi-layer pipes.

In the context of constantly improving our products, REHAU have been able to improve the flow meter manifolds. Individual circuits can now be closed off by turning the heads of the flow meters.

Each manifold set includes:
- Combined flow meter and quick-stop
- 2x 1" isolating ball valves with washers
- 2x combination isolating / venting and drain valves with washers
- Galvanised brackets with sound insullation inserts
- Labels for identifying circuits
- 1x balancing key
- 1x set of fixing screws

Article	Description	Package Piece
240021	Brass flow meter manifold system - HKV - D 2 (2 port)	1
240031	Brass flow meter manifold system - HKV - D 3 (3 port)	1
240041	Brass flow meter manifold system - HKV - D 4 (4 port)	1
240051	Brass flow meter manifold system - HKV - D 5 (5 port)	1
240061	Brass flow meter manifold system - HKV - D 6 (6 port)	1
240071[1]	Brass flow meter manifold system - HKV - D 7 (7 port)	1
240081	Brass flow meter manifold system - HKV - D 8 (8 port)	1
240091[1]	Brass flow meter manifold system - HKV - D 9 (9 port)	1
240101	Brass flow meter manifold system - HKV - D 10 (10 port)	1
240111[1]	Brass flow meter manifold system - HKV - D 11 (11 port)	1
240121	Brass flow meter manifold system - HKV - D 12 (12 port)	1
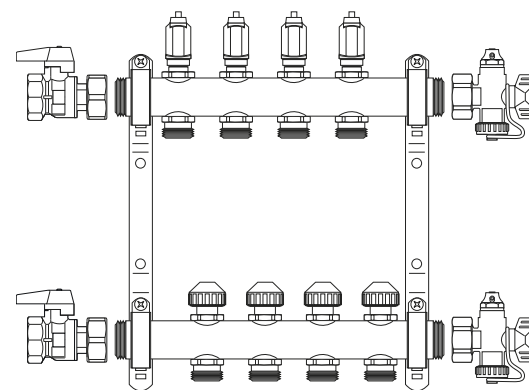
[1] Non-standard item in Australia and New Zealand. Please check with your local REHAU Sales Office for availability.

SOLID BRASS — Solid brass
Pre-assembled on brackets
Two-sided manifold connection possible
Slim dimensions facilitate fixing in narrow wall spaces

Polymer manifold system[2]
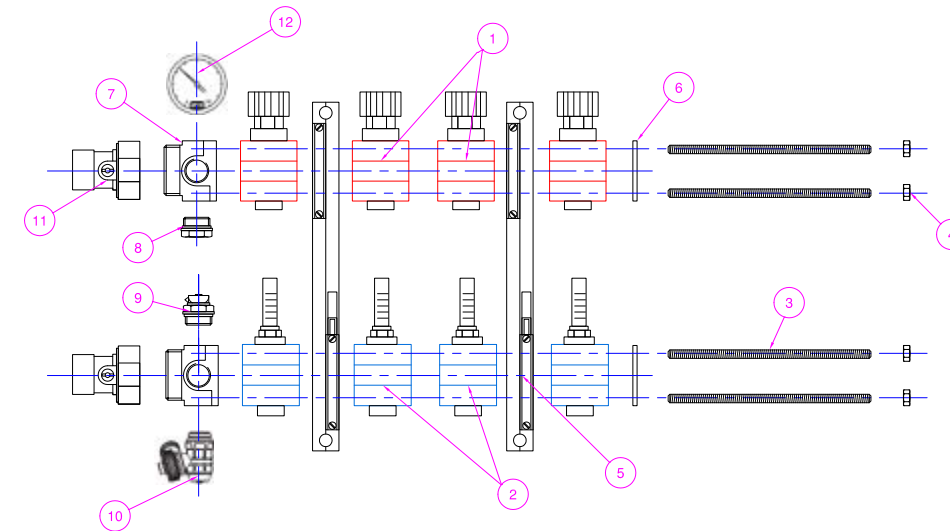
REHAU introduces a NEW modular polymer manifold for the ultimate on-site flexibility. Arrange any combination of blocks to achieve the desired number of ports.

Individual modules are made of reinforced fibreglass and thermal resistant polymer material with integrated air chambers. To differentiate between inlet and outlet, modules are available in red and blue. Operating temperature from -20°C to +90°C. Supply module with integrated shut-off, change over to actuator possible. Return module with integrated, adjustable flowmeter, lead-sealable cap.

Connection block with 1½" exernal thread, 1" internal thread, 4 additional ½" holes for air vent, fill and drain valve, thermometer. Service connection right or left possible. Circuit screw connections ¾" male thread euro-cone for polymer or multi-layered compound pipes.

Polymer Manifold Component Matrix

No.	Description	Article	Minimum Quantity
1.	Polymer inlet block - red	302036-001	1x per loop
2.	Polymer return block - blue	302037-001	1x per loop
3.	Threaded rod M8 x 1,000 mm	302045-001	4x per manifold
4.	M8 nuts *	only supplied in set	4x per manifold
5.	Universal wall holder *	299856-115	1x per manifold
6.	End plates *	only supplied in set	2x per manifold
7.	Connection blocks *	only supplied in set	2x per manifold
8.	Plug ½" male thread *	299856-114	4x per manifold
9.	Manual air vent ½" male thread *	299856-113	2x per manifold
10.	Fill and Drain valve G½" with hose connection ¾" *	299856-111	2x per manifold
11.	Ball valve 1½" union nut x 1" female thread *	299856-112	2x per manifold
	Identification plate with plastic holder set, 20 pcs *	299856-117	1x per manifold
12.	Temperature gauges *	only supplied in set	
	Ball valve ¾" union nut x ¾" male thread (euro-cone)	299856-110	
	Hexagon key SW5 (to operate 1½" and ¾" ball valves)	299856-116	1x per 299856-112
	* Available in Connection set 4	302433-001	

[2] Non-standard system in New Zealand. Please check with your local REHAU Sales Office for availability.

NEW modular manifold

-20° to +90°C Temperature resistant
Low pressure loss
Lightweight
Reduced heat loss

1. FLOOR SYSTEMS
POLYMER MANIFOLD

Manifold inlet block - red

Single module with shut-off, manual regulation, O-ring seal and pressure tested.

Article	Description	Package Piece
302036-001	Manifold inlet block - red with O-ring seal	1

Suitable for cooling application

Manifold return block - blue

Single module with flowmeter, lead-sealable cap, O-ring seal and pressure tested.

Article	Description	Package Piece
302037-001	Manifold return block - blue with red indicator	1
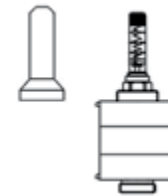
Threaded rod

Threaded bar M8 x 1,000 mm galvanized for manifolds up to 17 circuits.

Article	Description	Package Piece
302045-001	Threaded rod - M8 (Dia) x 1,000 mm (L)	1

Connection set 4 for polymer manifold modules

Includes:
- 2x Connection blocks
- 2x End plates
- 4x Nuts M8
- 1x set Universal holder (without installation kit)
- 2x Manual air vents ½"
- 2x Plugs ½"
- 2x Fill and Drain valve G½" with hose connection ¾"
- 2x Ball valves 1½" union nut x 1" female thread
- 2x Temperature gauges
- 20x Identification plates

Article	Description	Package Piece
302433-001	Connection set 4 for polymer manifold modules	1

Ball valve with ¾" union nut x ¾" male thread (euro-cone)

To manually shut off individual manifold circuits.
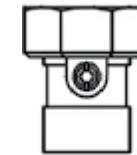
Article	Description	Package Piece
299856-110	Ball valve with G¾" union nut x G¾" B male thread (euro-cone)	1

Fill and Drain valve with hose connection ¾"

Article	Description	Package Piece
299856-111	Fill and Drain valve G½" B with hose connection ¾"	1

Ball valve 1½" union nut x 1" female thread

To shut off the service connection.
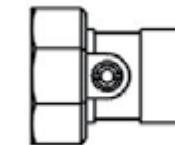
Article	Description	Package Piece
299856-112	Ball valve G1½" union nut x G1" female thread	1

Manual air vent ½" male thread

Article	Description	Package Piece
299856-113	Manual air vent G½" B male thread	1

Plug ½" male thread

Article	Description	Package Piece
299856-114	Plug G½" B male thread	2
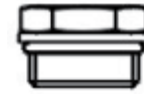
Universal wall holder

Article	Description	Package Piece
299856-115	Universal wall holder - 103 to 115 mm (H) 1 set of 2x brackets	1

Hexagon key SW5

To open or close the ball valve 1½" and ¾" union nut, see page 49.

Article	Description	Package Piece
299856-116	Hexagon key SW5	1

Circuit identification plate set

20x printed tags (kitchen, bathroom, etc.).

Article	Description	Package Piece
299856-117	Circuit identification plate set - set of 20 pcs	1 / 10

Manifold unions for RAUTITAN pink

Brass manifold union to connect RAUTITAN pink pipe to manifold systems, include split brass ring and compression nut. Integral fitting/insert design provides positive clamping and sealing action with split compression ring.
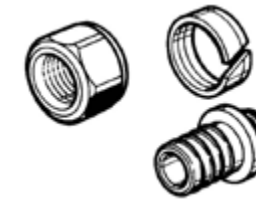
Article	Description	Package Bag/Box
266352	Manifold unions for RAUTITAN pink - 16 x 2.2 mm	10 / 100
266362	Manifold unions for RAUTITAN pink - 20 x 2.8 mm	10 / 100

Manifold unions for RAUTITAN stabil

Brass manifold union to connect RAUTITAN stabil pipe to manifold systems, include insert with O-ring, polymer olive, polymer separator and compression nut.
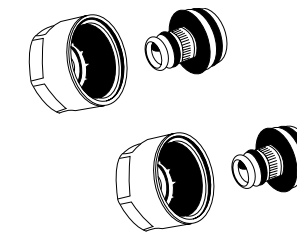
Article	Description	Package Piece
266452	Manifold unions for RAUTITAN stabil - 16.2 x 2.6 mm	2 / 100
266462	Manifold unions for RAUTITAN stabil - 20 x 2.9 mm	2 / 100

In-line thermometer

¾" euro-cone connection.
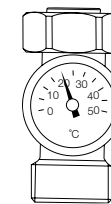
Article	Description	Package Piece
240001	In-line thermometer - 0° to 50°	1

Pressure gauge G¼"

Article	Description	Package Piece
246879	Pressure gauge G¼" - 0 bar to 10 bar	1

Tacker floor system[2]

The Tacker Floor System consists of a pipe fixing Tacker sheet, edge insulation strip, staples, a staple gun and an expansion joint. Due to its robust features it is suitable for use with liquid screed.

Maximise
system
response

Tacker sheet

The printed laying grid allows for greater flexibility and accuracy during installation.

Article	Description	Package (m²) Roll
210829	Tacker sheet - 25 mm (H) EPS SL-R - SL-grade (70 kpa compressive stress acc. AS 1366.3)	12 m (L) x 1 m (W) x 25 mm (H)
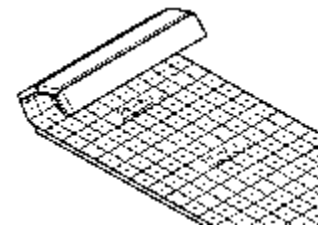
Note: Other grades and thicknesses are available on request.
* dependent on local conditions

Reduce downward
losses up to 50%*

Edge insulation strip

Made from closed cell PE foam, with a self-adhesive strip on back and foil flap, prevents moisture and water from the screed reaching the EPS floor insulation.

Article	Description	Package (m) Roll
264411	Edge insulation strip - 10 (W) x 180 (H) mm	25 / 100

Pipe fixing staple

Pipe fixing staples fasten the pipe firmly to the panel. Their optimum retaining force prevents the pipes from floating.
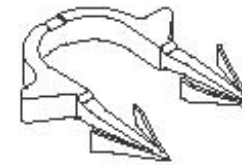
Article	Description	Package Piece
240221	Pipe fixing staple - for 16/17 mm pipe, grey	300
262373	Pipe fixing staple - for 20 mm pipe, black	300

Tacker staple gun MULTI

The staple gun allows quick and easy fastening of the pipe to the panel. Holds up to 90 staples.

Article	Description	Package Piece
227835	Tacker staple gun MULTI - for 16/17 + 20 mm staples	1

Expansion joint profile

Expansion joint is utilised to provide a thermal break between adjoining heated screeds and/or controlled zones.
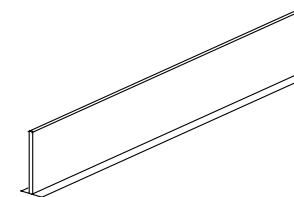
Article	Description	Package Metre
239243	Expansion joint profile - 100 (H) x 10 (W) x 1,200 (L) mm	1.2 / 24

Maximum
zone control

Tape for Floor System Tacker
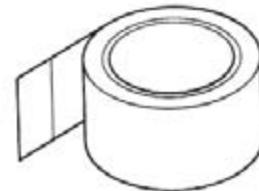
REHAU Tacker sheets.

Article	Tape for Floor System	Package Piece
261949	- 50mm (W) x 66m (L)	1 / 6

[2] Non-standard system in New Zealand. Please contact your local REHAU Sales Office for availability.

1.   FLOOR SYSTEMS
WET SYSTEM

RAUFIX system[1)]   NO TOOLS

The RAUFIX system consists of RAUFIX rails, made from Polypropylene with a pipe lift of 5mm and the RAUFIX staples to ensure firm seating of the RAUFIX rail in the floor. Pipe can be installed in either single or double meander style.

RAUFIX rail

The RAUFIX rail is available without barbs, for pipe securing on concrete parts and also with barbs to ensure exact securing in insulation panels. Both rails feature connectors which are moulded into the RAUFIX rail enabling connection of the pipe bracket without tools. Hooks on the top retaining clips of the rail guarantee firm clipping of the pipe. Securing at the connector enables reliable and quick connection of the 1m RAUFIX rail. An installation spacing of 5cm and multiples is possible.

Article	Description	Package/metre
240241	RAUFIX rail 16/17 (without barbs) -1,000mm (L) x 50mm (W)	10 / 900
244248	RAUFIX rail 16/17 (with barbs) -1,000mm (L) x 50mm (W)	10 / 900

RAUFIX staple

The specially formed barbs of the RAUFIX staple ensure firm seating of the RAUFIX rail in the floor.

Article	Description	Package/piece
259268	RAUFIX staple 50mm (L) x 20mm (Tip Spacing)	500
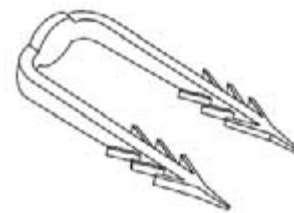
[1)] Non-standard item in Australia and New Zealand. Please check with your local REHAU Sales Office for availability.

---

1.   FLOOR SYSTEMS
DRY SYSTEM

Diffusion plate system   NO TOOLS   LOW HEIGHT

The Diffusion Plate system consists of aluminium heat transfer plates with pipe guide grooves for clip-in attachment of the pipe and integrated break points, which ensures rapid laying and saves installation time. This system is a perfect solution for new build and for refurbishments, due to its low weight suitable for suspended timber floors on joists. Suitable for pipe outer diameters 16mm.

Suitable for new build & refurbishment

Double heat diffusion plate
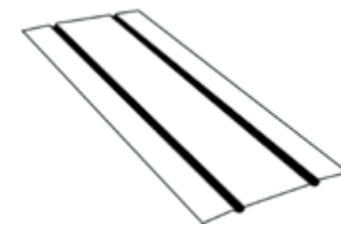
Article	Description	Pipe Spacing	Package Piece
249075	Double heat diffusion plate - 1,000 x 390 mm	200 mm centre	1 / 10
249085[1)]	Double heat diffusion plate - 500 x 390 mm	200 mm centre	1 / 10

Triple heat diffusion plate
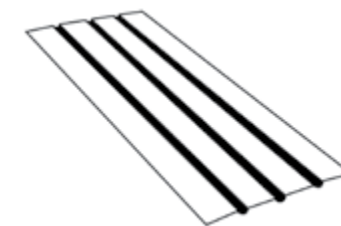
Article	Description	Pipe Spacing	Package Piece
249095[1)]	Triple heat diffusion plate - 1,000 x 390 mm	130 mm centre	1 / 10

[1)] Non-standard item in Australia and New Zealand. Please check with your local REHAU Sales Office for availability.

Lightweight   NO TOOLS No tools required   Lateral heat distribution across entire area   LOW HEIGHT Low height

1. FLOOR SYSTEMS
DRY SYSTEM

Floating floor system[3]

The Floating Floor system is intended for use with dry screed elements. The panels are made from expanded polystyrene EPS and are CFC-free. They feature factory-laminated heat diffusion aluminium profiles on the top side for inserting RAUTITAN pink pipe and maximising the transverse heat distribution. Each panel includes interlocking edges for secure and quick installation. Suitable for pipe outer diameters 16mm.

Straight panel (1,000 x 500 x 30 mm)

Article	Description Size /	Pipe Spacing	Package Piece
243994[3]	Straight panel - 1,000 x 500 x 30 mm	125 mm centre	1 / 10
246004[3]	Straight panel - 1,000 x 500 x 30 mm	250 mm centre	1 / 10
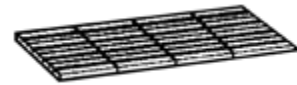
End panel (250 x 500 x 30 mm)

Article	Description	Pipe Spacing	Package Piece
246134[3]	End panel - 250 x 500 x 30 mm	125 mm centre	1 / 20
246144[3]	End panel - 250 x 500 x 30 mm	250 mm centre	1 / 20
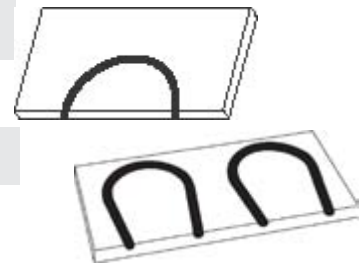
Transition panel (250 x 375 x 30 mm)

Transition panels are used for redirection of the heating pipes near bordering walls.

Article	Description	Pipe Spacing	Package Piece
240501[3]	Transition panel - 250 x 375 x 30 mm	125 - 250 mm centre	1 / 20

[3] Non-standard. Extended lead-time. Please contact your local REHAU Sales Office.

Fill panel (1,000 x 500 x 30 mm)

`LOW HEIGHT` `NEW OLD`

Fill panels are intended for the following areas: before the manifold; near projections, columns, ventilation outputs; empty areas with a non-squared ground plot.
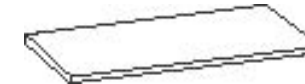
Article	Description	Package Piece
249642[3]	Fill panel (1,000 x 500 x 30 mm) - blank, no grooves	1 / 16

Groove cutter

The groove cutter is used to cut individual pipe guides into the fill panels on construction site.
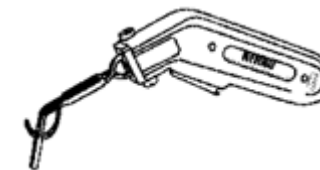
Article	Description	Package Piece
249682[3]	Groove cutter - 230 V	1

Edge insulation strip

Made from closed cell PE foam, with a self-adhesive strip on back and foil flap, prevents moisture and water from the screed reaching the EPS floor insulation.
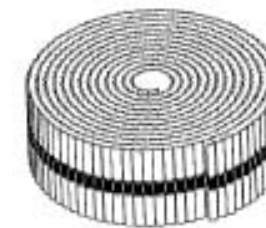
Article	Description	Package (m) Roll
264411	Edge insulation strip - 10 (W) x 180 (H) mm	25 / 100

[3] Non-standard. Extended lead-time. Please contact your local REHAU Sales Office.

`LOW HEIGHT` Low height Minimal construction height

Suitable for timber floors

`NEW OLD` Suitable for new built and refurbishments
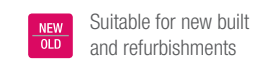
RAUMATIC M - zone control system

The RAUMATIC M zone control system is a sophisticated electronic control system which has been specifically designed to give optimum and accurate control of underfloor heating systems.

Specifically designed for underfloor heating

RAUMATIC M terminal plate

This universal terminal plate must be used with all REHAU RAUMATIC M room thermostats. For easier installation, all cable connections can be made prior to sliding on the thermostat body.

Article	Description	Package (Piece)
200296	RAUMATIC M terminal plate - backplate	1

Note: Terminal plate is not included with thermostats. Please order separately.

RAUMATIC M thermostat: Standard

The RAUMATIC M Standard is a room thermostat to control actuators using pulse width modulation. This type of control offers excellent and precise control response. Temperature can be selected in steps equivalent to ¼ of a degree Celsius. Installation and connection is done using the pre-installed RAUMATIC M terminal plate to which the thermostat can be be plugged at any time. Fixed set-back temperature of 4°C. Can control up to 5 actuators.

Article	Description	Package (Piece)
269114	RAUMATIC M thermostat: Standard - 24 V	1

RAUMATIC M thermostat: Comfort

As standard, additionally adjustable set-back temperature (e.g. at night) of 2°C to 6°C. Local override of operating mode dictated by master thermostat. Available settings:
- Slave mode (operates dictated by master)
- Permanent set-back
- Permanent day mode

Article	Description	Package (Piece)
241323	RAUMATIC M thermostat: Comfort - 24 V	1

RAUMATIC M thermostat: Comfort with external sensor

As comfort. Fixed set-back level for room temperature of 2°C. Additionally 3m long external floor temperature sensor. Two operating modes:
- Combi Mode: Control of room temperature and simultaneous independent control of minimum floor temperature
- Single Mode: Control of minimum floor temperature ONLY

Article	Description	Package (Piece)
299954	RAUMATIC M thermostat: Comfort with ext. sensor 24V, incl. 3m sensor and terminal back plate	1

Note: Minimum floor temperature can be set between 15°C and 28°C. in Combi Mode selected minimum floor temperature will be maintained even if pre-set room temperature is reached.

RAUMATIC M thermostat: Control

As comfort, additionally detachable and fully programmable time clock with up to 6 individual 'ON' / Set-back time settings. Can be used as a master for Standard or Comfort thermostats.

Article	Description	Package (Piece)
241333	RAUMATIC M thermostat: Control - 24 V	1

RAUMATIC actuator

The actuator allows individual control of circuits by opening and closing the corresponding isolating valve on the manifold. The actuator is controlled by room thermostat Standard / Comfort / Control.

Article	Description	Package Piece
241293	RAUMATIC actuator - 24 V, for brass manifolds	1
240131	RAUMATIC actuator - 24 V, for polymer manifolds	1

RAUMATIC distribution controller
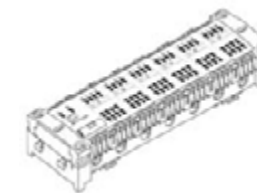
The RAUMATIC distribution controller is the centre of the RAUMATIC M zone control system. All thermostats and actuator connections terminate here. Furthermore, it provides the operating voltage for the connected devices. The entire 24 V control system is marked for easy installation, enormous system security and high control comfort. It allows a precise and comfortable temperature control in different heating zones within a building.

Article	Description	Package Piece
249147	RAUMATIC distribution controller - 24 V, incl. Transformer 230 V/24 V	1

RAUMATIC pump module
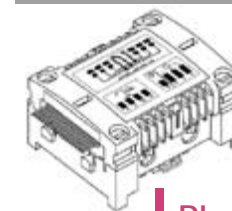
The RAUMATIC pump module is a plug-in extension module for the distribution controller, and allows in conjunction with the distribution controller for the circulation pump or other electric consumers to be switched on and off. The plug-in/clamping connections minimise installation time.

Plug & play installation

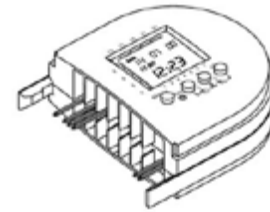| Article	Description	Package Piece
249167	RAUMATIC pump module - 24 V	1

2. CONTROLS
FLOW TEMPERATURE CONTROL

RAUMATIC time control module

The RAUMATIC time control module is a plug-in extension module for the distribution controller. Together with this extension, the complete control system comprising distribution controller, actuators and thermostats becomes a comfortable, energy-saving individual room temperature control system with individually programmable heating times.
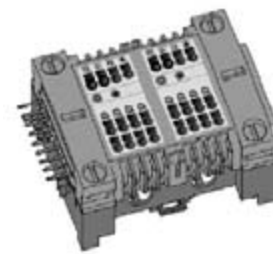
LCD display

Article	Description	Package Piece
249177	RAUMATIC time control module - 24 V	1

RAUMATIC M thermostat module

The RAUMATIC M thermostat module is a plug-in extension module for the distribution controller. It allows for extension of the control system by 2 additional room thermostats, with a maximum of 4 actuators each. The spring/clamp terminal connections minimise installation time.

Article	Description	Package Piece
244550	RAUMATIC M thermostat module - 24 V	1

RAUMATIC actuator module

The RAUMATIC actuator module is a plug-in extension module for the distribution controller. It allows for extension of an existing control system by a maximum of 8 actuators. The actuators are assigned to 1 or 2 room thermostats already connected to the dirstribution controller. This allows the control of up to 12 actuators with only 1 thermostat. The spring/clamp terminal connections minimise installation time.
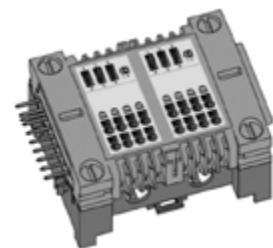
Article	Description	Package Piece
244560	RAUMATIC actuator module - 24 V	1

Fixed flow temperature compact mixer unit (for brass manifolds)
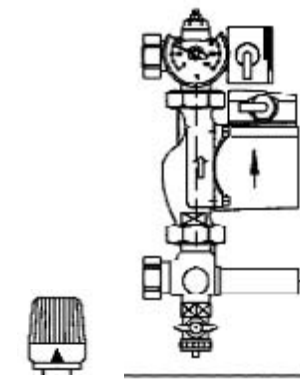
The compact mixer unit is used to supply a preselected set temperature to the REHAU brass flow meter manifold. Components are supplied ready to fit REHAU flow meter manifolds. All joints are flat sealed. It can be assembled to be connected to the supply tubings on either side and is suitable for outputs up to 18 KW.

Article	Description	Package Piece
237092	Fixed flow temperature compact mixer unit (for brass manifolds) - without valves	1

Fixed flow temperature valve set
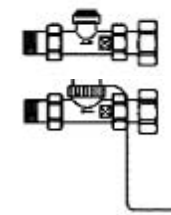
Valve set for fixed flow temperature compact mixer unit. Output up to 12 KW - 18 KW.

Article	Description	Package Piece
245130	Fixed flow temperature valve set - ¾"	1

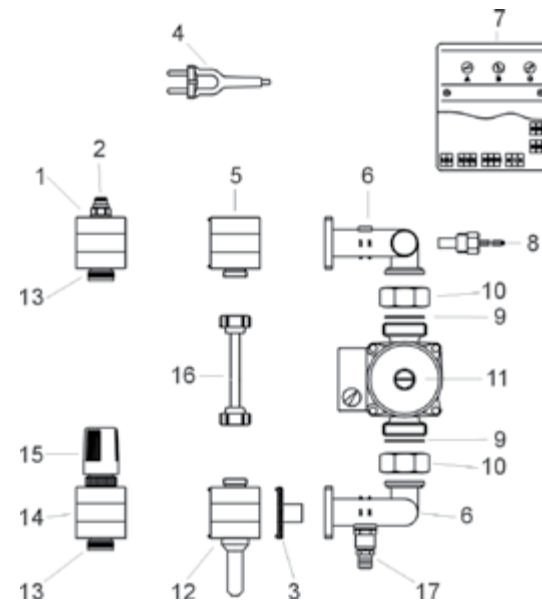## Universal flow temperature control (for polymer manifolds)[2]

The Universal Flow Temperature Control is a modern digital controller which combines the simple operation known from normal analogue devices with the precision and wide-ranging functions of a digital device. It can work in 3 different modes:

1. Outside temperature controlled flow temperature with automatic limitation of the maximum flow temperature (outdoor sensor required, see page 62).
2. Constant flow temperature.
3. Boiler controlled flow temperature.
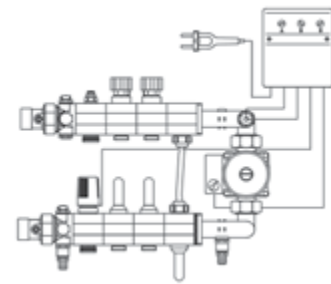
New!

3 operating modes available

No.	Components	Quantity included
1.	Throttle valve	1
2.	Adjust spindle	1
3.	Seperating plate with return valve	1
4.	Mains plug 230 V~	1
5.	Inlet flow segment	1
6.	Connectng arm for pump	2
7.	Electronic control	1
8.	Immersion sleeve with flow temperature sensor and safety temperature limiter	1
9.	Flat packing	2
10.	Union nut	2
11.	Pump	1
12.	Return flow segment DFM 177	1
13.	Locking cap ¾"	2
14.	Control valve	1
15.	Actuator 230 V~	1
16.	Bypass pipe 16 x 2 MSV-pipe with connections	1
17.	Filling and drain valve	1

Article	Description	Package Piece
302069	Universal flow temperature control (for polymer manifolds) - 230 V	1

Outdoor sensor (for polymer manifolds)[2]

The outdoor sensor is required to operate the Universal Flow Temperature Control in variable flow temperature mode.

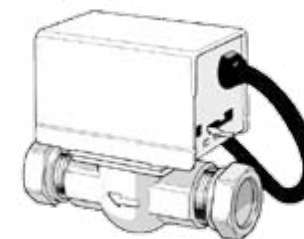| Article	Description	Package Piece
210972	Outdoor sensor (for polymer manifolds) - 230 V	1

NEW Weather Compensation

3 port mixing valve
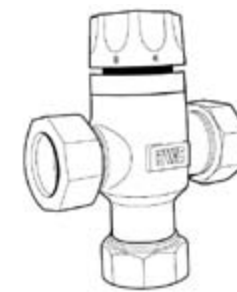
Thermostatic blending valve with compression connections. Wax capsule technology ensures stable mixed water temperature. Suitable for blending the flow and return to achieve a stable system temperature in underfloor heating systems up to 200 m^2 / 300 m^2.

Article	Description	Package Piece
298618	3 port mixing valve - 22 mm (20 KW / 200 m^2)	1
298608	3 port mixing valve - 28 mm (30 KW / 300 m^2)	1

Optimised for underfloor heating system

High flow rates

Motorised zone valve (230 V)

Accessory for fixed and universal flow temperature units. It allows for the integration of the UFH system with the domestic hot water radiator system.

Article	Description	Package Piece
230462	Motorised zone valve (230 V) - 22 mm	1
230472	Motorised zone valve (230 V) - 28 mm	1

| PX | Polymer PPSU material | MX | DZR brass material | | Permanent leak proof joint | Concealed application | All fittings suitable for concealed Installation |

3. ACCESSORIES
CONDUIT AND FITTINGS

RAUTITAN conduit

Article	Description	Package Coil (m)
137140-050[1]	RAUTITAN conduit - 16	50
137150-050[1]	RAUTITAN conduit - 20	50
137160-025	RAUTITAN conduit - 25	25

RAUTITAN PX sleeve - polymer `PX` Concealed application 25 years warranty NO 'O'-RING

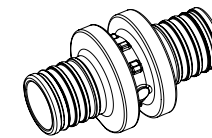| Article	Description	Package Piece
160001	RAUTITAN PX sleeve - polymer, 16	100
160002	RAUTITAN PX sleeve - polymer, 20	100
160003	RAUTITAN PX sleeve - polymer, 25	100
160004	RAUTITAN PX sleeve - polymer, 32	50
160005	RAUTITAN PX sleeve - polymer, 40	25
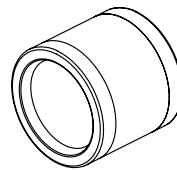
Note: If used with screed (wet system), protect against corrosion.

[1] Non-standard item in Australia and New Zealand. Please check with your local REHAU Sales Office for availability.

Joint verified by visual inspection

25 years warranty (conditions apply)

NO 'O'-RING No 'O'-rings

RAUTITAN PX no. 1 straight coupling - polymer `PX` Concealed application 25 years warranty NO 'O'-RING
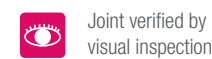
Article	Description	Package Piece/Box
160011	RAUTITAN PX no. 1 straight coupling - polymer, 16	10 / 50
160012	RAUTITAN PX no. 1 straight coupling - polymer, 20	10 / 50
160013	RAUTITAN PX no. 1 straight coupling - polymer, 25	10 / 50
160014	RAUTITAN PX no. 1 straight coupling - polymer, 32	10 / 30
160015	RAUTITAN PX no. 1 straight coupling - polymer, 40	4

RAUTITAN MX no. 2 straight connector - female thread - brass `MX` `DZR BRASS` Concealed application 25 years warranty NO 'O'-RING
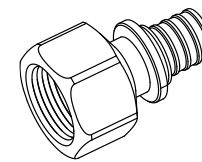
Article	Description	Package Piece
139281[1]	RAUTITAN MX no. 2 straight connector - 25 - Rp½" FI female thread, brass	10 / 50
259535	RAUTITAN MX no. 2 straight connector - 25 - Rp¾" FI female thread, brass	10 / 50
139101	RAUTITAN MX no. 2 straight connector - 32 - Rp¾" FI female thread, brass	10 / 30
139091	RAUTITAN MX no. 2 straight connector - 32 - Rp1" FI female thread, brass	10 / 30

[1] Non-standard item in Australia and New Zealand. Please check with your local REHAU Sales Office for availability.

`PX` Polymer PPSU material

`MX` DZR brass material
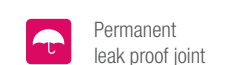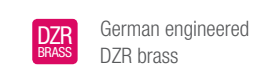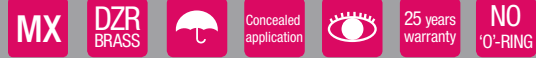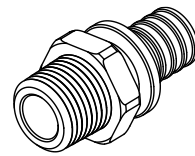
`DZR BRASS` German engineered DZR brass

Permanent leak proof joint

RAUTITAN MX no. 3 straight connector - male thread - brass

MX · **DZR BRASS** · Concealed application · 25 years warranty · **NO 'O'-RING**

Article	Description	Package Piece
139181	RAUTITAN MX no. 3 straight connector - 25 - R½" MI male thread, brass	10 / 50
259505	RAUTITAN MX no. 3 straight connector - 25 - R¾" MI male thread, brass	10 / 50
257336	RAUTITAN MX no. 3 straight connector - 25 - R1" MI male thread, brass	10 / 50
139081	RAUTITAN MX no. 3 straight connector - 32 - R¾" MI male thread, brass	10 / 30
139051	RAUTITAN MX no. 3 straight connector - 32 - R1" MI male thread, brass	10 / 30

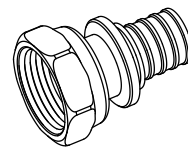## RAUTITAN MX no. 13 elbow - male thread - brass

MX · **DZR BRASS** · Concealed application · 25 years warranty · **NO 'O'-RING**

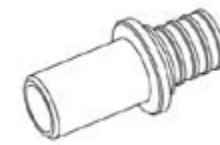| Article	Description	Package Piece
139511	RAUTITAN MX no. 13 elbow 25 - R¾" MI male thread, brass	10 / 50
137423	RAUTITAN MX no. 13 elbow 32 - R¾" MI male thread, brass	3 / 30
137433	RAUTITAN MX no. 13 elbow 32 - R1" MI male thread, brass	3 / 30

RAUTITAN MX no. 62 tap connector with gasket - brass

MX · **DZR BRASS** · Concealed application · 25 years warranty · **NO 'O'-RING**
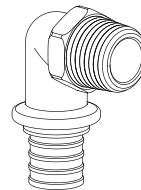
Article	Description	Package Piece
139922	RAUTITAN MX no. 62 tap connector with gasket - brass 25 - G1" FI	10 / 50
139932	RAUTITAN MX no. 62 tap connector with gasket - brass 32 - G1" FI	3 / 30

| | Concealed application | All fittings suitable for concealed Installation | | Joint verified by visual inspection | | 25 years warranty | 25 years warranty (conditions apply) | | NO 'O'-RING | No 'O'-rings |

RAUTITAN RX - Connection Barb - gunmetal

Article	Description	Package Piece
137226	Connection Barb 25 x 3.5-L22 RX	2 / 30
287196	Connection Barb 25 x 3.5-L28 RX	2 / 30

Polymer profile bend brackets 90° x 5D

Article	Description	Package Piece
297891	Polymer profile bent brackets 90° x 5D - 16	10 / 50
297892	Polymer profile bent brackets 90° x 5D - 20	10 / 50
299894-098	Polymer profile bent brackets 90° x 5D - 25	10 / 50

Pipe unwinder[1]

Galvanised steel pipe unwinder suitable for RAUTITAN pipe, RAUTITAN stabil and RAUTHERM S pipes in nominal width up to 20mm and pipe coils up to 600m.

Article	Description	Package Piece
286151	Pipe unwinder	1

[1] Non-standard item in Australia and New Zealand. Please check with your local REHAU Sales Office for availability.

4.   ORDER CHECKLIST

Article	Product	Quantity	Price
FLOOR SYSTEMS - PIPE			
RAUTITAN pink pipe			
136042-006	16 x 2.2 straight		
136042-200	16 x 2.2 coil		
136052-006	20 x 2.8 straight		
136052-120	20 x 2.8 coil		
136062-006	25 x 3.5 straight		
136062-050	25 x 3.5 coil		
136072-006	32 x 4.4 straight		
136072-050	32 x 4.4 coil		
136082-006	40 x 5.5 straight		
RAUTITAN stabil pipe			
130071-005	16.2 x 2.6 straight		
130121-100	16.2 x 2.6 coil		
130081-005	20 x 2.9 straight		
130131-100	20 x 2.9 coil		
130141-050	25 x 3.7 coil		
130091-005	25 x 3.7 straight		
130101-005	32 x 4.7 straight		
130111-005	40 x 6.0 straight		
FLOOR SYSTEMS - BRASS MANIFOLD			
Brass flow meter manifold system			
240021	HKV - D 2 (2 port)		
240031	HKV - D 3 (3 port)		
240041	HKV - D 4 (4 port)		
240051	HKV - D 5 (5 port)		
240061	HKV - D 6 (6 port)		
240071	HKV - D 7 (7 port)		
240081	HKV - D 8 (8 port)		
240091	HKV - D 9 (9 port)		
240101	HKV - D 10 (10 port)		
240111	HKV - D 11 (11 port)		
240121	HKV - D 12 (12 port)		
FLOOR SYSTEMS - POLYMER MANIFOLD			
Manifold inlet block - red			
302036	red with O-ring seal		
Manifold return block - blue			
302037	blue with red indicator		
Threaded rod			
302045	M8 x 1,000 mm		
Connection set 4 for polymer manifold modules			
302433	-		
Ball valve with ¾" union nut x ¾" male thread (euro-cone)			
299856-110	G¾" x G¾" B		
Fill and drain valve with hose connection ¾"			
299856-111	G½" B x ¾"		
Ball valve 1½" union nut x 1" female thread			
299856-112	G1½" x G1"		
Manual air vent ½" male thread			
299856-113	G½" B		
Plug ½" male thread			
299856-114	G½" B		
Universal wall holder			
299856-115	103 - 115 mm, 1 set of 2x brackets		

Article	Product	Quantity	Price
Hexagon key SW5			
299856-116	-		
Circuit identification plate set			
299856-117	set of 20 pcs		
FLOOR SYSTEMS - MANIFOLD ACCESSORIES			
Manifold unions for RAUTITAN pink			
266352	16 x 2.2 mm		
266362	20 x 2.8 mm		
Manifold unions for RAUTITAN stabil			
266452	16.2 x 2.6 mm		
266462	20 x 2.9 mm		
In-line thermometer			
240001	0° - 50°		
Pressure gauge G¼"			
246879	0 bar - 10 bar		
FLOOR SYSTEMS - WET SYSTEM			
Tacker sheet			
210829	25 mm EPS SL-R		
Edge insulation strip			
264411	10 x 180 mm		
Pipe fixing staple			
240221	for 16 mm pipe, grey		
262373	for 20 mm pipe, black		
Tacker staple gun MULTI			
227835	for 16 + 20 staples		
Expansion joint profile			
239243	100 x 10 x 1,200 mm		
RAUFIX rail 16/17			
240241	1000 x 50 mm		
RAUFIX rail 16/17 with barbs			
244248	1000 x 50 mm		
RAUFIX staple			
259268	50 x 20 mm		
FLOOR SYSTEMS - DRY SYSTEM			
Double heat diffusion plate			
249075	1,000 x 390 mm, 200 mm centre		
249085	500 x 390 mm, 200 mm centre		
Triple heat diffusion plate			
249095	1,000 x 390 mm, 130 mm centre		
Straight panel (1,000 x 500 x 30 mm)			
243994	125 mm centre		
246004	250 mm centre		
End panel (250 x 500 x 30 mm)			
246134	125 mm centre		
246144	250 mm centre		
Transition panel (250 x 375 x 30 mm)			
240501	125 - 250 mm centre		

70

Article	Product	Quantity	Price
Fill panel (1,000 x 500 x 30 mm)			
249642	blank, no grooves		
Groove cutter			
249682	230 V		
Edge insulation strip			
264411	10 x 180 mm		
Tape			
261945	50 x 66 mm		
CONTROLS - ZONE CONTROL			
RAUMATIC M terminal plate			
200296	backplate		
RAUMATIC M thermostat: Standard			
269114	24 V		
RAUMATIC M thermostat: Comfort			
241323	24 V		
RAUMATIC M thermostat: Comfort (with ext. sensor)			
299954	24 V		
RAUMATIC M thermostat: Control			
241333	24 V		
RAUMATIC actuator			
241293	24 V - for brass manifolds		
240131	24 V - for polymer manifolds		
RAUMATIC distributor controller			
249147	24 V, incl. Transformer 230 V/24 V		
RAUMATIC pump module			
249167	24 V		
RAUMATIC time control module			
249177	24 V		
RAUMATIC M thermostat module			
244550	24 V		
RAUMATIC actuator module			
244560	24 V		
CONTROLS - FLOW TEMPERATURE CONTROL			
Fixed flow temperature compact mixer unit (for brass manifolds)			
237092	without valves		
Fixed flow temperature valve set			
245130	¾"		
Unviersal flow temperature control (for polymer manifolds)			
302069	230 V		
Outdoor sensor (for polymer manifolds)			
210972	230 V		
3 port mixing valve			
298618	22 mm (20 KW / 200m²)		
298608	28 mm (30 KW / 300m²)		
Motorised zone valve (230 V)			
230462	22 mm		
230472	28 mm		

Article	Product	Quantity	Price
ACCESSORIES - CONDUIT			
RAUTITAN conduit			
137140	16		
137150	20		
137160	25		
ACCESSORIES - FITTINGS			
RAUTITAN PX sleeve - polymer			
160001	16		
160002	20		
160003	25		
160004	32		
160005	40		
RAUTITAN PX no. 1 straight coupling - polymer			
160011	16		
160012	20		
160013	25		
160014	32		
160015	40		
RAUTITAN MX no. 2 straight connector - female thread - brass			
139281	25 - Rp½" FI		
259535	25 - Rp¾" FI		
139101	32 - Rp¾" FI		
139091	32 - Rp1" FI		
RAUTITAN MX no. 3 straight connector - male thread - brass			
139181	25 - R½" MI		
259505	25 - R¾" MI		
257336	25 - R1" MI		
139081	32 - R¾" MI		
139051	32 - R1" MI		
RAUTITAN MX no. 13 elbow - male thread - brass			
139511	25 - R¾" MI		
137423	32 - R¾" MI		
137433	32 - R1" MI		
RAUTITAN MX no. 62 tap connector with gasket - brass			
139922	25 - G1" FI		
139932	32 - G1" FI		
RAUTITAN RX - Connection barb - gunmetal			
137226	25 x 3.5 - L22		
287196	25 x 3.5 - L28		
Polymer profile bent brackets 90° x 5D			
297891	16		
297892	20		
299894	25		
Pipe unwinder			
286151			

NOTES

![REHAU logo — Unlimited Polymer Solutions]

RAUTOOL AND ACCESSORIES
PRODUCT LIST

Construction

Automotive

Industry

REHAU's comprehensive range of tools and accessories allows quick and reliable installation that suits all kinds of site conditions.
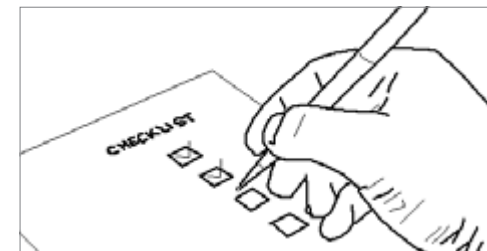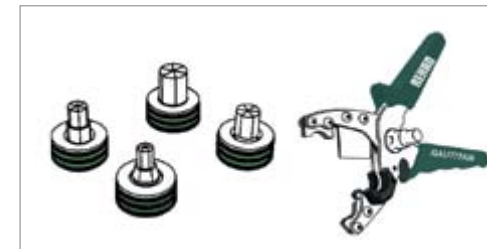
Choose the different operational tools with all necessary accessories from the wide range of RAUTOOL kits available.

Complete with the right tools and accessories that are available for all kinds of site conditions, RAUTITAN system installation is one of the most efficient and economical plumbing installations around.

DURABLE, RELIABLE AND EASY TO INSTALL!

Plumbers can rely on REHAU technology as a solution for all their piping needs. Pipe installation has become faster, easier and safer.

TABLE OF CONTENTS

In locations with known problems of fitting corrosion or where the water is or is suspected to be highly corrosive (e.g. in volcanic areas, in installations using bore/well water or in applications using water with high sulphur content, etc), there is a danger that fittings corrode quickly. The suitability and warranty coverage of the RAUTITAN pipe system in such installations require a prior independent consultation with REHAU. In some cases, the accessible or nearby water quality may also void the REHAU warranty unless appropriate water treatment is provided.

1. RAUTOOL

RAUTOOL M1
√ Gas
√ Heating
√ Water

Article	Description	Package Set
137764	RAUTOOL M1 kit, manual	1

Content of RAUTOOL M1 kit
137304	Compression tool inclusive of holding pins set	
137744	Compression jaws, manual: 16 / 20	
139592	Expander tool RO inclusive of cleaning brush and lubricant gel	
204219	Dual Expander head 16 x 2.2 RO / 20 x 2.8 RO	
247474	Pipe cutter 16-20 stabil	
138062	Pipe cutter 40 stabil	
137415	Transport case	
850.625	Operating instructions	

RAUTOOL H2
√ Gas
√ Heating
√ Water

Article	Description	Package Set
202484	RAUTOOL H2 kit, mechanical hydraulic	1

Content of RAUTOOL H2 kit
-	Compression tool inclusive of holding pins set, foot pump HFP 12 and hydraulic hose 3.5 m	
139361	Compression jaws, hydraulic: 16 / 20	
139592	Expander tool RO inclusive of cleaning brush and lubricant gel	
204219	Dual Expander head 16 x 2.2 RO / 20 x 2.8 RO	
247474	Pipe cutter 16-20 stabil	
138062	Pipe cutter 40 stabil	
297500	Transport case	
850.646	Operating instructions	
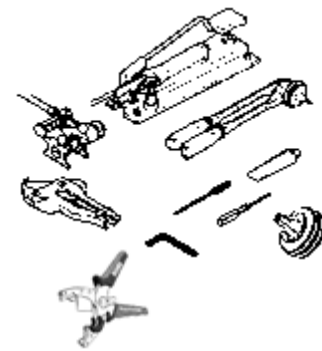
RAUTOOL A3
√ Gas
√ Heating
√ Water

Article	Description	Package Set
200000	RAUTOOL A3 kit, battery operated	1

Content of RAUTOOL A3 kit
-	Compression tool inclusive of holding pins set, Li-ion battery (1 pcs) and battery charger (1 pc)	
139361	Compression jaws, hydraulic: 16 / 20	
139592	Expander tool RO inclusive of cleaning brush and lubricant gel	
204219	Dual Expander head 16 x 2.2 RO / 20 x 2.8 RO	
247474	Pipe cutter 16-20 stabil	
138062	Pipe cutter 40 stabil	
-	Transport case	
856.613	Operating instructions	

New!

1) Not suitable for RAUTITAN stabil

√ Gas √ Heating √ Water — Compression tools are suitable for water, gas and heating applications

78

RAUTOOL A-Light2
√ Gas
√ Heating
√ Water

Article	Description	Package Set
203915	RAUTOOL A-Light2 kit, battery operated	1

Content of RAUTOOL A-Light2 kit
-	Basic tool inclusive of holding pins set, Li-ion battery (1 pc) and battery charger (1 pc)	
139361	Compression Jaws, hydraulic: 16/20	
139592	Expander tool RO with cleaning brush and lubricant gel	
204219	Dual Expander head 16 x 2.2 RO / 20 x 2.8 RO	
247474	Pipe cutter 16-20 stabil	
138062	Pipe cutter 40 stabil	
-	Transport case	
-	Guarantee card	
856.609	Operating instructions	
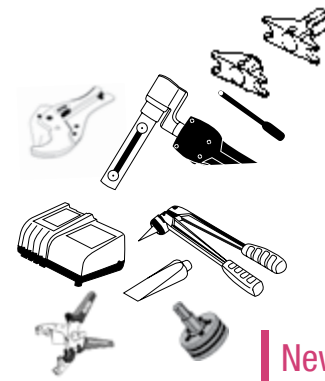
New!

RAUTOOL E3
√ Gas
√ Heating
√ Water

Article	Description	Package Set
203917	RAUTOOL E3 kit, electro hydraulic	1

Content of RAUTOOL E3 kit
-	Compression tool inclusive of holding pins set, electric pump HMP 1 and hydraulic hose 4 m, Li-ion battery (1pc) and battery charger (1pc)	
139361	Compression jaws, hydraulic: 16 / 20	
139592	Expander tool RO inclusive of cleaning brush and lubricant gel	
204219	Dual Expander head 16 x 2.2 RO / 20 x 2.8 RO	
247474	Pipe cutter 16-20 stabil	
138062	Pipe cutter 40 stabil	
248441	Transport case	
850.651	Operating instructions	

New!

RAUTOOL G2
√ Gas
√ Heating
√ Water

Article	Description	Package Set
203599	RAUTOOL G2 kit, electro hydraulic	1

Content of RAUTOOL G2 kit
-	Compression tool inclusive of holding pins set, electric pump HMP 1 and hydraulic hose 4 m, Li-ion battery (1pc) and battery charger (1pc)	
137624	Compression jaws, G1: 50	
137634	Compression jaws, G1: 63	
139891	Expander head G1: 50 x 6.9	
139901	Expander head G1: 63 x 8.6	
138220	Deburrer	
139092	Pipe cutter 63	
137724	Transport case	
856.695	Operating instructions	
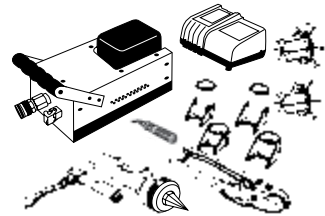
New!

79

1. RAUTOOL - COMPRESSION TOOL
2. ACCESSORIES
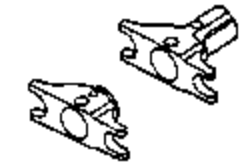
RAUTOOL HG1
✓ Gas ✓ Heating ✓ Water

Article	Description	Package Set
137425	RAUTOOL HG1 kit, mechanical hydraulic	1

Content of RAUTOOL HG1 kit

856.690	Operating instructions	
137724	Transport case	
139092	Pipe cutter 63	
137904	Cylinder 50 - 110 with handle	
138132	HG1 foot pump: HFP 14/22	
139382	Hydraulic hose 4 m	
137624	Compression jaws, G1: 50	
137634	Compression jaws, G1: 63	
137914	Expander set inclusive of locking nut and holding pins set	
139891	Expander head G1: 50 x 6.9 RO	
139901	Expander head G1: 63 x 8.6 RO	
138990	Deburrer	

Pipe cutter
✓ Gas ✓ Heating ✓ Water

Article	Size	Package Piece
247474	16 - 20 (stabil)	1
247464	Spare blade for 16 - 20 (stabil) [article no. 247474-001]	1
137495 1)	16 - 25	1
138062	16 - 40 (25 - 40 stabil)	1
138072	Spare blade for 16 - 40 (25 - 40 stabil) [article no. 138062]	
139092	40 - 63	
137435	Spare blade for 40-63 [article no. 139092]	1

16 - 20 (stabil)   16 - 25

16 - 40 (25 - 40 stabil)   40 - 63

Compression jaws for RAUTOOL M1
✓ Gas ✓ Heating ✓ Water

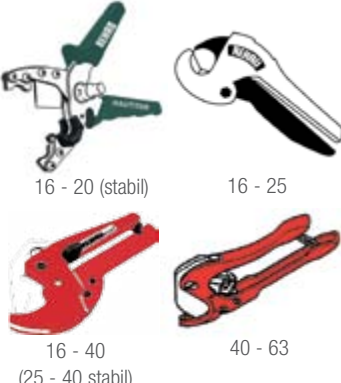| Article	Size	Package Piece/Box
137744	16 / 20	1
137364	25 / 32	1
201798	40	1

✓ Gas ✓ Heating ✓ Water
Compression tools are suitable for water, gas and heating applications

2. ACCESSORIES

Compression jaws for RAUTOOL H2, A3, A-Light2, E3
✓ Gas ✓ Heating ✓ Water

Article	Size	Package Piece/Box
139361	16 / 20	1
257259	25 / 32	1
201801	40	1

Compression jaws for RAUTOOL G2, HG1
✓ Gas ✓ Heating ✓ Water

Article	Size	Package Piece
201802	40	1
137624	50	1
137634	63	1

Supplementary kit for RAUTOOL M1
✓ Gas ✓ Heating ✓ Water

Article	Size	Package Set
201804	40	1

Content of Supplementary kit for RAUTOOL M1

201798	Compression jaws, manual: 40	
137344 1)	Expander bit, 40 x 5.5	

Supplementary kit for RAUTOOL H2, A3, A-Light2, E3
✓ Gas ✓ Heating ✓ Water

Article	Size	Package Set
201803	40	1

Content of Supplementary kit for RAUTOOL H2, A3, E3, A-Light2

201801	Compression jaws, hydraulic: 40	
244611 1)	Expander bit, 40 x 5.5	

Expander tool (to suit expander heads 16 - 32)
✓ Gas ✓ Heating ✓ Water

Article	Description	Package Piece
139592	Expander tool RO inclusive of cleaning brush and lubricant gel	1

2. ACCESSORIES

Expander head

Article	Size Piece	Package
204219	Dual 16 x 2.2 / 20 x 2.8 RO (NEW)	1
139602 [1]	16 x 2.2 RO	1
139612 [1]	20 x 2.8 RO	1
139622 [1]	25 x 3.5 RO	1
139632 [1]	32 x 4.4 RO	1
244571	16.2 x 2.6 RO stabil	1
244581	20 x 2.9 RO stabil	1
244591	25 x 3.7 RO stabil	1
244601	32 x 4.7 RO stabil	1

Expander bit

Article	Size	Package Piece/Box
137344 [1]	40 x 5.5 (M1)	1
244611 [1]	40 x 5.5 (H2, A3, E3, A-Light2)	1
248401	Dual 16 x 2.2 / 20 x 2.8 (A3, E3, A-Light2)	1
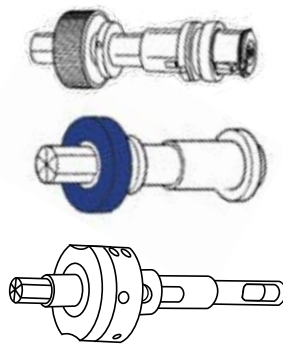
Expander bit (stabil)

Article	Size	Package Piece/Box
247644	40 x 6.0 RO stabil	1

Universal expander

Article	Size	Package Piece/Box
247504	25 / 32 RO	1
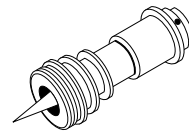
[1] Not suitable for RAUTITAN stabil

Compression tools are suitable for water, gas and heating applications

Expander head for RAUTOOL G2, HG1

Article	Size	Package Piece
139881 [1]	G2: 40 x 5.5	1
139891	G2: 50 x 6.9	1
139901	G2: 63 x 8.6	1
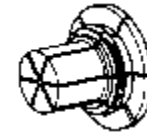
Supplementary expander kit (stabil)

Article	Size	Package Set
247524	16 - 32 stabil	1

Content of supplementary expander kit (stabil)

244571	Expander head 16.2 x 2.6 RO stabil
244581	Expander head 20 x 2.9 RO stabil
244591	Expander head 25 x 3.7 RO stabil
244601	Expander head 32 x 4.7 RO stabil
247474	Pipe cutter 16 - 20 stabil

3.   ORDER CHECKLIST

Article	Product	Quantity	Price
RAUTOOL			
RAUTOOL M1			
137764	RAUTOOL M1 kit, manual	....	....
RAUTOOL H2			
202484	RAUTOOL H2 kit, mechanical hydraulic	....	....
RAUTOOL A3			
200000	RAUTOOL A3kit, battery operated	....	....
RAUTOOL A-Light2			
203915	RAUTOOL A-Light kit2 battery operated	....	....
RAUTOOL E3			
203917	RAUTOOL E3 kit, electro hydraulic	....	....
RAUTOOL G2			
203599	RAUTOOL G2 kit electro hydraulic	....	....
RAUTOOL HG1			
137425	RAUTOOL HG1 kit, mechanical hydraulic	....	....
ACCESSORIES			
Pipe cutter			
247474	16 - 20 (stabil)	....	....
247464	Spare blade for 16 - 20 (stabil)	....	....
137495	16 - 25	....	....
138072	Spare blade for 16 - 40 (25-40 stabil)	....	....
138062	16 - 40 (25 - 40 stabil)	....	....
139092	40 - 63	....	....
137435	Spare blade for 40 - 63	....	....
Compression jaws for RAUTOOL M1			
137744	16 / 20	....	....
137364	25 / 32	....	....
201798	40	....	....
Compression jaws for RAUTOOL H2, A3, A-Light2, E3			
139361	16 / 20	....	....
257259	25 / 32	....	....
201801	40	....	....

Article	Product	Quantity	Price
Compression jaws for RAUTOOL G2, HG1			
201802	40	....	....
137624	50	....	....
137634	63	....	....
Supplementary kit for RAUTOOL M1			
201804	40	....	....
Supplementary kit for RAUTOOL H2, A3, E3, A Light2			
201803	40	....	....
Expander tool (to suit expander heads 16 - 32)			
139592	Expander tool RO inclusive of cleaning brush & lubricant gel	....	....
Expander head			
204219	Dual expander head 16 x 2.2 / 20 x 2.8 RO	....	....
139602	16 x 2.2 RO	....	....
139612	20 x 2.8 RO	....	....
139622	25 x 3.5 RO	....	....
139632	32 x 4.4 RO	....	....
244571	16.2 x 2.6 RO stabil	....	....
244581	20 x 2.9 RO stabil	....	....
244591	25 x 3.7 RO stabil	....	....
244601	32 x 4.7 RO stabil	....	....
Expander bit			
137344	40 x 5.5 (M1)	....	....
244611	40 x 5.5 (H2, A3, E3, A Light2)	....	....
248401	Dual 16 x 2.2 / 20 x 2.8 (M1, A3, E3, A-Light2)	....	....
Expander bit (stabil)			
247644	40 x 6.0 RO stabil	....	....
Universal **expander**			
247504	25 / 32 RO	....	....
Expander head for RAUTOOL G2, HG1			
139881	G1: 40 x 5.5	....	....
139891	G1: 50 x 6.9	....	....
139901	G1: 63 x 8.6	....	....
Supplementary expander kit (stabil)			
247524	16 - 32 stabil	....	....

NOTES

REHAU SERVICES
ONE-STOP SUPPLIER OF QUALITY SOLUTIONS

www.rehau.com

Valid from December 2011

Construction

Automotive

Industry

REHAU SERVICES
REHAU AUTHORISED INSTALLER NETWORK (RAIN)

Not only is the quality and design of REHAU piping systems exceptional, the company's commitment to the people who sell and install them is just as outstanding. Consequently, REHAU plumbers worldwide enjoy an array of benefits second to none.

REHAU QUALITY AUTHORISED INSTALLER

Stay on top of your trade

REHAU is much more than your supplier of piping and fittings. We aim to provide a standard of after-sales service to match the world-class quality of our products.

To assist you and your team to utlise the full capabilities of our products and services we have developed the REHAU Authorised Installer Network (RAIN). Our vision is to grow and support our customers as they mature across the marketplace. The RAIN network is an exclusive group of installation experts who are trained and authorised by REHAU to install the RAUTITAN product range.

RAIN MEMBER BENEFITS

In addition to comprehensive training and technical support, RAIN members will enjoy:
- Special project design assistance
- Project assistants with plumbing/gas regulators
- Advanced training seminars
- Priority access to sales promotions
- Regular product updates and information
- Invitations to special RAIN promotional events
- Joint advertising and marketing opportunities with REHAU
- Regulatory updates
- And much more

To register with RAIN, contact your local REHAU sales office or visit www.rehau.com.

Support & service where it counts

PROJECT DESIGN SUPPORT

Whether your project is a family home or a 40-storey high rise development, REHAU is your design partner. Our central design office and experienced engineers can provide advise regarding energy sources, hydraulic consideration, pipe layout, floor structure and much more.

Submit your project details (description or CAD drawing) to our central design office. We can provide a detailed design to take your project from concept to installation and commissioning.

Email: **designassist.anz@rehau.com**
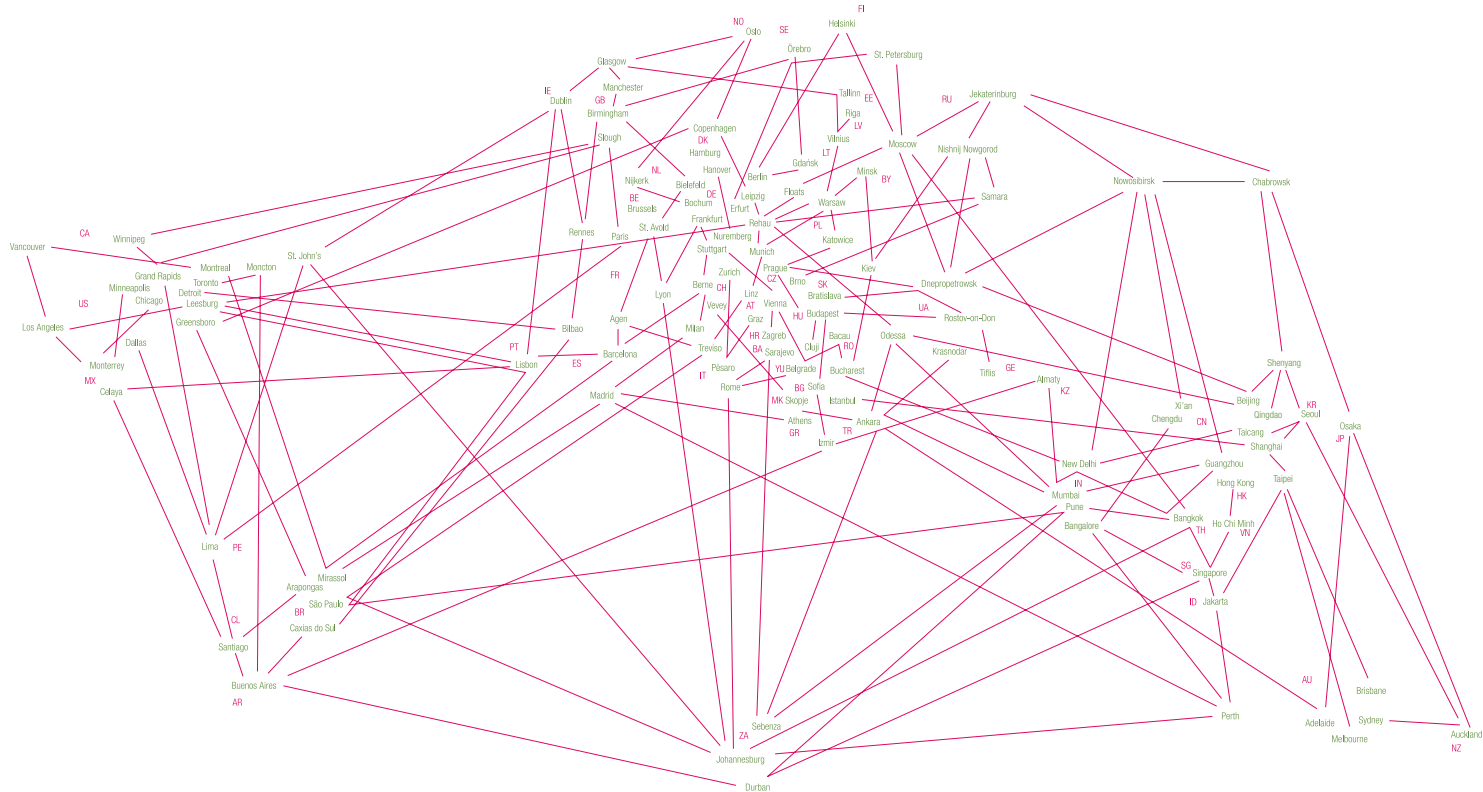

YOUR PERFECT LONG-TERM PARTNER

We offer you the strength of a world-leading brand of polymer-based solutions. One that is backed by **outstanding innovations, the most modern manufacturing technologies and flexible logistics**. You'll find in REHAU a future-oriented and reliable partner with a width and depth of expertise second to none.

NOTES

REHAU Branches in Asia/Australia

Regional Office for Asia/Australia
SINGAPORE
1 King George's Avenue, REHAU Building, Singapore 208557   Tel: +65 6392-6006   Fax: +65 6392-6116

AUSTRALIA National Customer Centre Tel: 1300 768 033 Adelaide Tel: +61 8 8100-3500 Brisbane Tel: +61 7 5527-1833 Melbourne Tel: +61 3 9586-3100 Perth Tel: +61 8 9456-0700 Sydney Tel: +61 2 8741-4500 GREATER CHINA Beijing Tel: +86 10 6428-2956 Chengdu Tel: +86 28 8628-3218 Guangzhou Tel: +86 20 8776-0343 / 3646 Hong Kong Tel: +852 2898-7080 Taicang Tel: +86 512 5337-2815 Taipei Tel: +886 2 8780-3899 INDIA Bangalore Tel: +91 93 4295-2748 / 4104-6605 / 7901-6295 Mumbai Tel: +91 22 6792-2929 / 2930 New Delhi Tel: +91 11 4504-4700 ~ 4710 INDONESIA Jakarta Tel: +62 21 5275-177 JAPAN Tokyo Tel: +81 3 5796-2102 KOREA Seoul Tel: +82 2 5011-656 MALAYSIA Kuala Lumpur Tel: +6 16 7080-384 NEW ZEALAND Auckland Tel: +64 9 2722-264 THAILAND Bangkok Tel: +66 2 7443-155 VIETNAM Ho Chi Minh City Tel: +84 8 6255-6730