

# REUZIT® Recycled Water Products

ReuZit® range of products designed for domestic and small commercial Aerobic Treatment Systems (ATS) and recycled water systems.

## Features

- Low operating pressure range ideal for recycled water sump pumps.
- ReuZit® FlatSpray and ReuZit® Sprinkler have a 0° trajectory, and ReuZit®
- ReuZit® DownSpray has a 45° down spray to reduce the effect of wind.
- 400 mm flexible off-take tubing with easy insert self piercing adaptor.
- Robust stake with push point for inserting into soil.
- Lilac coloured components for easy identification of recycled water.
- All ReuZit® emitters have a large orifice to reduce risk of clogging.
- Sprinkler Assembly with 13 mm barbed take-off to suit low density poly tubing.



## Applications

Distribution of aerobically treated water under trees, shrubs and ground covers in mulched areas.

## Ordering Information - ReuZit® DownSpray

Type	Order Code	Pack Quantity	Packs Per Carton	Carton (kg)
DownSpray Assembly w/ 400 mm Tube & Adaptor	41095	10	15	6.9
Replacement DownSpray	19066	10	600	11.2

## Ordering Information - ReuZit® FlatSpray

Type	Order Code	Pack Quantity	Packs Per Carton	Carton (kg)
FlatSpray Assembly w/ 400 m Tube & Adaptor	40595	10	10	5.4
Replacement FlatSpray	20615	10	30	2.2

## Ordering Information - ReuZit® Sprinkler

Type	Order Code	Pack Quantity	Packs Per Carton	Carton (kg)
Sprinkler Assembly with Stake 13 mm Inlet	40585	10	8	5.4
Replacement Sprinkler 3/8" BSPM	21665	10	20	6.2
Sprinkler 1/2" BSPM	21575	10	20	6.4
Rotor Max™ Deflector	21365	10	28	4.8





ReuZit® Sprinkler Assembly with Stake 13 mm Inlet



ReuZit® Sprinkler 1/2" BSPM



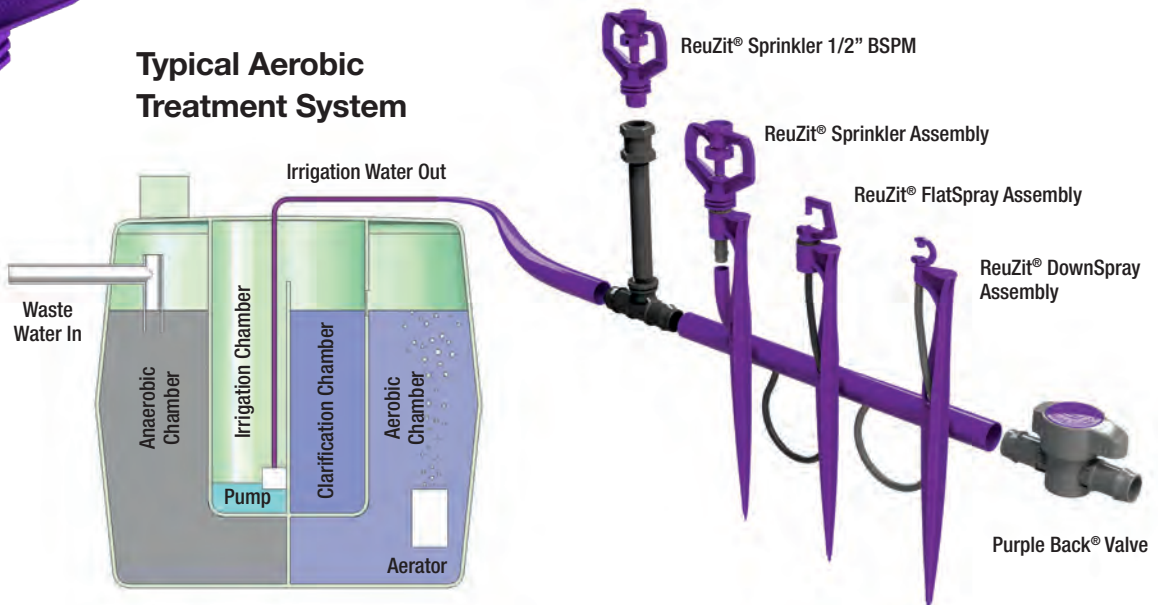
**Performance Chart**

Pressure (kPa)	ReuZit® DownSpray Assembly		ReuZit® FlatSpray Assembly		ReuZit® Sprinkler Assembly	
	Tested at 0.2 m above ground		Tested at 0.2 m above ground		Tested at 0.2 m above ground	
	Flow (lph)	Diameter (m)	Flow (lph)	Diameter (m)	Flow (lph)	Diameter (m)
30	70	0.5	150	1.3	275	2.6
40	85	0.5	170	1.4	335	3.1
50	96	0.6	195	1.7	380	3.4
60	105	0.6	215	2.2	420	3.9
70	113	0.6	230	2.6	455	4.3
80	121	0.6	245	2.6	490	4.5
90	129	0.6	260	2.6	520	4.6
100	136	0.7	270	2.6	550	4.7

**Specifications**

	DownSpray Assembly	FlatSpray Assembly	Sprinkler Assembly	Sprinkler 1/2" BSPM
UV STABILISED MATERIALS	FRAME acetal NOZZLE acetal DEFLECTOR - SPINNER - SPRINKLER AD - STAKE polypropylene TUBE PVC ADAPTOR acetal	acetal acetal acetal - polypropylene polypropylene PVC acetal	polypropylene polypropylene - polypropylene - polypropylene - polypropylene	polypropylene polypropylene - polypropylene - - - -
BASE/CONNECTION TYPE:	INLET	barb 4mm	barb 4mm	barb 4mm

**Typical Aerobic Treatment System**



# REUZIT®

## Purple Back® Valves

On/off device to control the water flow in low pressure irrigation systems.

### Features

- Available in male thread with 1/2", 3/4" or 1" inlets
- Simple on/off operation and straight through flow.
- Operating pressure range up to 300 kPa.
- Purple Back® lilac cap easily identifies recycled water - not for human consumption.
- UV stabilised materials for long life.



Purple Back® Valve



Threaded Purple Back® Valve

### Ordering Information - Purple Back® Valves

Base type	Order Code	Pack Quantity	Packs Per Carton	Carton (kg)
Purple Back® Valve 13 mm (Shank OD 12.6 mm)	46505	20	25	9.4
Purple Back® Valve 14 mm (Shank OD 14.0 mm)	46575	20	25	9.7
Purple Back® Valve 15 mm (Shank OD 14.6 mm)	46555	20	25	9.5
Purple Back® Valve 16 mm (Shank OD 15.7 mm)	46515	20	24	9.9
Purple Back® Valve 18 mm (Shank OD 17.6 mm)	46565	20	10	10.2
Purple Back® Valve 19 mm (Shank OD 19.0 mm)	46525	20	10	10.3
Purple Back® Valve 21 mm (Shank OD 20.8 mm)	46535	20	10	10.5
Purple Back® Valve 25 mm (Shank OD 25.0 mm)	46545	20	4	7.1

### Ordering Information - Purple Back® Threaded Valves Male Thread

Base type	Order Code	Pack Quantity	Packs Per Carton	Carton (kg)
Purple Back® Valve 13 mm Barb x 1/2"	49105	20	22	9.8
Purple Back® Valve 14 mm Barb x 1/2"	49115	20	22	9.9
Purple Back® Valve 15 mm Barb x 1/2"	49125	20	22	9.8
Purple Back® Valve 16 mm Barb x 1/2"	49135	20	22	10.3
Purple Back® Valve 13 mm Barb x 3/4"	46705	20	22	10.4
Purple Back® Valve 14 mm Barb x 3/4"	46775	20	22	10.6
Purple Back® Valve 16 mm Barb x 3/4"	46715	20	21	10.9
Purple Back® Valve 18 mm Barb x 3/4"	46785	20	9	10.2
Purple Back® Valve 19 mm Barb x 3/4"	46795	20	9	10.2
Purple Back® Valve 21 mm Barb x 3/4"	46805	20	9	10.3
Purple Back® Valve 25 mm Barb x 1"	46815	20	4	7.7

### Specifications - Purple Back® Valves

		13 mm, 14 mm 15 mm, 16 mm	18 mm, 19 mm 21 mm	25 mm
UV STABILISED MATERIAL	BODY	acetal	acetal	acetal
	STEM	polypropylene	polypropylene	polypropylene
	COVER	acetal	acetal	acetal
	SEAL	-	silicone rubber	-
BASE/CONNECTION TYPE		barb x barb 1/2" MNPT x barb 3/4" BSPM x barb	barb x barb 3/4" BSPM x barb	barb x barb 1" BSPM x barb

### Applications

Used for flushing irrigation lines and manual on/off flow control of submains and laterals. Ideal for vineyards, orchards, nurseries, greenhouses, landscaping, and home gardens. Threaded valves suitable for rainwater, gravity-fed, or pressurised systems up to 300 kPa.

