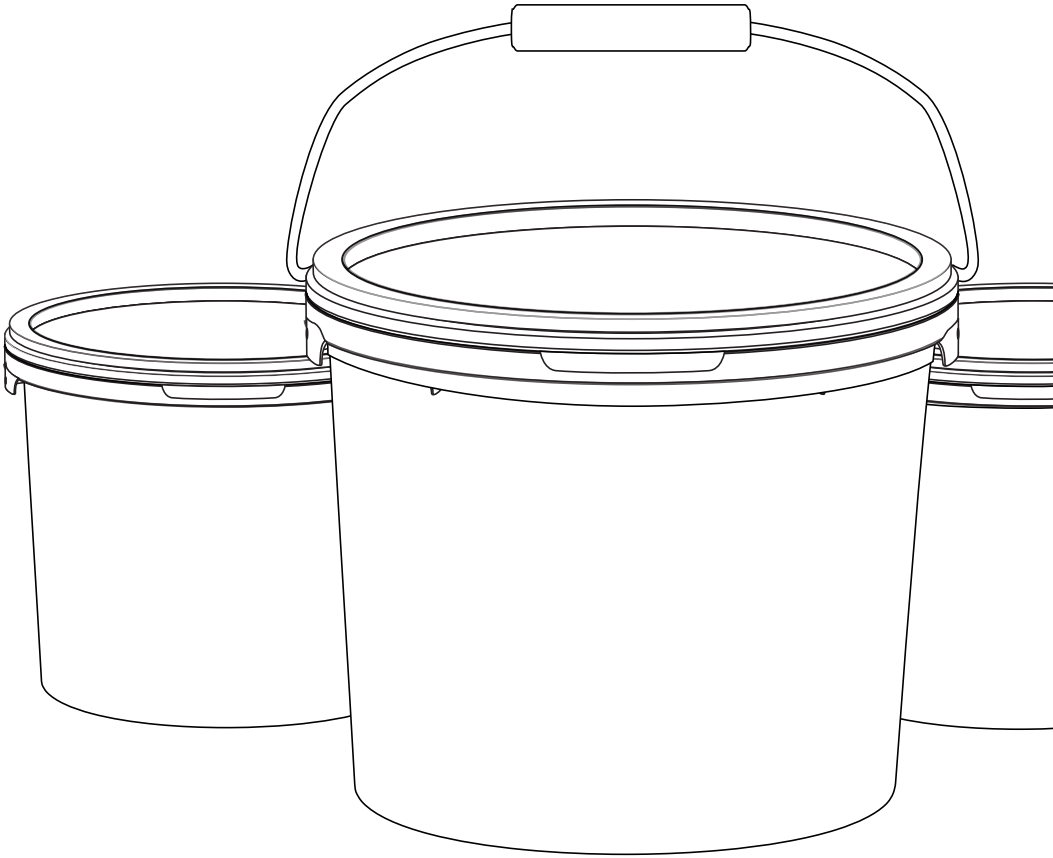
RMK / WTM

Replacement Media for Water Treatment Systems
User Guide



Puretec®
PERFECTING WATER

WATER TREATMENT

What's Inside

Puretec Customer Service 2
Personal Protective Equipment 2
Media Replacement Guide 3

Media Filling Order

CFS Models 4
IRS Models 5
IRX Models 6
SFS Models 7
SOL Models 8
NTS Models 9
NTX Models 10
NTR Models 11
TAN Models 11

Puretec Customer Service

Thank you for purchasing a Puretec RMK Media Replacement Kit. This user guide contains instructions on how to refill a Puretec Water Treatment System with replacement media. Be careful to ensure the information and illustration is applicable to your particular unit. See individual Model Information pages for media codes and filling order.

Call the Puretec Customer Care Team on **1300 140 140 (AU)** and **0800 130 140 (NZ)** for more details.

Personal Protective Equipment

Eye / Face Wear dust-proof goggles.
Hands Wear PVC or rubber gloves.
Body When using large quantities or where heavy contamination is likely, wear coveralls.
Respiratory Where an inhalation risk exists, wear a Class P1 (Particulate) respirator.

Media Replacement

CFS / IRS / IRX / SFS / SOL / NTR / TAN Systems

1. Isolate water supply by closing the inlet valve.
2. Relieve pressure by opening a tap down stream.
3. Remove the valve (requires 2 people, 1 to hold the pressure tank & 1 to undo the valve).

Copyright © Puretec Pty Ltd 2024

4. Plug or cover the top end of the riser pipe in the tank making sure no media can enter the tube.
5. Remove the old media using a wet vacuum or similar, taking care not to damage the vessel or riser.
6. Ensure that the riser pipe is sitting in the cradle at the base of the tank. Then using a wide mouth funnel, place the media in the tank as per the filling order on the individual Model Information pages.
7. Remove the plug or cover from the riser pipe making sure you do not lift the riser pipe. Top up tank with water. Screw valve onto the tank (hand tight is usually sufficient), making sure the distributor tube is properly inserted into the valve. Slowly open the inlet valve and conduct at least two manual backwashes/regenerations, then the system is now ready for use.

NTS / NTX Systems

An easy way to determine if the system requires media replenishment is to place a mark on the outside of the unit at the maximum level of the media when first installed. Every 2-3 months check the level by shining a light through the tank and compare the current level to the maximum. If you are unable to see through the tank, remove the nut/fill-port cap and measure down to the top of the media. Add more media if the media is more than 2 inches below the mark.

1. Isolate water supply by closing the inlet valve.
2. Relieve pressure by opening a tap down stream. Remove the cap with the spanner provided. Some water will weep out of the head, however this is normal.

   Note: The caps are designed to be unscrewed or tightened by hand or with the special plastic wrench. If necessary pliers can be used to unscrew the cap. Do not use a pipe wrench to tighten or loosen caps. Do not place screwdriver in slots on caps and/or tap with a hammer.
3. Top-up the media as required as per the filling order according to your specific system model (see pages 9-11), ensuring that you do not exceed the maximum level on the tank (more than 2/3 full).
4. Replace cap onto the head and tighten with the spanner provided. Slowly open the inlet valve, and flush the water through the system until the water is clear. The system is now ready for use.

IMPORTANT SERVICING NOTE:

Under normal circumstances removal of the fill-port head assembly should not be required. However, if it must be removed, disconnect the plumbing attached to the bypass valve first. Then, rotate the fill-port head assembly to the left or counter clockwise. Before attempting any disassembly, pressure should be relieved by shutting off water to the system and opening a faucet. Upon reassembly, all O-rings should be lubricated with silicone grease. Reattach fill-port head assembly by rotating clockwise until fill-port head assembly is seated to the tank hand tight. Reconnect the plumbing to the bypass valve.

Copyright © Puretec Pty Ltd 2024

Media Filling Order for CFS Models

System Model	Media Replacement Kit	Filling Order	
CFS2000	RMK-CFS2000	1st	2nd
		1 x WTM7550-5L	2 x WTM1000-10L
CFS3000	RMK-CFS3000	1st	2nd
		1 x WTM7550-5L	3 x WTM1000-10L
CFS4000	RMK-CFS4000	1st	2nd
		1 x WTM7550-5L	4 x WTM1000-10L
CFS100-2CI	RMK-CFS100	1st	2nd
		1 x WTM7550-15L	10 x WTM1000-10L
CFS140-2CI	RMK-CFS140	1st	2nd
		2 x WTM7550-15L	11 x WTM1000-15L
CFS180-2CI	RMK-CFS180	1st	2nd
		3 x WTM7550-15L	15 x WTM1000-15L
CFS220-2CI	RMK-CFS220	1st	2nd
		4 x WTM7550-15L	22 x WTM1000-15L
CFS320-2CI	RMK-CFS320	1st	2nd
		5 x WTM7550-15L	34 x WTM1000-15L

Copyright © Puretec Pty Ltd 2024

Media Filling Order for IRS Models

System Model	Media Replacement Kit	Filling Order	
IRS2000	RMK-IRS2000	1st	2nd
		1 x WTM7550-5L	1 x WTM3000-10L & 1 x WTM3000-15L
IRS3000	RMK-IRS3000	1st	2nd
		1 x WTM7550-5L	2 x WTM3000-10L & 1 x WTM3000-15L
IRS4000	RMK-IRS4000	1st	2nd
		1 x WTM7550-5L	1 x WTM3000-10L & 3 x WTM3000-15L
IRS70-2CI	RMK-IRS70	1st	2nd
		1 x WTM7550-15L	7 x WTM3000-15L
IRS100-2CI	RMK-IRS100	1st	2nd
		2 x WTM7550-15L	13 x WTM3000-15L
IRS150-2CI	RMK-IRS150	1st	2nd
		3 x WTM7550-15L	18 x WTM3000-15L
IRS250-2CI	RMK-IRS250	1st	2nd
		4 x WTM7550-15L	26 x WTM3000-15L
IRS350-2CI	RMK-IRS350	1st	2nd
		5 x WTM7550-15L	40 x WTM3000-15L

Copyright © Puretec Pty Ltd 2024

Media Filling Order for IRX Models

System Model	Media Replacement Kit	Filling Order	
IRX2000	RMK-IRS2000	1st	2nd
		1 x WTM7550-5L	1 x WTM3200-10L & 1 x WTM3200-15L
IRX3000	RMK-IRS3000	1st	2nd
		1 x WTM7550-5L	2 x WTM3200-10L & 1 x WTM3200-15L
IRX4000	RMK-IRS4000	1st	2nd
		1 x WTM7550-5L	1 x WTM3200-10L & 3 x WTM3200-15L
IRX70-2CI	RMK-IRX70	1st	2nd
		1 x WTM7550-15L	7 x WTM3200-15L
IRX100-2CI	RMK-IRX100	1st	2nd
		2 x WTM7550-15L	13 x WTM3200-15L
IRX150-2CI	RMK-IRX150	1st	2nd
		3 x WTM7550-15L	18 x WTM3200-15L
IRX250-2CI	RMK-IRX250	1st	2nd
		4 x WTM7550-15L	26 x WTM3200-15L
IRX350-2CI	RMK-IRX350	1st	2nd
		5 x WTM7550-15L	40 x WTM3200-15L

Copyright © Puretec Pty Ltd 2024

Media Filling Order for SFS Models

System Model	Media Replacement Kit	Filling Order	
SFS2000	RMK-SFS2000	1st	2nd
		1 x WTM7550-10L	2 x WTM7500-10L
SFS3000	RMK-SFS3000	1st	2nd
		1 x WTM7550-15L	1 x WTM7500-10L & 1 x WTM7500-15L
SFS4000	RMK-SFS4000	1st	2nd
		1 x WTM7550-15L	1 x WTM7500-10L & 2 x WTM7500-15L
SFS100-2CI	RMK-SFS100	1st	2nd
		2 x WTM7550-15L	6 x WTM7500-15L
SFS150-2CI	RMK-SFS150	1st	2nd
		4 x WTM7550-15L	10 x WTM7500-15L
SFS250-2CI	RMK-SFS250	1st	2nd
		6 x WTM7550-15L	13 x WTM7500-15L
SFS350-2CI	RMK-SFS350	1st	2nd
		10 x WTM7550-15L	18 x WTM7500-15L

Copyright © Puretec Pty Ltd 2024

Media Filling Order for SOL Models

System Model	Media Replacement Kit	Filling Order	
SOL30	RMK-SOL30	1st	
		1 x WTM4400-15L	
SOL40	RMK-SOL40	1st	
		1 x WTM4400-10L & 1 x WTM4400-15L	
SOL45	RMK-SOL45	1st	2nd
		1 x WTM7550-5L	1 x WTM4400-10L & 2 x WTM4400-15L
SOL60	RMK-SOL60	1st	2nd
		1 x WTM7550-5L	1 x WTM4400-10L & 3 x WTM4400-15L
SOL110-2CI	RMK-SOL110	1st	2nd
		2 x WTM7550-15L	4 x WTM4400-25B
SOL160-2CI	RMK-SOL160	1st	2nd
		2 x WTM7550-15L	7 x WTM4400-25B
SOL270-2CI	RMK-SOL270	1st	2nd
		3 x WTM7550-15L	10 x WTM4400-25B
SOL380-2CI	RMK-SOL380	1st	2nd
		4 x WTM7550-15L	15 x WTM4400-25B
SOL45-TA	RMK-SOL45 (2 x Required)	Vessel 1: 1st	Vessel 1: 2nd
		1 x WTM7550-5L	1 x WTM4400-10L & 2 x WTM4400-15L
		Vessel 2: 1st	Vessel 2: 2nd
		1 x WTM7550-5L	1 x WTM4400-10L & 2 x WTM4400-15L
SOL60-TA	RMK-SOL60 (2 x Required)	Vessel 1: 1st	Vessel 1: 2nd
		1 x WTM7550-5L	1 x WTM4400-10L & 3 x WTM4400-15L
		Vessel 2: 1st	Vessel 2: 2nd
		1 x WTM7550-5L	1 x WTM4400-10L & 3 x WTM4400-15L

Copyright © Puretec Pty Ltd 2024

Media Filling Order for NTS Models

NTS media slowly dissolves as it corrects the pH. The following table shows replacement in the case of the NTS unit being emptied (eg for cleaning) and re-filled.

To top up your NTS, the Vessel should be kept at 1/2 to 2/3 full of WTM2000-15L.

System Model	Media Replacement Code	Filling Order
NTS1000	WTM2000-15L (1 x Required)	1st 1 x WTM2000-15L
NTS2000	WTM2000-15L (2 x Required)	1st 2 x WTM2000-15L
NTS3000	WTM2000-15L (3 x Required)	1st 3 x WTM2000-15L
NTS4000	WTM2000-15L (4 x Required)	1st 4 x WTM2000-15L
NTS70-C	WTM2000-15L (8 x Required)	1st 8 x WTM2000-15L
NTS120-C	WTM2000-15L (15 x Required)	1st 15 x WTM2000-15L

Copyright © Puretec Pty Ltd 2024

Media Filling Order for NTX Models

This kit is designed to top up your NTX system and may not require the full amount of media supplied.

NTX media slowly dissolves as it corrects the pH. To top up your NTX, the Vessel should be kept at 1/2 to 2/3 full. Refill with RMK-NTX20L.

The kit contains: 1 x WTM2000-15L & 1 x WTM2500-5L.

RMK-NTX20L is supplied with NeutrasSafe and NeutraMax media that should be mixed in the following Ratio.

1 Part WTM2500 to every 3 Parts WTM2000 (Ratio is 1:3)

Example: If your system requires a 10L top up, pour approx 3.75L of WTM2000-15L media into the vessell, then 2.5L of WTM2500-5L and top up with 3.75L of WTM2000-15L.

System Model	Media Top-Up Kit	Filling Order		
		1st	2nd	3rd
ALL NTX MODELS	RMK-NTX20L	WTM2000-15L Pour in half of the amount of WTM2000-15L media required based on the ratio supplied.	1 x WTM2500-5L Pour in the amount required for the correct ration top up.	WTM2000-15L Pour in the remaining half of the amount of WTM2000-15L media required based on the ratio supplied.

Copyright © Puretec Pty Ltd 2024

Media Filling Order for NTR Models

System Model	Media Replacement Kit	Filling Order
NTR-40-E3	RMK-NTR40	1st
		2 x RMK-NTR40 (1 x 10L & 1 x 15L)

Media Filling Order for TAN Models

System Model	Media Replacement Kit	Filling Order
TAN40-E1	RMK-TAN40	1st
		1 x RMK-TAN40 (25L)

System Model	Media Replacement Kit	Filling Order
TAN40-E3	RMK-TAN40	1st
		1 x RMK-TAN40 (25L)

Copyright © Puretec Pty Ltd 2024

Australia
P 1300 140 140
E sales@puretecgroup.com
W puretec.com.au

New Zealand
P 0800 130 140
E sales@puretecgroup.com
W puretec.co.nz

JUL2024 UG-RMK