

NORTH STAR NSRO42C4 Reverse Osmosis System User Guide



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LET'S MAKE ONE THING PERFECTLY CLEAR

Common disinfection methods can cause undesirable tastes and odors in tap water. And even water that meets all applicable standards when it leaves the water plant can collect contaminants from outdated distribution systems and plumbing. If you get your water from a private well, it could be influenced by groundwater contaminants and even issues on the surface that trickle below. But there's no need to worry when you have the proper water filtration system to protect you and your family.



OUR SYSTEMS ARE PERFECT FOR:



Drinking Water & Ice



Fruits & Vegetables



Coffee & Tea



Cooking



Pets & Plants



Reducing Plastic Waste

REVERSE OSMOSIS WATER FILTRATION SYSTEM

NSRO42C4

Triple Protection

Your water goes through three separate stages for the ultimate in cleanliness and clarity.

(1) Prefilter

Removes chlorine and sediment down to 5 microns (1/16th the diameter of a human hair)

(2) Reverse Osmosis Membrane

Removes inorganic contaminants, chemicals and metals for the ultimate in protection

(3) Postfilter

Removes organic contaminants, additional chemicals, and any tastes or odors for a final polish



AVAILABLE: Permeate Pump Kit (model # 7290208 and 7285203)

- a) Pre/Post Filters OK
- b) Change Pre/Post Filters
- c) Change Membrane

High Capacity Storage Tank

Holds plenty of drinking water for today's demanding families.

Twist and Pull Sanitary Filters

Easily replace filters without touching filter media.

Lead-Free Designer Faucet

Smooth ceramic disc design with adjustable flow. Available in multiple finishes.

Filter Life Monitor

Alerts you when to replace filters.

DRINKING WATER FILTRATION

DRINKING WATER SYSTEMS & FILTERS



- Highest level of filtration
- Perfect for drinking water, ice, coffee, pets and plants
- Includes parts necessary for a quick installation
- Long-lasting encapsulated filters

SPECIFICATIONS				
Model Number	NSRO42C4	NSDW500	NSDW300	NSIF200
Part Number	7287695	7358187	7358276	7358315
Description	Reverse Osmosis System	Dual-Stage System	Full-Flow System	5-Year Refrigerator Filter
For Use with Filters	NSROF & NSROM	NSDW500R	NSDW300R	N/A
Daily Production Rate (gal)	14.76	N/A	N/A	N/A
Storage Tank Capacity (gal)	2.4	N/A	N/A	N/A
Flow Rate (gpm)	Up to 1.0	0.5	2.0	0.5
Inlet – Outlet	3/8" Quick Connect	3/8" Quick Connect or 3/8" MIP	3/8" Quick Connect	1/4" Quick Connect & 1/4" Compression
Filter Life	750 gal or 6 months	270 gal or 6 months	2000 gal or 6 months	2500 gal or 5 years
RO Membrane Life	2 years	N/A	N/A	N/A
NSF Certification	NSF/ANSI 42 and 58	NSF/ANSI 42 and 53	NSF/ANSI 42 and 401	NSF/ANSI 42
CONTAMINANT REDUCTION				
Sediment – Sand, Dirt, Rust	•	•	•	•
Microplastics			•	
Chlorine Taste & Odor	•	•	•	•
Cysts	•	•		
Lead	•	•		

Sodium	•			
Sulfates	•			
Nitrates/Nitrites	•			
Copper	•			
Zinc	•			
Barium	•			
Chromium	•			
Arsenic	•			
Radium	•			
TDS (Total Dissolved Solids)	•			
WARRANTY				
1 year parts warranty	•	•	•	

WHOLE HOME FILTRATION

10" STANDARD CAPACITY FILTERS



NSF Certified

- Under NSF/ANSI 42
- Under NSF/ANSI/CAN 372

Universal Fit: Fits most major brands of whole home housings

Grooved: Provides more surface area and greater capacity

Carbon Block: Improves taste and odor of drinking water

Premium Carbon with FACT®

- Low pressure drop allows for high flow rate
- High sediment filter – resistant to clogging

SPECIFICATIONS	10" STANDARD CAPACITY FILTERS				
Model Number	NS205	NS217	NSF217	NS225	NS250*
Part Number	7358323	7358226	7358234	7358331	7358349
Description	Grooved	Carbon Block	Premium Carbon with F ACT ®	Grooved	Grooved
Dimensions	2.5" x 10"	2.5" x 10"	2.5" x 10"	2.5" x 10"	2.5" x 10"
Micron Rating	5	5	0.7	25	50
Flow Rate (gpm)	9	4	5	9	9
Max Water Temperature	140°F/60°C	100°F/40°C	100°F/40°C	140°F/60°C	140°F/60°C
Filter Life	3 Months	3 Months	6 Months	3 Months	3 Months
Compatible with Systems	NSV200T NS 200	NSV200T NS 200	NSV200T NS200	NSV200T NS 200	NSV200T NS 200
CONTAMINANT REDUCTION					
Sediment – Sand, Dirt, Rust	•	•	•	•	•
Chlorine Taste & Odor		•	•		

*Available while supplies last.

10" LARGE CAPACITY FILTERS



NSF Certified

- Under NSF/ANSI 42
- Under NSF/ANSI/CAN 372

Universal Fit: Fits most major brands of whole home housings

Grooved: Provides more surface area and greater capacity

Carbon Block: Improves taste and odor of drinking water

Premium Carbon with FACT®

- Low pressure drop allows for high flow rate
- High sediment filter – resistant to clogging

SPECIFICATIONS	10" LARGE CAPACITY FILTERS				
Model Number	NS905	NS917	NSF917	NS925	NS950*
Part Number	7358365	7358200	7358242	7358373	7358381
Description	Grooved	Carbon Block	Premium Carbon with FACT®	Grooved	Grooved
Dimensions	4.5" x 10"	4.5" x 10"	4.5" x 10"	4.5" x 10"	4.5" x 10"
Micron Rating	5	25	0.7	25	50
Flow Rate (gpm)	20	4	22	20	20
Max Water Temperature	140°F/60°C	100°F/40°C	100°F/40°C	140°F/60°C	140°F/60°C
Filter Life	3 Months	3 Months	6 Months	3 Months	3 Months
Compatible with Systems	NS900	NS900	NS900	NS900	NS900
CONTAMINANT REDUCTION					
Sediment – Sand, Dirt, Rust	•	•	•	•	•
Chlorine Taste & Odor		•	•		

*Available while supplies last.

20" STANDARD & LARGE CAPACITY FILTERS



NSF Certified

- Under NSF/ANSI 42
- Under NSF/ANSI/CAN 372

Universal Fit: Fits most major brands of whole home housings

Grooved: Provides more surface area and greater capacity

Carbon Block: Improves taste and odor of drinking water

SPECIFICATIONS	20" STANDARD CAPACITY FILTERS	
Model Number	NS9172	NS9252
Part Number	7358218	7358404
Description	Carbon Block	Grooved
Dimensions	4.5" x 20"	4.5" x 20"
Micron Rating	25	25
Flow Rate (gpm)	25	50
Max Water Temperature	100°F/40°C	140°F/60°C
Filter Life	3 Months	3 Months
Compatible with Systems	NS9002	NS9002
CONTAMINANT REDUCTION		
Sediment – Sand, Dirt, Rust	•	•
Chlorine Taste & Odor	•	

UNIVERSAL WHOLE HOME HOUSINGS



NSF Certified

- Under NSF/ANSI 42
- Under NSF/ANSI/CAN 372

Universal Fit: Fits most major brands of whole home housings

Usage

- Easy-to-change filter cartridges
- Ideal for point-of-entry applications

SPECIFICATIONS	UNIVERSAL WHOLE HOME HOUSINGS			
Model Number	NSV200T	NS200	NS900	NS9002
Part Number	7358420	7358438	7358454	7358462
Description	10" Clear Housing, Valve in Head	10" Opaque Housing	10" Opaque Housing	20" Opaque Housing
Inlet – Outlet	3/4"	3/4"	1"	1"
Product Dimensions	14" x 5.5"	13.5" x 4.5"	13.25" x 7.25"	23.5" x 7.25"
Uses Filter Size	2.5" x 10"	2.5" x 10"	4.5" x 10"	4.5" x 20"
Compatible with Filters	NSF217, NS217, NS205, NS225 & NS250*	NSF217, NS217, NS205, NS225 & NS250*	NSF917, NS917, NS905, NS925 & NS950*	NS9172, NS9292
WARRANTY				
1 year parts warranty	•	•	•	•

*Available while supplies last.

PREMIUM CARBON WITH FACT® TECHNOLOGY

NSF917 & NSF217



NSF917



NSF217



Smaller fibres. Smarter filter.

Our Patented **Flow And Capture Technology** filter media features a sub-micron, pleated carbon design that delivers better flow, higher levels of filtration and longer life than most universal whole home filters.

ACCESSORIES

NSORK100

O-Ring Kit for 10" Sump



FEATURES

- Part # 7363425
- Replacement o-rings for NSV200T, NS200, NS900
- Includes grease packet

EPUSW

Universal Strap Wrench



FEATURES

- Part # EPUSW00
- Use with 12.5" or 14.25" whole home housings

EP2BR

3/4" Mounting Bracket



FEATURES

- Part # EP2BR00
- Bracket for 3/4" whole home housing
- Fits NSV200T and NS200

WHEFCHR & WHEFSAT

Designer Faucet with Air Gap



FEATURES

- 3/8" Tubing Connection
- Chrome Faucet # WHEFCHR
- Brushed Nickel Faucet # WHEFSAT

WATER TEST KIT

For testing water hardness, PH, and Iron



FEATURES

- Part # 3493099

NORTH STAR QUALITY



EASY TO INSTALL

North Star systems come with fittings needed for a simple installation.



LOW MAINTENANCE

We incorporate high-efficiency technology and pro-grade materials into our North Star systems, delivering an easy-touse solution you can count on.



WARRANTY PROTECTION

North Star Water Treatment Systems boast the most comprehensive warranties in plumbing wholesale, proof of our commitment to quality.



HIGH QUALITY MANUFACTURING

Our U.S. based manufacturing facilities ensure each North Star system exceeds the strictest quality standards. Once our products leave our doors, you can expect a reliable, long-lasting solution.



PRODUCT INNOVATION

Our commitment to research and development provides a constant stream of both products and technology, allowing us to continually push the boundaries within the water treatment industry.

SCAN FOR
PRODUCT RESOURCES, ARTICLES, AND MORE



SCAN FOR
NORTH STAR TRAINING VIDEOS



WANT TO KNOW MORE?

If you need more information about North Star Water Filtration Systems, contact us or get in touch with your local North Star representative.

HOW TO CONTACT US


info@northstarwater.com | www.northstarwater.com

NORTH STAR ALSO OFFERS A COMPREHENSIVE LINE OF
COMMERCIAL SOFTENING PRODUCTS



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Documents / Resources

	<p>NORTH STAR NSRO42C4 Reverse Osmosis System [pdf] User Guide NSRO42C4, NSDW500, NSDW300, NSIF200, NSRO42C4 Reverse Osmosis System, NSRO42C4, Reverse Osmosis System, Osmosis System, System</p>
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References

- [North Star Conditioning - Water Treatment Systems](#)
- [User Manual](#)

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