NOVO®
PROFESSIONAL WATER SYSTEMS

NVO485DF Whole Home Carbon Filters
SPECIFICATION SHEET



WARRANTY 7 yr WARRANTY
CONTROL VALVE

WARRANTY LIFETIME WARRANTY
PRESSURE TANK

97% CHLORINE REMOVAL OVER 1,100,000 GALLONS*

Based on model: NVO485DFTO-150.

LEAD FREE UPC C ®
IAPMO R&T Certified to NSF/ANSI 42, 372 and CSA B483.1.

Water Filter

Reduce Chlorine, Chloramines and Other Chemicals from Your Water

Chlorine and chloramines are the most widely used disinfectants in municipal water treatment, ensuring water remains biologically safe during distribution to homes and businesses. However, once delivered, these disinfectants can pose health risks and cause long-term damage to plumbing systems. Carbon filtration remains the most effective and proven method for reducing chlorine, chloramines, and various other contaminants, including heavy metals like lead and mercury, pesticides, volatile organic compounds (VOCs), trihalomethanes (THMs), toxic organics, phenols and tannins. In addition to health concerns, chlorine, chloramines and organic compounds can negatively affect water's taste and odor.

KEY FEATURES

Chlorine Reduction: Novo TO and TOK filters use high-quality AQUAFINE® granular activated carbon (GAC) to adsorb chlorine and organic compounds, significantly improving water quality.

Chloramine Reduction: Novo DFTOC, DFTOCK and DFCLA filters use AQUAFINE® catalytic granular activated carbon to reduce chloramine, chlorine and organic compounds.

Optional KDF: DFTOK and DFTOCK models feature a KDF protector that controls rotten egg odor caused by sulphate reducing bacteria that can occur in carbon filters on some municipal water supplies in warm water markets (available only in the U.S.A.).

Tank Features: Moisture wicking neoprene tank jacket included on all pressure tanks.

VALVE FEATURES

Plumbing Adapters Comes with two 90° elbow adapters.

Unique Bypass Design Integrated turbine meter saves space, eliminates connections and is more durable.

Timesaving Quick Connect Fittings & Pre-Installed Bypass Quick connect fittings on bypass, drain line (10' included), brine line and power cord for easier, faster installations.



Backlit LCD Display "No Touch" display rotates key information including last regeneration date and volume remaining.

User-Friendly Programming Just set the time, date, and number of people.

NSF COMPONENT

Technical Specifications

PROFESSIONALLY ENGINEERED FOR PERFORMANCE

485 CARBON FILTERS

Item #	Model	Media (Cu Ft)	Flow Rate			Pressure Tank Size (inches)	Pipe Size (inches)	Media Loaded	Shipping Weight (lbs)	Capacity
			Service	Peak	Backwash					
TASTE & ODOR FILTERS (SINGLE TANK, AQUAFINE® GRANULAR ACTIVATED CARBON - COCONUT SHELL)										
15064006	NVO485DFTO-075	0.75 ft³	4.0 US gpm	5.0 US gpm	3.5 US gpm	8 x 44	3/4"	Yes	57 lbs	500,000 gal
15064007	NVO485DFTO-100	1.0 ft³	5.0 US gpm	7.0 US gpm	4.0 US gpm	9 x 48	3/4"	Yes	66 lbs	750,000 gal
15064008	NVO485DFTO-150	1.5 ft³	7.0 US gpm	10.0 US gpm	5.0 US gpm	10 x 54	3/4"	Yes	85 lbs	1,100,000 gal
15064009	NVO485DFTO-200	2.0 ft³	10.0 US gpm	12.0 US gpm	7.0 US gpm	12 x 52	3/4"	Yes	107 lbs	1,500,000 gal
15064010	NVO485DFTO-300	3.0 ft³	12.0 US gpm	15.0 US gpm	10.0 US gpm	14 x 65	3/4"	No	160 lbs	2,250,000 gal

Item #	Model	Media (Cu Ft)	Flow Rate			Pressure Tank Size (inches)	Pipe Size (inches)	Media Loaded	Shipping Weight (lbs)	Capacity
			Service	Peak	Backwash					
TASTE & ODOR FILTERS WITH KDF (SINGLE TANK, AQUAFINE® GRANULAR ACTIVATED CARBON WITH KDF85) Available only in the U.S.A.										
15064060	NVO485DFTOK-075	0.75 ft³	4.0 US gpm	5.0 US gpm	3.5 US gpm	8 x 44	3/4"	Yes	57 lbs	500,000 gal
15064061	NVO485DFTOK-100	1.0 ft³	5.0 US gpm	7.0 US gpm	4.0 US gpm	9 x 48	3/4"	Yes	66 lbs	750,000 gal
15064062	NVO485DFTOK-150	1.5 ft³	7.0 US gpm	10.0 US gpm	5.0 US gpm	10 x 54	3/4"	Yes	85 lbs	1,100,000 gal
15064063	NVO485DFTOK-200	2.0 ft³	10.0 US gpm	12.0 US gpm	7.0 US gpm	12 x 52	3/4"	Yes	107 lbs	1,500,000 gal

Item #	Model	Media (Cu Ft)	Flow Rate			Pressure Tank Size (inches)	Pipe Size (inches)	Media Loaded	Shipping Weight (lbs)	Capacity
			Service	Peak	Backwash					
CHLORAMINE REDUCTION FILTERS (SINGLE TANK, AQUAFINE® CATALYTIC CARBON)										
15064083	NVO 485DFTOC-075	0.75 ft³	4.0 US gpm	5.0 US gpm	3.5 US gpm	8 x 44	3/4"	Yes	57 lbs	500,000 gal
15064084	NVO 485DFTOC-100	1.0 ft³	5.0 US gpm	7.0 US gpm	4.0 US gpm	9 x 48	3/4"	Yes	66 lbs	750,000 gal
15064079	NVO 485DFTOC-150	1.5 ft³	7.0 US gpm	10.0 US gpm	5.0 US gpm	10 x 54	3/4"	Yes	85 lbs	1,100,000 gal
15064085	NVO 485DFTOC-200	2.0 ft³	10.0 US gpm	12.0 US gpm	7.0 US gpm	12 x 52	3/4"	Yes	107 lbs	1,500,000 gal
15064086	NVO 485DFTOC-300	3.0 ft³	12.0 US gpm	15.0 US gpm	10.0 US gpm	14 x 65	3/4"	No	160 lbs	2,250,000 gal

Item #	Model	Media (Cu Ft)	Flow Rate			Pressure Tank Size (inches)	Pipe Size (inches)	Media Loaded	Shipping Weight (lbs)	Capacity
			Service	Peak	Backwash					
CHLORAMINE REDUCTION FILTERS WITH KDF (SINGLE TANK, AQUAFINE® CATALYTIC CARBON WITH KDF85) Available only in the U.S.A.										
15064087	NVO485DFTOCK-075	0.75 ft³	4.0 US gpm	5.0 US gpm	3.5 US gpm	8 x 44	3/4"	Yes	57 lbs	500,000 gal
15064088	NVO485DFTOCK-100	1.0 ft³	5.0 US gpm	7.0 US gpm	4.0 US gpm	9 x 48	3/4"	Yes	66 lbs	750,000 gal
15064080	NVO485DFTOCK-150	1.5 ft³	7.0 US gpm	10.0 US gpm	5.0 US gpm	10 x 54	3/4"	Yes	85 lbs	1,100,000 gal
15064089	NVO485DFTOCK-200	2.0 ft³	10.0 US gpm	12.0 US gpm	7.0 US gpm	12 x 52	3/4"	Yes	107 lbs	1,500,000 gal

Item #	Model	Media (Cu Ft)	Flow Rate			Pressure Tank Size (inches)	Pipe Size (inches)	Media Loaded	Shipping Weight (lbs)	Capacity
			Service	Peak	Backwash					
CHLORAMINE REDUCTION FILTERS (DUAL TANK, AQUAFINE® CATALYTIC CARBON)										
15064035-1	NVO485DFCLA-075	1.5 ft³	4.0 US gpm	7.0 US gpm	5.0 US gpm	8 x 44	3/4"	Yes	122 lbs	1,000,000 gal
15064036-1	NVO485DFCLA-100	2.0 ft³	5.0 US gpm	8.0 US gpm	7.0 US gpm	9 x 48	3/4"	Yes	140 lbs	1,500,000 gal
15064037-1	NVO485DFCLA-150	3.0 ft³	8.0 US gpm	10.0 US gpm	10.0 US gpm	10 x 54	3/4"	Yes	178 lbs	2,200,000 gal
15064038-1	NVO485DFCLA-200	4.0 ft³	10.0 US gpm	12.0 US gpm	14.0 US gpm	12 x 52	3/4"	Yes	222 lbs	3,000,000 gal

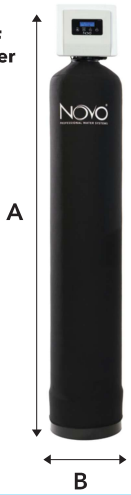
ALL FILTERS	
REGENERATION TYPE	DOWNFLOW (COCURRENT)
PLUMBING CONNECTIONS	INCLUDES 3/4" 90° NPT ELBOWS
ELECTRICAL REQUIREMENTS	INPUT 120V 60 Hz - OUTPUT 12V 650mA
WATER TEMPERATURE LIMITS	MIN 40° - MAX 110° F (4° - 43° C)
WATER PRESSURE LIMITS	MIN 30 - MAX 125 PSI (207 - 862 KPA)

DIMENSIONS

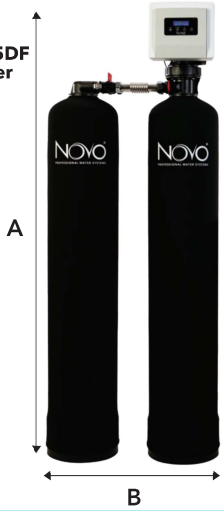
NVO485DF Carbon Filters	75	100	150	200	300
TANK/VALVE A x B (inches)	52 x 8	56 x 9	62 x 10	60 x 12	74 x 14

NVO485DF CLA Filters	75	100	150	200
TANK/VALVE A x B (inches)	56 x 22	60 x 23	66 x 24	64 x 26

NVO485DF Carbon Filter



NVO485DF CLA Filter



QUICK LINKS

- Homeowner's Manual
- Installation Guide
- Maintenance Guide
- Trouble Shooting Guide
- Parts Breakdown
- Programming Guide
- Warranty Sheet

NOVO® PROFESSIONAL WATER SYSTEMS — A DIVISION OF Canature WaterGroup

Water Quality Association | CWQA | CIPH Canadian Institute of Plumbing & Heating | PHCC Plumbing-Heating-Cooling Contractors Association — Best People. Best Practices.