



CONTROL
VALVE



PRESSURE
TANK

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

Based on model: NVO485DFTO-150.

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

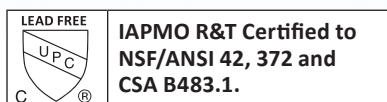
Quick connect fittings on bypass, drain line (10' included), brine line and power cord for easier, faster installations.

Backlit LCD Display

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

User-Friendly Programming

Just set the time, date, number of people and hardness.



Technical Specifications

PROFESSIONALLY ENGINEERED FOR PERFORMANCE

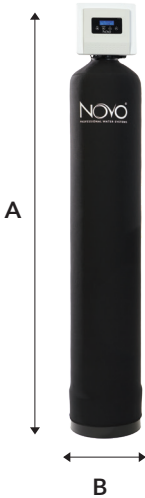
485 CARBON FILTERS

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	50 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	60 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	78 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	95 lbs	1,500,000 ga
15064010	NVO485DFTO-300	3.0 ft³	12.0 US gpm	15.0 US gpm	10.0 US gpm	14 x 65	3/4"	No	138 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.										
15064061	NVO485DFTOK-100	1.0 ft³	5.0 US gpm	7.0 US gpm	4.0 US gpm	9 x 48	3/4"	Yes	60 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	78 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	95 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	50 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	60 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	78 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	95 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	138 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	50 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	60 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	78 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	95 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	100 lbs	500,000 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	120 lbs	750,000 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	155 lbs	1,100,000 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	190 lbs	1,500,000 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)	52.25 x 8.0	56.25 x 9.0	62.25 x 10.0	60.5 x 12.0	74.25 x 14.0



QUICK LINKS



Homeowner's Manual



Installation Guide



Maintenance Guide



Trouble Shooting Guide



Parts Breakdown



Programming Guide



Warranty Sheet

