

BIG GREY HOUSINGS · 4.5" CARTRIDGE · 1" CONNECTION

Sovereign Big Grey Water Filter Housings

Perfect for Domestic & Commercial applications. With the filter, you can employ the replacement filter appropriate specifically for your water condition.

4.5" x 20" / 4.5" x 10"

1" INTERNAL THREAD

 5.0 M³/HOUR

SWC6520EC0SR · SWC8510EC0SR



KEY FEATURES

Whole-site filtration, **matched to your water.**

Whole-site water filtration, improving taste, color, and odor while removing sediment.



High effectiveness of water purification



Made of high-quality and durable components



Protection of sanitary ware and plumbing

5.0m³/h

MAX FLOW CAPACITY

2.0–6.0bar

OPERATING PRESSURE

+5...+40°C

WORKING TEMPERATURE

1" internal

CONNECTION THREAD

TECHNICAL SPECIFICATION

Two housings, **one standard.**

SPECIFICATION	SWC6520EC0SR	SWC8510EC0SR
Cartridge size	4.5" x 20"	4.5" x 10"
Dimensions (L×W×H), mm	770 x 560 x 250	760 x 620 x 224
Connection	1" internal thread	
Working temperature, °C	+5...+40	
Operating pressure, bar	2.0-6.0	
Maximum flow capacity, m ³ /hour	5.0	
Water source	Tap, well or rainwater water supply	
Applications	Private house, café, restaurant	

ORDER OR REQUEST A QUOTE

Specify a Big Grey housing for your site.

British-engineered, European-manufactured. UK · Middle East · Europe.

+44 20 8050 2115

sales@sovereignwater.co.uk

124 City Road, London EC1V 2NX



PRESSURE VESSELS • WELL • BOOSTER • IRRIGATION

ProTank PV

A premium, industrial-strength range of pre-charged pressure vessels for well water, irrigation, booster and VFD-controlled systems. Deep-drawn steel construction with a virgin polypropylene liner and FDA-compliant butyl diaphragm keeps water contaminant-free, backed by a five-year warranty.

8-160 L

10 BAR MAX

5-YR WARRANTY

ProTank PV



WHY SPECIFY IT

Industrial-strength, maintenance-free.

A premium pressure-vessel range trusted by pump companies and installers worldwide, quality-tested at several production stages for structural integrity, performance and certification compliance.



Industrial-strength design

A robust, deep-drawn steel pressure vessel engineered for structural integrity across well, irrigation, booster and VFD-controlled systems.



Pre-charged & maintenance-free

Factory pre-charged with an O-ring-sealed air valve and a 100% stainless-steel connection that prevents leakage and cross-threading.



Contaminant-free chamber

A virgin polypropylene liner and FDA-compliant butyl diaphragm keep water contaminant-free and impart no taste or odour.

8-160_L

NOMINAL VOLUME

10_{bar}

MAX PRESSURE

5_{yr}

WARRANTY

61-372_{NSF}

CERTIFIED

10

bar • 150 psi max

Built to last

Deep-drawn steel construction with a virgin polypropylene liner and FDA-compliant butyl diaphragm keeps water contaminant-free, imparting no taste or odour. A corrosion-free composite base and rust-resistant paint finish add to the tank's longevity, and every tank is certified to NSF/ANSI/CAN 61 and 372 standards.

SPECIFICATIONS

Technical detail.

Product series	ProTank PV	Diaphragm	FDA-compliant butyl
Datasheet ref	SWC-PTPV-25-R0	Max pressure	10 bar · 150 psi
Type	Pressure vessel / well tank	Factory pre-charge	2.6 bar · 38 psi
Nominal volume	8-160 L · 2-42 gal	Min temperature	-10 °C · 14 °F
Form factors	Inline · horizontal · vertical	Max temperature	90 °C · 194 °F
Connection	¾"-1" NPT	Certification	NSF/ANSI/CAN 61 · 372
Liner	Virgin polypropylene	Warranty	5 years

MODEL RANGE

Nine models, three form factors.

MODEL	CONNECTION	LITRES	GALLONS	WEIGHT (LBS)
INLINE				
SWC-UK-8LX	¾" NPT	8	2.1	5.5
SWC-UK-18LX	¾" NPT	18	4.8	9.3
SWC-UK-35LX	¾" NPT	35	9.2	16.3
HORIZONTAL				
SWC-UK-24LH	¾" NPT	24	6.3	13.4
SWC-UK-60LH	1" NPT	60	15.8	25.8
SWC-UK-80LH	1" NPT	80	21.1	36.4
VERTICAL				
SWC-UK-80LV	1" NPT	80	21.1	36.6
SWC-UK-130LV	1" NPT	130	34.3	60.0
SWC-UK-160LV	1¼" NPT	160	42.3	77.8

SCOPE OF SUPPLY

What we provide.

- ✓ Pre-charged ProTank PV pressure vessel (specify model)
- ✓ Virgin polypropylene liner & FDA-compliant butyl diaphragm
- ✓ O-ring-sealed air valve cap & stainless-steel connection
- ✓ Corrosion-free composite base and pump stand (LH models)
- ✓ Higher-capacity Challenger™ vessels to 450 L (by request)
- ✓ Optional Comprehensive Maintenance plan

Where it fits best

Well water, irrigation, booster and VFD-controlled systems, and water-hammer arresting, where a maintenance-free, contaminant-free pressure vessel is required. A direct replacement for most existing installations.

[COMMERCIAL · BY QUOTE](#)

REQUEST A QUOTE

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COMMERCIAL REVERSE OSMOSIS • COMPACT POINT-OF-USE

Noble RO 60

Our compact reverse osmosis system for sites that need premium water in tight spaces — sitting below Imperial and Majestic in size, yet delivering consistent performance for coffee bars, small kitchens and back-of-house installs where reliability matters.

COMPACT

MULTI-STAGE

SILENT

NOB 60



WHY SPECIFY IT

Quality you can taste and trust.

Reverse osmosis paired with carbon block pre-filtration removes taste-affecting compounds and protects the membrane — with an adjustable salinity regulator so you can dial in the final TDS to your recipe or equipment specification.



Compact footprint

Just 96 mm wide — built for tight back-of-house spaces where premium water is needed but room is limited.



Adjustable salinity regulator

Set the final TDS to your recipe or equipment spec — so espresso tastes balanced, steam equipment runs cleaner and glassware dries clear.



Silent, serviceable design

A silent external pump and ABS housing — wall-mounted or floor-standing, simple to service with routine filter changes.

60L/h

PURIFIED FLOW

220GPD

RO MEMBRANE

9.5kg

UNIT WEIGHT

96mm

FOOTPRINT WIDTH

TDS

adjustable salinity

Dial in the taste

An integrated salinity regulator lets you set the final TDS to your recipe or equipment specification — so espresso tastes balanced, steam equipment runs cleaner and glassware dries clear. Carbon block pre-filtration protects the membrane and removes taste-affecting compounds.

SPECIFICATIONS

Technical detail.

Model	NOB 60	Salinity regulator	Integrated
Order code	FLO NOBFLT60	Power supply	220 V AC · 50/60 Hz
Datasheet ref	SWC-NOB60-25-RO	Power consumption	115 W
Type	Reverse osmosis	Feed water pressure	0.5–5 bar
Purified water flow	60 L/h	Feed water temp.	5–35 °C
RO membrane	1 × 220 GPD	Feed water quality	Potable
Pump	Silent · external	Dimensions (W×D×H)	96 × 435 × 378 mm
Carbon block pre-filter	Yes	Weight / build	9.5 kg · ABS

Carbon block
Pre-filter



Removes taste-affecting compounds and protects the membrane.

RO membrane
220 GPD



Reverse osmosis for consistent premium-quality water.

Salinity
Adjustable



Regulator sets the final TDS to your recipe or equipment spec.

HOW IT WORKS

From mains to pure water.

01
Potable mains

02
Carbon block pre-filter

03
RO membrane

04
Salinity regulation

05
Purified output

SCOPE OF SUPPLY

What we provide.

- ✓ Noble RO 60 system (NOB 60 · FLO NOBFLT60)
- ✓ 220 GPD reverse osmosis membrane
- ✓ Carbon block pre-filtration stage
- ✓ Integrated adjustable salinity regulator
- ✓ Silent external pump · wall-mount or floor-stand fittings
- ✓ Optional Comprehensive Maintenance plan

Where it fits best

Ideal for specialty coffee machines, steam and combi ovens, small ice makers and point-of-use drinking dispensers — especially where space is limited but water quality cannot be compromised.

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Specify the Noble RO 60 for your site.

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