



DARWIN 1-STAGE POINT OF ENTRY SYSTEM

DARWIN 1-Stage Point of Entry filters water as it enters the home, protecting appliances and avoiding mineral build-up in the future. Filtered water also is more cost-effective than bottled water, reducing the environmental impact on our landfills. Water purification can further limit the need for purchasing expensive, wasteful bottled water.

This filter technology has built in by-pass valve, allowing for easy filter replacement without the need to restrict the flow of water to the remainder of the home. By combining 10 Micron sediment filtration and carbon Block technology, DARWIN 1-stage Point of Entry allows the removal of chlorine and sediment from tap water.

Carbon filtration allows the reduction of chlorine taste and odour, providing fresh, clean and great tasting water from any sink in the home. By reducing chlorine in showers, it helps lessen the drying effects of chlorine, leaving hair and skin feeling softer and smoother.



DETAILED SPECIFICATIONS

Supplier	Pentair
Model	DWWAT001SSPE
Working pressure	210 - 600 kPa
Working water temperature	5 ~ 38°C
Flow rate	9.45 LPM
Environmental temperature	5 ~ 38°C
Cartridge life	113,562 L @ 15.14 LPM
Inlet and outlet size	¾" BSPT male thread

*Based on manufacturer's internal testing



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DARWIN DUAL SEDIMENT AND CARBON CARTRIDGES

DARWIN Dual Sediment and Carbon Cartridges are a unique, premium cartridge that utilizes several of the Pentair core competencies by merging technologies into one cartridge in order to bring customers a quality product.

DARWIN Dual Sediment and Carbon Cartridges offer the effective chlorine taste & odour reduction found in traditional carbon blocks, joined with the superior sediment reduction to resist premature plugging. These dual purpose cartridges are well-suited for a wide range of applications.



DETAILED SPECIFICATIONS

Supplier	Pentair
Model	DFX-CB-20BB
Part number	655152-43
Maximum dimensions	4.63" x 20.035" (117.60 mm x 508.89 mm)
Rating (nominal)*	10μ
Initial ΔP (PSI) @ Flow Rate (GPM)	1.0psi @ 4.0 gpm (0.07 bar @ 15.14 Lpm)
Chlorine taste & odour reduction @ flow rate	30,000 gal @ 4.0 gpm (113,562 L @ 15.14 Lpm)
Exterior Filter Media	Polypropylene Polyspun
Endcaps	Polypropylene
Temperature Rating	40°-125°
Interior Filter Media	Carbon Block
Gaskets	Buna-N



The DFX Series Diamond Flow cartridges are Tested and Certified by NSF International to NSF/ANSI Standard 42 for material requirements only.