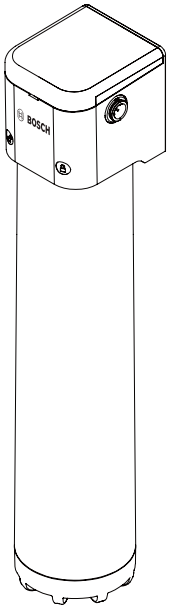
Water Filtration 1000
Direct Connect Water Filtration System

Performance Data Sheet

BOSCH

Overview and Certifications



IAPMO R&T WATER QUALITY PLATINUM SEAL IAPMO RESEARCH AND TESTING®

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Basic Product Information	
Model	**Water Filtration 1000 (TLH-TLCB1CLMPH4)**
Bosch Part Number	7738007508
Replacement Cartridge	Carbon CTO Filter (TLCB1CLMPH4)
Replacement Part Number	7738007512
Replacement Frequency[1]	6 mo. or 750 gal.
Rated Service Flow	1.5 gpm (5.68 L/min)
Operating Pressure Range	40 - 80 psi (275.8 - 551.6 kPa)
Operating Temperature	40 - 100 °F (4.4 - 37.8 °C)
Certification	The TLH-TLCB1CLMPH4 has been certified by IAPMO R&T to NSF/ANSI/CAN 372 for low lead compliance and to NSF/ANSI 42, NSF/ANSI 53 and NSF/ANSI 401 for the reduction of substances listed in the performance data sheet as substantiated and verified by test data.
Features & Benefits	
Installation Location	Point-of-use product, install under sink
Power Options	No electricity needed
Service	Filter cartridges can be serviced and replaced

[1] *Depends on the quality of incoming water as well as water usage.*

Contaminant Reduction Information

TLCB1CLMPH4 filter replacement element in the TLH-TLCB1CLMPH4 system has been certified and have been tested in the TLH-TLCB1CLMPH4 system to NSF/ANSI 42 for the reduction of the substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system as specified in NSF/ANSI 42 verified and substantiated by test data. TLCB1CLMPH4 replacement element in the TLH-TLCB1CLMPH4 system has also been tested according to NSF/ANSI Standards 53 for the reduction of cysts, lead, mercury, VOC, and Total PFAS, and certified to NSF/ANSI 372 for Low Lead Content.

Substance	Influent challenge concentration	Percent Reduction Requirement	Maximum Permissible Product Water Concentration
NSF/ANSI 42			
Chlorine, Taste and Odor	2.0 mg/L ± 10%	≥ 50%	
Chloramine	3.0 mg/L ± 10%	≥ 80%	
NSF/ANSI 53			
Asbestos	10^7 to 10^8 fibers/L; fibers > 10 µm in length	99%	
Cysts	Minimum 50,000/L	99.95%	
Lead @ 6.5 pH	0.15 mg/L ± 10%		0.005 mg/L
Lead @ 8.5 pH	0.15 mg/L ± 10%		0.005 mg/L
Mercury @ 6.5 pH	0.006 mg/L ± 10%		0.002 mg/L
Mercury @ 8.5 pH	0.006 mg/L ± 10%		0.002 mg/L
Total PFAS	0.00216 mg/L ± 20%		0.00002 mg/L
VOC	0.300 mg/L ± 30%	95%	
NSF/ANSI 401			
Microplastics	≥10,000 particles/mL	≥ 85%	
Atenolol	200 ng/L ± 20%		30 ng/L
Carbamazepine	1400 ng/L ± 20%		200 ng/L
DEET	1400 ng/L ± 20%		200 ng/L
Linuron	140 ng/L ± 20%		20 ng/L
Metolachlor	1400 ng/L ± 20%		200 ng/L
Meprobamate	400 ng/L ± 20%		60 ng/L
Trimethoprim	140 ng/L ± 20%		20 ng/L
TCEP	5000 ng/L ± 20%		700 ng/L
TCPP	5000 ng/L ± 20%		700 ng/L
Bisphenol A	2000 ng/L ± 20%		300 ng/L
Estrone	140 ng/L ± 20%		20 ng/L
Ibuprofen	400 ng/L ± 20%		60 ng/L
Naproxen	140 ng/L ± 20%		20 ng/L
Nonylphenol	1400 ng/L ± 20%		200 ng/L
Phenytoin	200 ng/L ± 20%		30 ng/L

Not all water will contain contaminants listed. Testing performed under standard laboratory conditions; actual performance may vary.

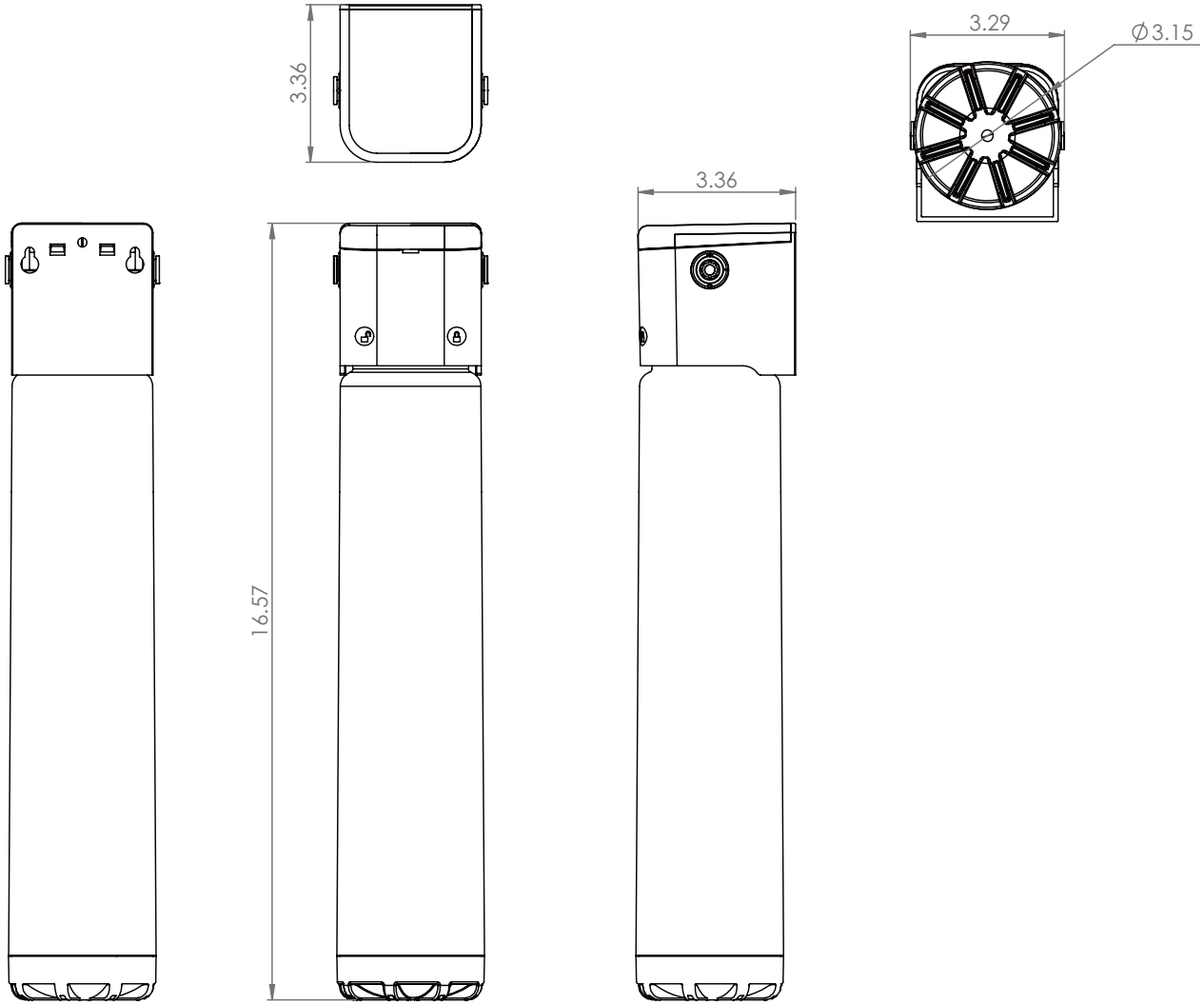
Filter is only to be used with cold water. Filter usage must comply with all state and local laws. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

Compounds certified under NSF/ANSI 401 have been deemed as 'incidental contaminants / emerging compounds.' Incidental contaminants are those compounds that have been detected in drinking water supplies at trace levels. While occurring at only trace levels, these compounds can affect the public acceptance/perception of drinking water quality.

Systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts.

Manufactured for Bosch by Paragon Water Systems, Inc

Dimensions



Bosch Thermotechnology Corp. reserves the right to make changes without notice due to continuing engineering and technological advances | BTC 756008302 A | 06.2026

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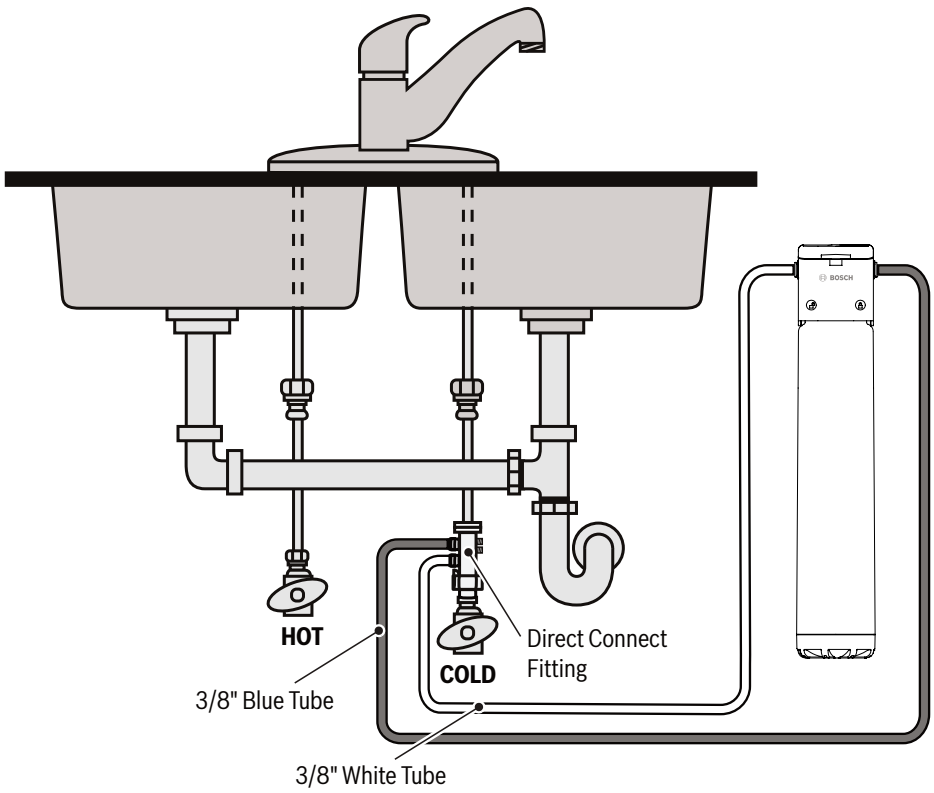
Installation Example



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