

# BF46160-SPS

FUEL/WATER SEPARATOR



FOR CUMMINS® B6.7, ISB 6.7, ISL9, L9, QSB 4.5/6.7, QSF 3.8, QSL 9





# HIGH EFFICIENCY TOUGH PROTECTION **BF46160-SPS**



Stricter emission regulations have forced engine manufacturers to design cleaner, more efficient engines. These new engine systems require higher fuel pressures and tighter tolerances.

Microscopic particles in the fuel, under high pressure, can cause abrasive wear, severely damaging fuel injection system components.

Baldwin Filters' BF46160-SPS high efficiency fuel filter, helps prevent premature injector wear and costly downtime by keeping fuel clean and high-precision fuel systems operating at maximum efficiency.

## CLEANER FUEL EQUALS **LONGER ENGINE LIFE**

The Baldwin BF46160-SPS fuel filter removes harmful particles to ensure clean fuel flows to sensitive fuel system components.

- **Quality filtration that meets OE performance**
- **Outstanding efficiency at removing critical, microscopic contaminants down to 4 microns**
- **Contaminant-holding capacity to match the toughest jobs**

## A CLEANER FILTER WITH **ENGINEERED PLASTIC COMPONENTS**

The engineered plastic of the BF46160-SPS is compatible with diesel fuels and can withstand extreme temperature, pressure and vibration, while maintaining structural integrity. The durable construction of the BF46160-SPS ensures clean fuel is delivered to your fuel system, protecting sensitive fuel system components.

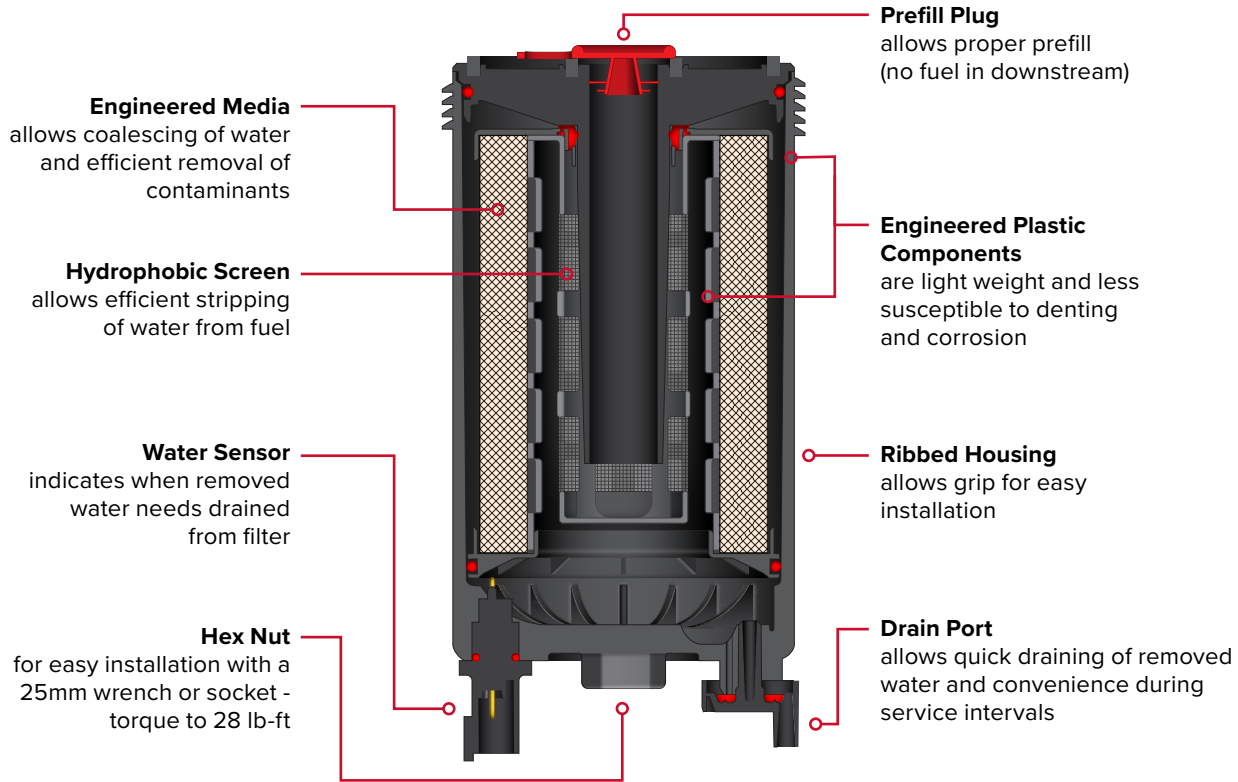
### ADVANTAGE OF PLASTIC COMPONENTS OVER METAL

- **Reduces damage caused from denting**  
Providing durable protection in a light weight design
- **Prevents corrosion when exposed to fluids**  
Allowing clean fuel to flow to the fuel system
- **Provides a clean environment for fuel flow**  
Protecting sensitive fuel pumps and injector tips
- **Gives more options for disposal**  
Providing easier break down for recycling



# ADDED DESIGN FEATURES FOR **EASY INSTALLATION AND REMOVAL**

You've got work to get done. Your time is important. With tighter engine configurations, servicing your equipment can be difficult. You need a filter that works with you, not against you. The design of the Baldwin BF46160-SPS makes installation, removal and disposal easier.

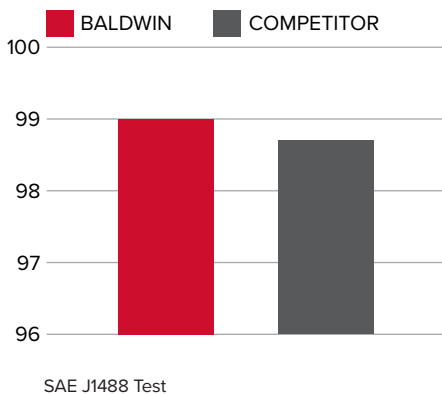


# HIGH STANDARDS **FOR CLEANER FUEL**

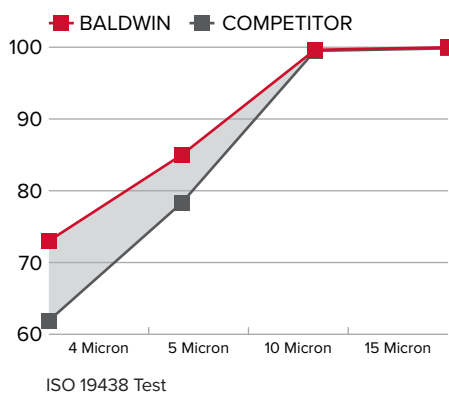
Precise industry standard ISO testing shows the BF46160-SPS delivers quality fuel filtration that meets strict OE performance requirements.

The BF46160-SPS delivers outstanding contaminant-holding capacity, while removing damaging particles down to 4 microns. Hydrostatic burst testing also shows the durable design and construction of the BF46160-SPS withstands pressures up to 400 psi.

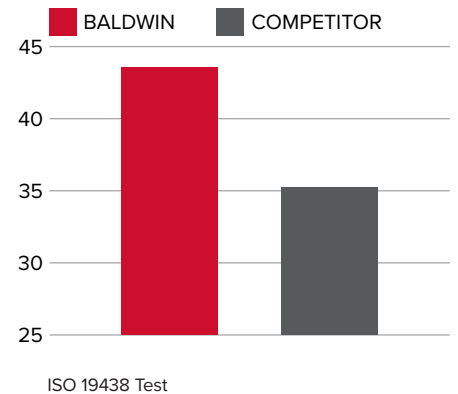
**WATER REMOVAL EFFICIENCY (%)**



**EFFICIENCY (%)**



**CAPACITY (g)**



## APPLICATIONS

### AUTOCAR

MODEL	ENGINE
Xpedito (2017-20)	Cummins L9
Xpert (2018-20)	Cummins B6.7
Xpert (2018-19)	Cummins L9
Xspotter On Road (2017-20)	Cummins B6.7
Xspotter On Road (2016)	Cummins ISB6.7

### BLUE BIRD

MODEL	ENGINE
All American FE, All American RE (2017-20)	Cummins B6.7
All American FE, All American RE (2018-21)	Cummins L9
All American FE, All American RE (2017)	Cummins ISB 6.7 (6.7L)
SHL All American (2020)	Cummins B6.7
TC2000 (2017)	Cummins B6.7
Vision School Bus (2017-20)	Cummins B6.7

### CAPACITY OF TEXAS

MODEL	ENGINE
Sabre 5 (2017)	Cummins B6.7
TJ5000, TJ6500 (2018-20)	Cummins B6.7
TJ9000 (2019-20)	Cummins B6.7

### EMERGENCY ONE

MODEL	ENGINE
Emergency One (2018)	Cummins L9

### FREIGHTLINER

MODEL	ENGINE
108SD (2017)	Cummins ISB6.7
108SD (2018-20)	Cummins B6.7
108SD (2017-20)	Cummins L9
114SD (2017)	Cummins ISL9
114SD (2017-20)	Cummins L9
B2 (2017-20)	Cummins B6.7
Lowered Rail (2018)	Cummins L9
M2 106 (2017-20)	Cummins B6.7, L9
M2 112 (2017-20)	Cummins L9
MB Line, MC Line (2018-20)	Cummins B6.7
Modular Rail (2018-20)	Cummins B6.7, L9
MT45, MT55 (2017-20)	Cummins B6.7
Raised Rail (2018-20)	Cummins B6.7, L9
S2 106 RV (2018)	Cummins B6.7
S2C Chassis (2018-20), S2G Chassis (2018)	Cummins B6.7
S2RV (2018-20)	Cummins B6.7
Straight Rail (2018-20)	Cummins B6.7, L9
XB Straight Rail (2018-20)	Cummins B6.7, L9
XBA (2018), XBA ARBOC (2018-20)	Cummins B6.7
XC (2018-20)	Cummins B6.7
XC Lowered Rail (2018)	Cummins L9
XC Modular Rail, XC Raised Rail (2018-20)	Cummins B6.7, L9
XC Straight Rail (2018-20)	Cummins B6.7
XC Straight Rail (2020)	Cummins L9
XCR (2019)	Cummins B6.7, L9

### INTEGRATED COACH

MODEL	ENGINE
1300 FBC (2018-20)	Cummins B6.7
CE Commercial, CE School Bus (2017-20)	Cummins B6.7
HC Integrated Commercial (2018-19)	Cummins B6.7
RE Commercial, RE School Bus (2019-20)	Cummins L9
TC Commercial Bus (2020)	Cummins B6.7

## CROSS-REFERENCE

BALDWIN	OE	DONALDSON	FLEETGUARD	LUBER-FINER	FRAM	WIX
BF46160-SPS	5319680	-	FS1098	-	-	-

### INTERNATIONAL

MODEL	ENGINE
DuraStar 4300, DuraStar 4300LP (2017-20)	Cummins B6.7
DuraStar 4300 (2018)	Cummins L9
DuraStar 4400 (2017-20), DuraStar 4400LP (2019)	Cummins L9
DuraStar 4400LP (2018)	Cummins B6.7
HV507, HV607 (2018-20), MV607 (2019-20)	Cummins B6.7, L9
WorkStar 7300 (2017)	Cummins B6.7
WorkStar 7300, 7400 (2017)	Cummins ISB 6.7
WorkStar 7400, 7500 (2017-20)	Cummins L9

### JCB

MODEL	ENGINE
427 AGRI (2016), 435S (2018)	Cummins QSB 6.7

### MACK

MODEL	ENGINE
Anthem (2020)	Cummins L9
Granite (2017)	Cummins ISL9
Granite / GU Series (2017-20)	Cummins L9
MD6, MD7 (2020-21)	Cummins B6.7

### MOTOR COACH INDUSTRIES

MODEL	ENGINE
J3500 (2019)	Cummins L9

### NEW FLYER

MODEL	ENGINE
Xcelsior (2018-20)	Cummins B6.7, L9

### OTTAWA

MODEL	ENGINE
T2 (2017-20), T2E (2020)	Cummins B6.7

### PETERBILT

MODEL	ENGINE
365 (2018-20)	Cummins L9

### SPARTAN MOTORS

MODEL	ENGINE
Gladiator (2018-19), K2 (2018-20)	Cummins L9
Metro Star (2017-20), Metro Star X (2018)	Cummins L9

### TEMSA BUS

MODEL	ENGINE
TS30 (2020)	Cummins B6.7
TS35 (2017-20)	Cummins L9

### THOMAS

MODEL	ENGINE
SAF (2017-20)	Cummins B6.7
SAF (2018-20)	Cummins L9
Transit Liner (2018-20), Transit Liner HDX (2018-20)	Cummins B6.7, L9

### TIFFIN MOTORHOMES

MODEL	ENGINE
Allegro, Phaeton (2018)	Cummins L9

### WESTERN STAR

MODEL	ENGINE
4700, 4700SB, 4700SF (2017-20)	Cummins L9

For more applications, refer to the BF46160-SPS reference guide (Form 667).



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Designed and manufactured in the USA.

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**WARNING:** These products can expose you to chemicals, including Diisononyl Phthalate, Carbon black extracts, Nickel, 1,3 Butadiene, Ethylene Oxide, Epichlorohydrin, which are known to the State of California to cause cancer, and Bisphenol-A, Ethylene Glycol, Ethylene Oxide, 1,3 Butadiene, Epichlorohydrin, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).