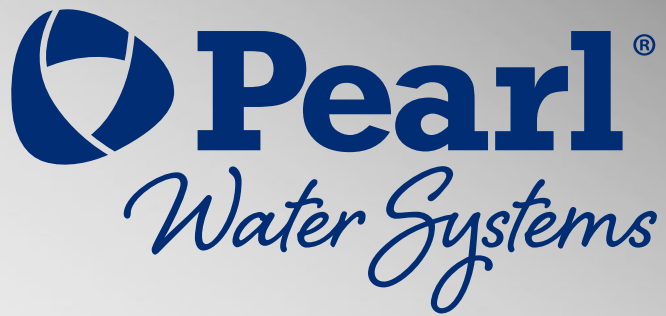




BLACKPEARL

Intelligent Boosting
System



BLACKPEARL

INTELLIGENT BOOSTING SYSTEM



BLACKPEARL is an integrated booster for residential and light commercial water.

This revolutionary design is changing water pressure management, offering exceptional performance in a small package.

Thanks to advanced engineering, BLACKPEARL uses state-of-the-art technology to ensure constant pressure while reducing noise, and energy consumption. The permanent magnet motor, the beating heart of BLACKPEARL, delivers power and energy efficiency.

With compact dimensions, BLACKPEARL integrates easily into any environment, offering fast and intuitive installation without the use of special tools. Its self-priming capacity, makes BLACKPEARL suitable for various applications, even when suction lift is required.

The patented design of sealed opposed spring-loaded, replaces the tank's functionalities. BLACKPEARL is the first constant pressure booster unit without a tank, so precharge is not needed.

The future of residential and light commercial



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INTELLIGENT BOOSTING SYSTEM



QUICK-CONNECT FITTING

BLACKPEARL fittings are designed to allow you to install it by hand without the use of any special tools.

Once you take it out of the package, simply connect it to the power supply and system piping.

CONTROLLED REMOTELY

Thanks to the Bluetooth® connection, you can control your system remotely, conveniently and intuitively via the BLACKPEARL app.

Download it from the App Store or Google Play.

EASY TO USE AND INTUITIVE

The BLACKPEARL user interface provides simple and immediate parameter settings and controls. All you have to do is set the working pressure.



BLACKPEARL 2X

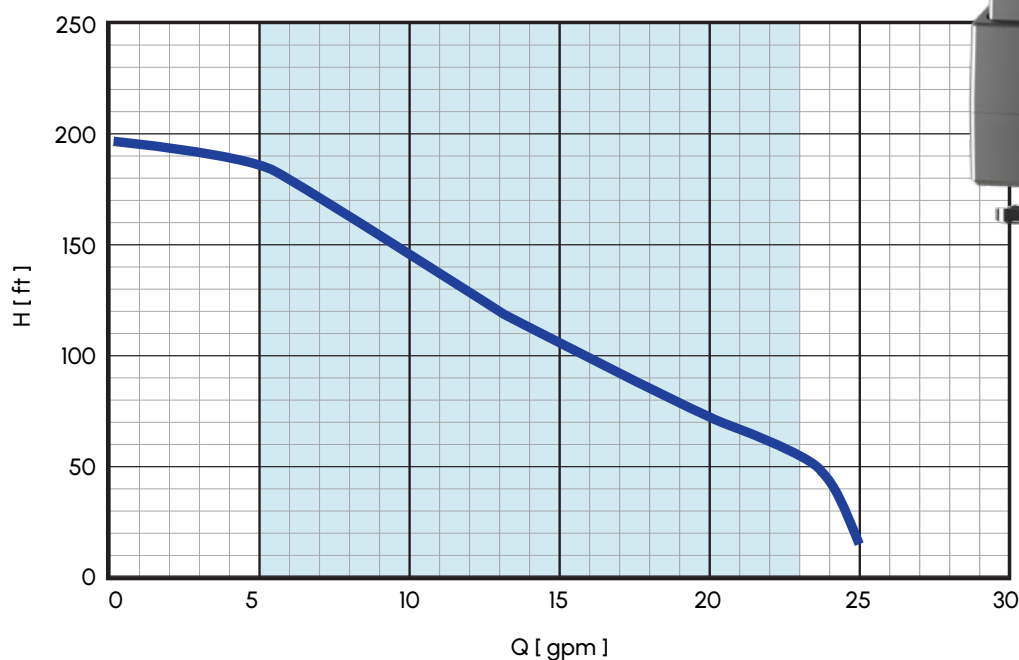
Do you need a greater flow rate?
With the manifold kit you can
have twice as much!

Connect two BLACKPEARL units
and double the performance,
ensuring optimal pressurization
in larger buildings or commercial
applications.



Performance curves

BLKP 10FIVS



Technical specifications

Max. Flow Rate	24 gpm
Max. Head	196 ft
Motor Efficiency	High Efficiency IE5
Sound Level	<43 dBA *
Input Voltage	115V/230V
Max. Current Draw	9.0 A / 4.6 A
Liquid Temperature	41 - 113 °F
Ambient Temperature	41 - 122 °F
Pipe Connections	1" NPT
Enclosure Rating	NEMA 12

* At optimal operating conditions.

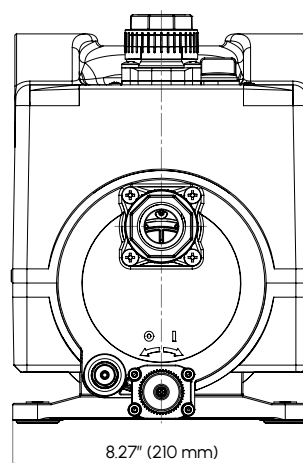
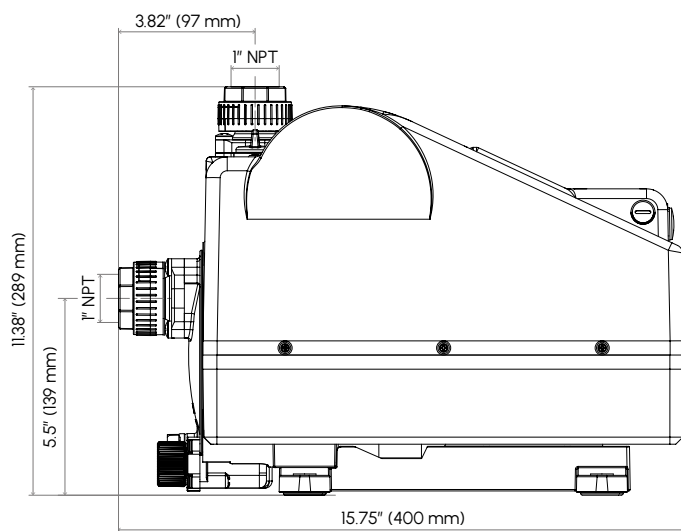
BLACKPEARL

INTELLIGENT BOOSTING SYSTEM



Dimensions

BLKP 10F1VS



Weight: 28 lbs

Packaging dimensions

MODEL	DIMENSIONS			WEIGHT
	L	W	H	lbs
BLKP 10F1VS	16.6"	9.2"	13"	29.8



BLACKPEARL 2X

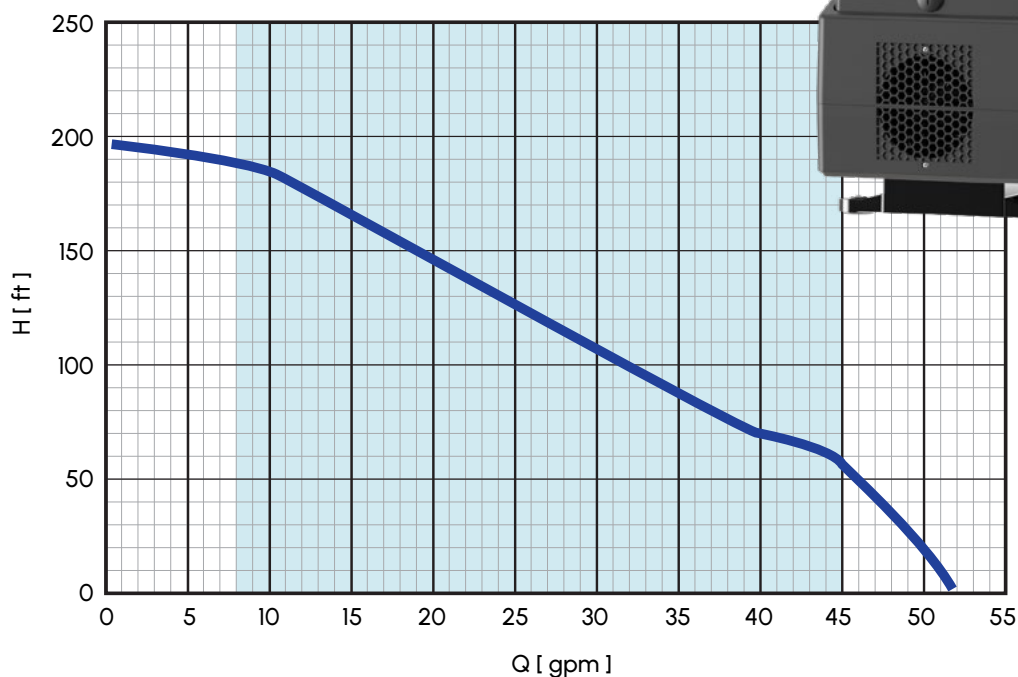
INTELLIGENT BOOSTING SYSTEM



Connect two BLACKPEARL units and double the performance, you can guarantee optimal pressurization in larger buildings or commercial applications.

Performance curves

BLKP 10FIVS X2



Technical specifications

Max. Flow Rate	48 gpm	
Max. Head	196 ft	
Motor Efficiency	High Efficiency IE5 (95%)	
Sound Level	<43 dBA *	
Input Voltage	115V/230V	
Max. Current Draw	115 V	9.0 A per unit (18.0 A total)
	230 V	4.6 A per unit (9.2 A total)
Liquid Temperature	41 - 113 °F	
Ambient Temperature	41 - 122 °F	
Pipe Connections	1¼" NPT	
Enclosure Rating	NEMA 12	

* At optimal operating conditions.

** To correctly size the electrical protection, please consider that when BLACKPEARL 2X is working at full capacity (both units in operation) the max current could be 18A when powered at 115V and 9.2A when powered at 230V.



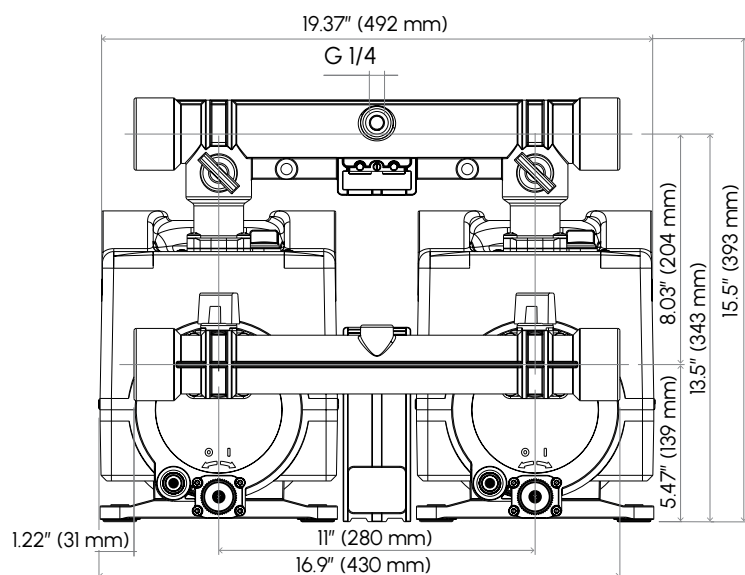
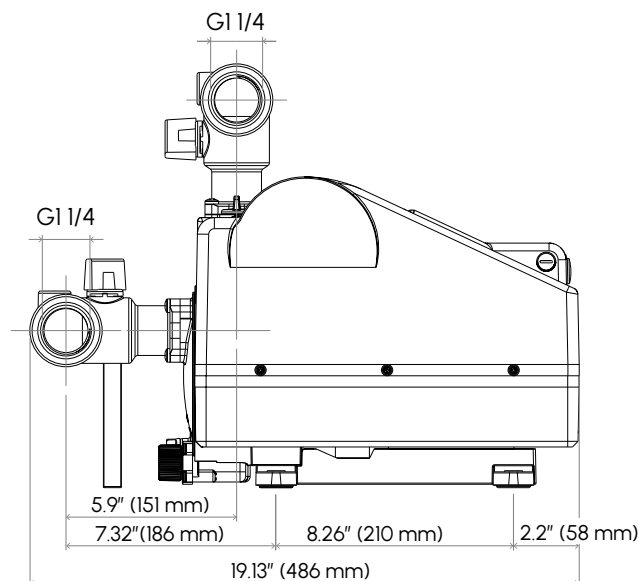
BLACKPEARL 2X

INTELLIGENT BOOSTING SYSTEM



System dimensions

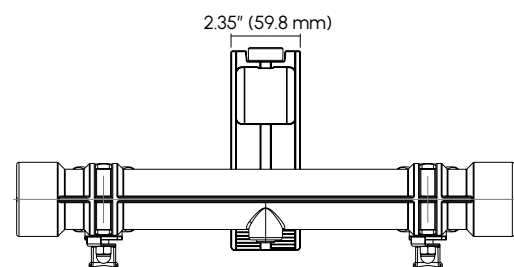
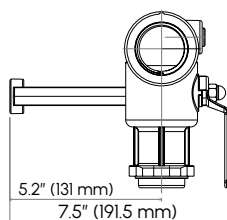
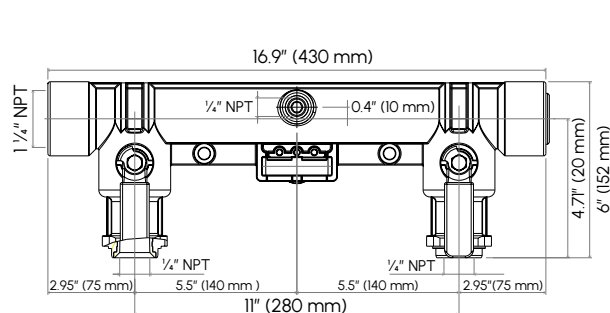
BLKP 10FIVS X2



Weight: 64 lbs

Manifold dimensions

BLKP-2X125D



Packaging dimensions

MODEL	DIMENSIONS			WEIGHT
	L	W	H	lbs
BLKP 10FIVS X2	34"	21"	17.5"	72
BLKP-2X125D	17.2"	6.6"	7.8"	22



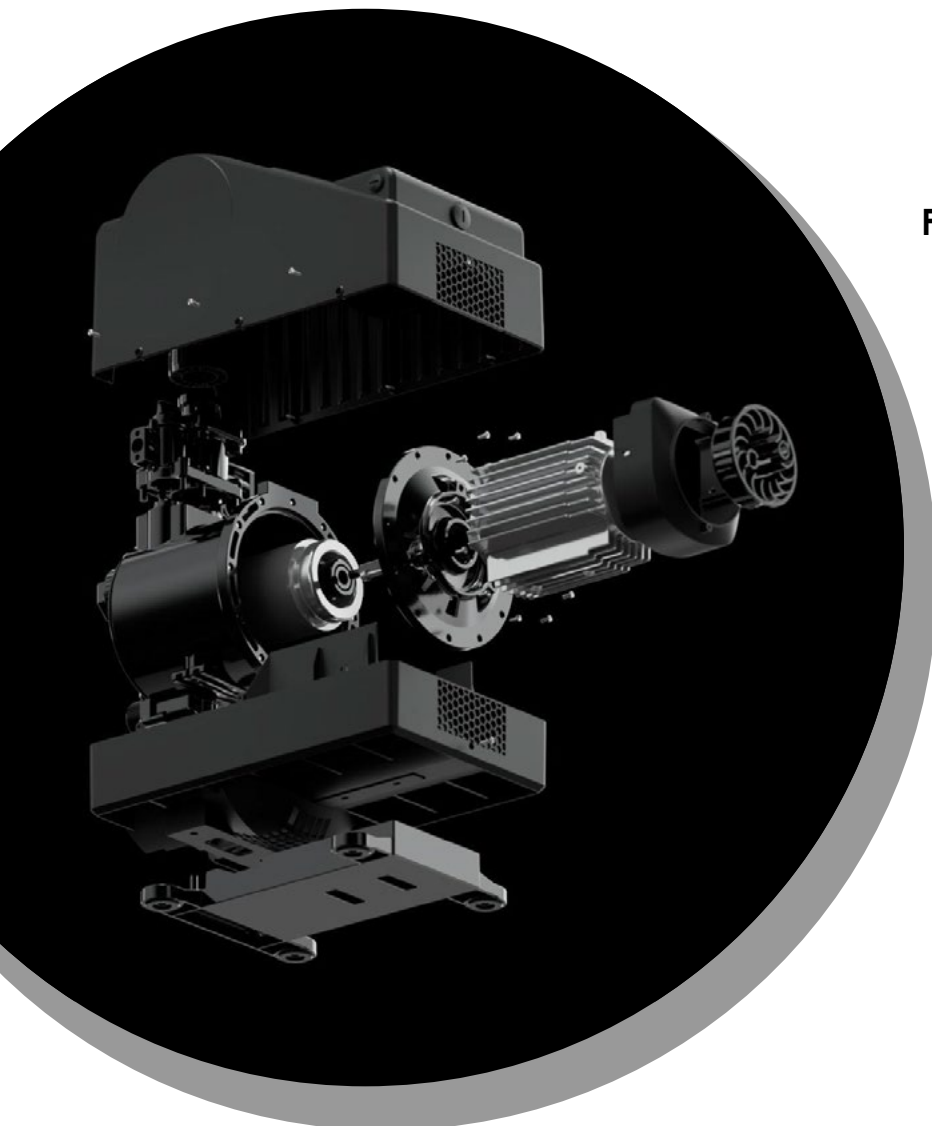
BLACKPEARL

INTELLIGENT BOOSTING SYSTEM

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This revolutionary design is changing water pressure management, offering exceptional performance in a small package.

- SELF-PRIMING PUMP
- HORIZONTAL MULTISTAGE (3 IMPELLERS)



FEATURES

- PRECISION AND DURABLE GFN PUMP
- PERMANENT MAGNET MOTOR
- OPTIMIZED FAN FOR REDUCED NOISE AND COOLING
- SPRING RAM OPPOSED DEVICE FOR ANTI-WATER HAMMER CONTROL
- MAINTENANCE AND PRECHARGE FREE (NO PRE-CHARGED TANK REQUIRED)
- PATENTED DESIGNED SYSTEM
- IE5 EFFICIENCY
- QUICK CONNECT FITTINGS
- SIMPLE INSTALLATION
- COMPACT & ULTRA QUIET DESIGN