



DESIGN  
AWARD  
2021

**VIFIDI**  
Bullet VFD



**All-In-One & In-Line  
Inverter Pump Manager  
Faster + Easier + Silent  
Constant Pressure Solutions**

# VIFIDI Bullet VFD

VIFIDI Bullet VFD is the world's first all-in-one & in-line inverter pump manager to upgrade and manage most of the water pumps. It provides constant water pressure, and saves energy for most kinds of water usage. The product is integrated with all the required functionalities of a conventional inverter booster pump. With this design, the assembly time & cost of an inverter booster pump are significantly reduced, which sets up a new industry standard.

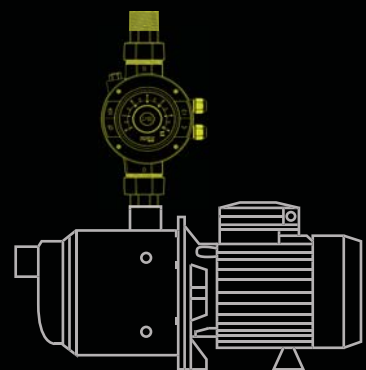
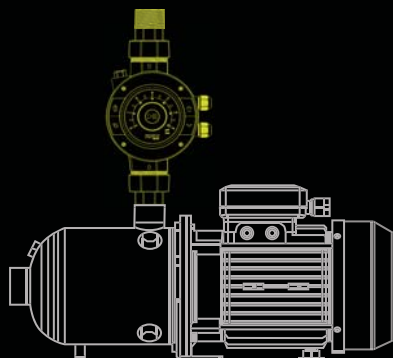
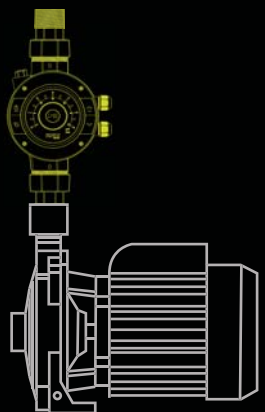
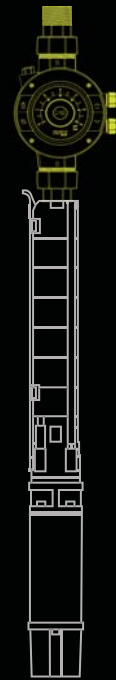
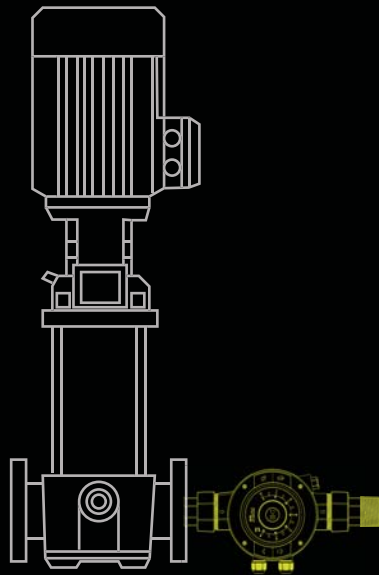
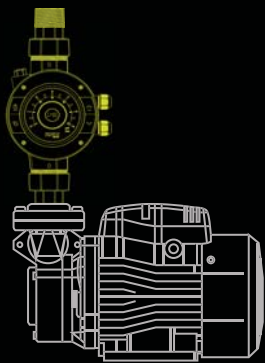
## Features & Benefits

- **All-In-One:** Integrate all the required functionalities of a conventional inverter booster pump
- **In-Line design:** Easier assembling for time-saving
- **One-For-All:** Adapt to most types and brands of water pump
- **Intuitive interface:** Smarter setting and indication for pressure & error status
- **Constant water pressure:** Better water usage experience
- **Energy saving up to 50%:** Lower electricity bill and eco-friendly
- **Lower operating noise:** Good night sleep and better life
- **Work in multiple directions:** Flexible installation + pipework
- **All-Around protections:** Pump lifetime extending and safer operation

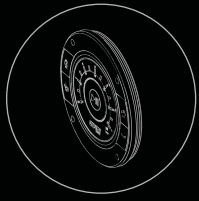
# All-Around Protections

- . Over and low voltage protection
- . Over current protection
- . Locked rotor protection
- . Phase failure protection
- . Excess temperature protection
- . Dry running protection
- . Leakage warning
- . Over pressure protection
- . Anti-freezing protection

## One-For-All

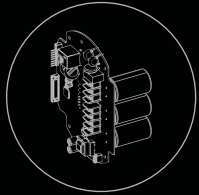


# All-In-One



## **PumpEye panel**

Intuitive interface for smarter setting, and indication for pressure & error status



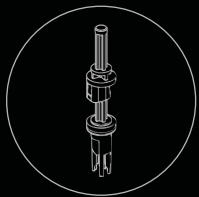
## **VFD / VSD inverter & pump protector**

Provide variable speed, constant water pressure, soft start & stop  
Energy saving  
All-around protection for water pump and piping



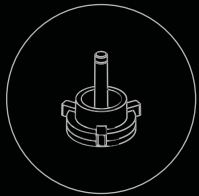
## **Pressure sensor**

High-quality pressure sensor for precise + longevity operation



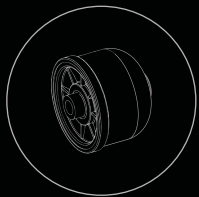
## **Flow switch**

Precise flow switch to achieve stable operation even  
at 2L/min (0.53GPM) water usage



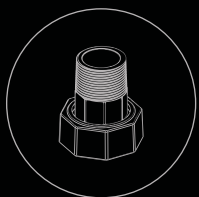
## **Check valve**

Durable non-return check valve to prevent back flowing  
and water hammer damage



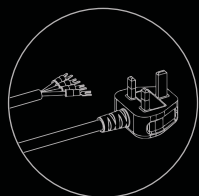
## **Pressure tank**

Rechargeable 0.6L (0.16gallon) SS304 pressure tank to prevent  
pump short cycling and water hammer damage



## **Union pipe connectors**

Standard M1" (25mm), 1-1/4" (32mm), 1-1/2" (38mm), and  
a longer M1" (25mm) for taller junction box



## **Cable**

0.5M (19.7") cable with Y type terminal for pump connection;  
1.5M (59") cable with plug for electricity connection

# VIFIDI Bullet VFD

**FOR THE PROUD MEN**



## General data

Model	Max. pump power	Max. phase current	Absorbed current	Power in 200V~240V	Power out 200V~240V
BV1-08.A.2	0.8kW (1.0HP)	6A	9A	1 phase	1 phase
BV1-11.A.2	1.1kW (1.5HP)	8A	13A	1 phase	1 phase
BV1-11.B.2	1.1kW (1.5HP)	6A	10A	1 phase	3 phase
BV1-15.B.2	1.5kW (2.0HP)	8A	15A	1 phase	3 phase

- Pressure setting range: 1bar~6bar (14psi~84psi)
- Variable frequency range:
  - 50Hz: 1 phase out : 35Hz~50Hz / 3 phase out : 30Hz~50Hz
  - 60Hz: 1 phase out : 35Hz~60Hz / 3 phase out : 30Hz~60Hz
- Max. system pressure: 10bar (145psi)
- IP: 55
- Max. water temp: 50° C (122° F)
- Max. ambient temp: 50° C (122° F)
- Inlet/Outlet thread:
  - Standard M1" (25mm), 1-1/4" (32mm), 1-1/2" (38mm), and a longer M1" (25mm) for taller junction box
  - RP or NPT thread
- Max. flow: 300L/min (79.3GPM)
- Dimension without union pipe connector (LxWxH): 230mmx170mmx230mm (9.1"x6.7"x9.1")
- Package Size (LxWxH): 250mmx250mmx240mm (9.9"x9.9"x9.5")

## Social Media



## InfoScan



## VIFIDI Inc.

info@VIFIDI.com

- More info
- Join Rep / Distributorship programs
- OEM / ODM collaboration

www.VIFIDI.com

# VIFIDI

