

**VORTEX HIGH EFFICIENCY
DOMESTIC HOT WATER PUMPS**

BLUEONE

**THE NEW SERIES.
12V DIRECT CURRENT-VERSION.**



**FOR DECENTRALIZED
CIRCUITS**

The autonomous solution for decentralized water circuits (mobile homes, vessels etc.)



EXTREMELY SILENT

Silky smooth operation due to specially designed EC motor.



**EXTREMELY
ECONOMICAL**

Low power consumption (2 – 7 Watts) – but even so powerful.





ONCE BLUE ONE ALWAYS BLUE ONE

INNOVATIVE DETAILS MAKE IT UNIQUE.



EXTREMELY SILENT.

The pump is almost noiseless during operation. This is due to the special design of the electronically commutated direct current motor.



COMPACT DESIGN.

Vortex has reduced the pump length to an absolute minimum – the optimal solution when space is limited.



ALWAYS FITS.

Motors BWO 155 12V are compatible with the existing pump housings of the former DC pumps of the NP type.



SIMPLE CABLE CONNECTION.

Toolless cable connection. Just connect two cables.



ADJUSTABLE SPEED.

It takes no time at all. Adjust power consumption and pump performance by just one turn.



GENUINE DRY RUN PROTECTION.

A lack of water in the housing is recognised immediately. Rotor run is then consistently stopped.

A PUMP OF A KIND, ONLY VORTEX CAN PROVIDE. SILENT, COMPACT, LONG-LIVING, ECONOMIC.

The new domestic hot water circulation pump series by Vortex is equipped with a highly efficient electronically commutated direct current motor (ECM technology). The VORTEX BWO 155 12V can be used for drinking water circuits and small heating circuits in vehicles.



BWO 155 V 12V

12 V Direct Current
with V pump housing
Order No.: 434-111-001



BWO 155 R 12V

12 V Direct Current
with R 1/2" pump housing
Order No.: 434-121-000



BWO 155 12V

12 V Direct Current
Universal-Motor
Order No.: 434-101-000

TECHNICAL DATA



Drive:
shaftless, blocking
current resistant spher-
ical motor with ECM
technology

Max. delivery head:
1.3 m

Max. delivery:
950 l/h

Voltage:
12 V Direct Current

Temperature
resistance: 95 °C

Operating
pressure: 10 bar

Protection class:
IP 44

Speed range:
2.000 bis 3.000 min⁻¹

Power consumption:
2-7 W

DEUTSCHE VORTEX GMBH & CO. KG