

# Is your Ballast Water Management System ready for 2024? Act Now!

With BWM regulations in force since 2017, existing vessels have until September 2024 to implement a ballast water treatment system... Castle Pumps have over 10 years' expertise in specifying type approved pumps, so we'll find you the **RIGHT** pump for any of your on-board processes!



IACS



## INDUSTRY LEADING PUMP SUPPLIER

**Type Approval** – Marine type approved pumps by all classification societies

**Priming Pumps** – Enabling the complete emptying of the ballast tank

**Material Options** – Pumps available in bronze; ideal for seawater, with better lead times & cost than stainless

**Six Pole Motors** – To subject parts to less wear & reduce the risk of system shock

**Performance** – Flow capabilities up to 5000m<sup>3</sup>/hr & pressure up to 190m for all ballast tank sizes

**Space Saving** – Vertical inline design for when installation space is an issue

## PROVEN BALLAST SOLUTIONS: AZCUE VM



## AZCUE VR



## UK AGENT OF AZCUE PUMPS

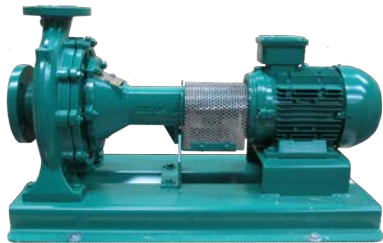
- ✔ All pumps are verified for use onboard vessels
- ✔ 100% pump testing regime & class certificates available
- ✔ Own foundry in Spain for complete production control
- ✔ Guaranteed supply of spares for 15 years
- ✔ Complete pump packages from one manufacturer
- ✔ Interchangeable spares to reduce on board stock
- ✔ Match existing pump/pipework for easy replacement
- ✔ Fast track production on selected models
- ✔ Pumps packed to IPM15 as standard
- ✔ Pumps for all marine uses - not just seawater!



CASTLE PUMPS LTD

# Ballast Pump Range

## Types Available



### HORIZONTAL PUMPS.

**Models** – AN, BOB, CA, MN

**Max. Flow** – 2000 M<sup>3</sup>H

**Max. Pressure** – 150M

**Max. Temperature** – 190°C

**Outlet Sizes** – DN 1.25-250

**Models from stock** ✓

**Self priming options** ✓

**ATEX rated models** ✓



### VERTICAL PUMPS.

**Models** – CM, LD, LN, VB & VA, VM & VR

**Max. Flow** – 6000 M<sup>3</sup>H

**Max. Pressure** – 190M

**Max. Temperature** – 130°C

**Outlet Sizes** – DN 25-400

**Models from stock** ✓

**Self priming options** ✓

**ATEX rated models** ✓



### SELF PRIMING PUMPS.

**Models** – AN, BOB, CA, CM, LD, LN, MN, VB & VA, VM & VR

**Max. Flow** – 6000 M<sup>3</sup>H

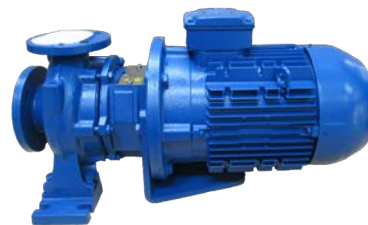
**Max. Pressure** – 190M

**Max. Temperature** – 190°C

**Outlet Sizes** – DN 1.25-400

**Models from stock** ✓

**ATEX rated models** ✓



### ATEX RATED PUMPS.

**Models** – AN, BOB, CA, CM, LD, LN, MN, VB & VA, VM & VR

**Max. Flow** – 6000 M<sup>3</sup>H

**Max. Pressure** – 190M

**Max. Temperature** – 190°C

**Outlet Sizes** – DN 1.25-400

**Self priming options** ✓



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