

HIGH PRESSURE WATER UNIT

ND-CNZ370

NORTHERN DIVER
OPENWATER SUITS & EQUIPMENT

One Unit For All Underwater Operations

The CNZ370 is Northern Divers powerful high-pressure unit especially developed for providing underwater tools and cavitation cleaning guns with water under high-pressure. The high-pressure unit is electrical driven and meets latest IE4 standards. The CNZ370 delivers water pressures up to 1000bar (14500psi) and is still only 760mm (30") in length, 880mm (35") in width and 880mm (35") in height. Northern Diver developed a salt-water version of the CNZ370 high-pressure unit, made out of special ultra-high corrosion resistant materials. The pump is very low in maintenance and has a stainless steel frame with lifting eyes and forklift notches. A variety of underwater operations can be performed in combination with the CNZ370 intelligent high-pressure unit, such as: high-pressure cleaning, cavitation cleaning, drilling and grinding.

Stepless pressure and flow adjustments

The intelligent high-pressure unit has a frequency converter that controls optimal power at different speeds. The converter allows stepless adjustments in water pressure and flow. The torque and rotation speed of the DR200 drilling and the GR200 grinding tools can be stepless adjusted this way. Water pressures for cavitation cleaning can be adjusted for cleaning different materials without damaging cleanable materials. The intelligent unit increases the pump's speed gradually for minimum charging the power supply and pressure, flow and preprogrammed settings can be selected and programmed remotely via Internet or over Wi-Fi (max. 20mtr). Software updates and assistance are provided remotely when required. Northern Diver CNZ370 controls an electrical prepressure pump for the use with a water tank or at open waters when tap water is not available.



PROPERTIES

- > IE4 super premium efficiency pump drive
- > Stepless pressure regulation
- > Stepless flow regulation
- > Full stainless steel frame
- > Strong, lightweight frame
- > Options for lifting eyes and forklift notches
- > SIR certified
- > Double wired remote control with emergency stop
- > Ethernet connection for additional options
- > Electronic over- and under pressure monitoring
- > Electronic water pressure monitoring

TECHNICAL DATA

Type	Pressure	Flow	Power
CNZ370_1000_20S	1000bar (14,500psi)	20ltr./min. (5.3 gal/ min.)	37kW
CNZ370_600_32 S	600bar (8,700psi)	32ltr./min. (8.5 gal/ min.)	37kW
CNZ370_500_42 S	400...5000bar (5800...7250psi)	42 ltr/ min. (11.1 gal/ min.)	37kW
CNZ370_400_54 S	300...400 bar (4350...5800psi)	54 ltr/ min. (14.3 gal/ min.)	37kW
CNZ370_340_70 S	280...340 bar (4060...4930psi)	70 ltr/ min. (18.5 gal/ min.)	39kW

SPECIFICATIONS

Power	40Kw, 400v, 50Hz
Weight	280 Kg (620lbs)
Dimensions LxWxH	760x880x880mm (30"x35"x35")
Ingress protection	IP54

NORTHERN DIVER INTERNATIONAL LTD

East Quarry, Appley Lane North, Appley Bridge, Wigan, WN6 9AE, UK
Telephone: +44 (0) 1257 25 44 44. Email: info@ndiver.com. Visit: www.ndiver.com

