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## Kinergetics Chamber/ Bell Scrubber (DH21)

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The Kinergetics DH21 Chamber Heater is one of the most widely recognised hyperbaric environmental products in the industry. Used in diving chambers and bells the DH21 can be converted for use as either a chamber/bell heater or scrubber by the attachment of a scrubber canister or heating coil to a common frame and blower unit.

The scrubber version of the DH21 stands at 403mm tall, compared to 336mm tall for the heater. The increased height is a result of a sodalime capacity of 5.5kg. The radial flow design 'draws' chamber gas in from the outside of the scrubber canister and into the gas flow chamber running centrally through the length of the canister opening into the air mover unit. As the chamber or bell air passes through the sodalime it is 'scrubbed' of carbon dioxide molecules before entering the gas flow chamber and exiting the scrubber back into the atmosphere. The scrubber has a flow rate of 0.85m<sup>3</sup>/min.

- Manufactured from stainless steel, the DH21 has a robust design, with excellent resistance to corrosion.
- It operates at a lower cost and uses less power than previous scrubber and heater designs. The air mover can be used for either heater or scrubber.
- Less spares are required as compared to older style models with more parts and a more complicated assembly.
- The unit is smaller than previous scrubber and heater designs and there are vibration eliminators which are used in mounting for quiet operation.
- Micro cut-out switch eliminates electrical overload in event of fan being interfered with. Can be reset by switching on/off power supply.

- It will operate on 24 volt AC/DC 0.8 amp at surface, 1.2 amp at depth.
- Comes fitted with EO connector.
- The mounting is the same as the DH12, directly interchangeable.
- The Kinergetics Heater or Scrubber is provided with a 12 month/3,000 hours standard warranty.

### Specification

Flow Rate	0.85 m <sup>3</sup> /min (actual)
Weight (Empty)	10 kgs
Sodalime Capacity	5.5 kgs
Power Requirement	24v AC or DC 0.8 Amp with Heliox at surface 1.2 Amp with Heliox at 450 MSW

Specifications are subject to change without notice.

#### Kinergetics DH21 Scrubber (complete)

Order Code KI17018

#### Scrubber Cannister Assembly Only

Order Code KI14905RF

#### Blower Assembly for Heater or Scrubber

Order Code KI17022