

# Clifton Circulating Water Baths

## NE4 - HT Series Circulating Digital Baths

*Clifton Range®*

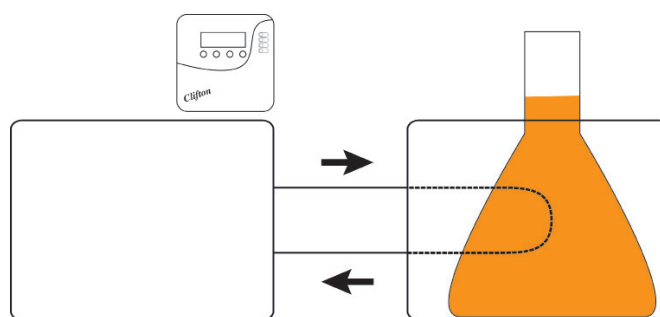


NE4-8HT

High temperature range for circulating water and heat transfer fluids. Designed to reach 130°C. Clifton digital water and oil heating circulators are designed for external circulation of temperature controlled water and heat transfer fluids in a closed circuit or for maintaining a stable temperature environment in the bath for the immersion of flasks, bottles and racks.

Comprising of a high quality corrosion resistant stainless steel tank, with a bright clean finish housed in a durable painted outer case. Painted surfaces feature anti-bacterial finish with good chemical resistance. All Clifton stirred baths feature a low liquid level float switch, which ensures heating is switched off if the liquid falls below the recommended level.

| NE4 - 8HT                |  | NE4 - 14HT  |  | NE4 - 22HT         |  |                    |  |
|--------------------------|--|---|--|--------------------|--|--------------------|--|
| GENERAL                  |  |   |  |                    |  |                    |  |
| Temp. Range              |  | Ambient + 5°C - 130°C (-20°C with accessory cooling)                                |  |                    |  |                    |  |
| Temp. Alarm              |  | Under/over temperature alarm is automatically set 4°C above and 4°C below set point |  |                    |  |                    |  |
| Temp. Control            |  | PID Digital, LED display, resolution 0.1°C  |  |                    |  |                    |  |
| Sensitivity/Uniformity   |  | ±0.05°C / ±0.01°C   |  |                    |  |                    |  |
| Timer                    |  | Visual indicator and end message - Variable 00:01 to 99:59 hh:mm                    |  |                    |  |                    |  |
| Heater Power (220-240V)  |  | 1250W   |  |                    |  |                    |  |
| Voltage                  |  | 120V or 230V models available 50-60Hz   |  |                    |  |                    |  |
| Pump Capacity & Pressure |  | 10 litres/min - 150 mbar  |  |                    |  |                    |  |
| Pump Connection Ports    |  | Inlet & outlet ports take 4mm bore x 6mm o/d tubing                                 |  |                    |  |                    |  |
| DIMENSIONS               |  |   |  |                    |  |                    |  |
| Tank Capacity            |  | 8 Litre   |  | 14 Litre           |  | 22 Litre           |  |
| External (mm)            |  | 271w x 332d x 170h  |  | 361w x 332d x 170h |  | 537w x 332d x 170h |  |
| Internal (mm)            |  | 129w x 300d x 150h  |  | 219w x 298d x 150h |  | 395w x 298d x 150h |  |
| Water Level Max. (mm)    |  | 130   |  |                    |  |                    |  |



Capable of external circulation in a closed circuit

# NE4-HT Series Circulating Digital Water Baths

## Accessories



### Stainless Steel Gabled lid with Insulated Handle

|                |         |          |          |
|----------------|---------|----------|----------|
| Bath           | NE4-8HT | NE4-14HT | NE4-22HT |
| Accessory Code | SL4-8   | SL4-14   | SL4-22   |



### Stainless Steel Flat One Piece lid with Insulated Handle

|                |         |          |          |
|----------------|---------|----------|----------|
| Bath           | NE4-8HT | NE4-14HT | NE4-22HT |
| Accessory Code | LD4-8   | LD4-14   | LD4-22   |



### Polypropylene Spheres (Pack of 200)

|                |         |          |          |
|----------------|---------|----------|----------|
| Bath           | NE4-8HT | NE4-14HT | NE4-22HT |
| No. of Packs   | 1 Pack  | 2 Packs  | 3 Packs  |
| Accessory Code | BP0368  |          |          |



### Immersion Dip Cooler [ambient to -20°C]

|                |         |          |          |
|----------------|---------|----------|----------|
| Bath           | NE4-8HT | NE4-14HT | NE4-22HT |
| Accessory Code | DC1-300 |          |          |



### Cooling Coil

|                |         |          |          |
|----------------|---------|----------|----------|
| Bath           | NE4-8HT | NE4-14HT | NE4-22HT |
| Accessory Code | NE4-CC  |          |          |



### Push fit and lock insulated hose 1 m length x 6mm dia.

|                |         |          |          |
|----------------|---------|----------|----------|
| Bath           | NE4-8HT | NE4-14HT | NE4-22HT |
| Accessory Code | HS-1    |          |          |



### Push fit and lock insulated hose 2 m length x 6mm dia.

|                |         |          |          |
|----------------|---------|----------|----------|
| Bath           | NE4-8HT | NE4-14HT | NE4-22HT |
| Accessory Code | HS-2    |          |          |

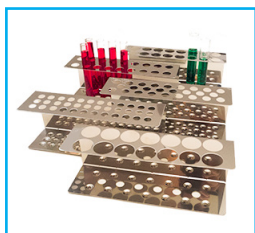
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## Accessories



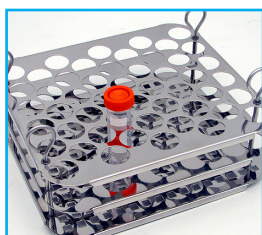
### Stainless Steel Test Tube Racks

| Bath           | NE4-8HT                    | NE4-14HT | NE4-22HT |
|----------------|----------------------------|----------|----------|
| No. of Racks   | 1                          | 3        | 5        |
| Accessory Code | 6870 : 26 holes x 17mm DIA |          |          |
|                | 6871 : 16 holes x 26mm DIA |          |          |
|                | 6872 : 36 holes x 13mm DIA |          |          |
|                | 6873 : 18 holes x 19mm DIA |          |          |
|                | 6900 : 12 holes x 32mm DIA |          |          |
|                | 6920 : 9 holes x 40mm DIA  |          |          |



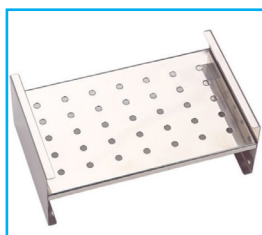
### Stainless Steel Flat n Fold™ Test Tube Racks

| Bath           | NE4-8HT                    | NE4-14HT | NE4-22HT |
|----------------|----------------------------|----------|----------|
| No. of Racks   | 1                          | 3        | 5        |
| Accessory Code | 6770 : 26 holes x 17mm DIA |          |          |
|                | 6771 : 16 holes x 26mm DIA |          |          |
|                | 6772 : 36 holes x 13mm DIA |          |          |
|                | 6773 : 18 holes x 19mm DIA |          |          |
|                | 6800 : 14 holes x 32mm DIA |          |          |



### Stainless Steel Test Tube Rack 50 Holes x 32mm Diameter

| Bath           | NE4-8HT | NE4-14HT | NE4-22HT |
|----------------|---------|----------|----------|
| Accessory Code | N/A     |          | 6875     |



### Stainless Steel Raised Shelves

| Bath           | NE4-8HT | NE4-14HT | NE4-22HT         |
|----------------|---------|----------|------------------|
| Accessory Code | N/A     | RS4-14   | RS4-14<br>RS4-22 |

## Universal Accessories

|        |  |
|--------|--|
| TC-1   | Thermometer Clip complete with Bent Stem Spirit Filled Thermometer |
| CAL    | Calibration Record   |
| BX0616 | Draining Syphon  |
| BKF-1  | Bar Keepers Friend for cleaning water baths and removing dirt      |
| LB-2.5 | 2.5 Litres Lab Bath 4590 Heat Transfer Fluid                       |
| LB-5.0 | 5.0 Litres Lab Bath 4590 Heat Transfer Fluid                       |