

## HX-25H Recirculating Coolers (General Models)

Manufacturer:

SKU#: 8194-10-0685

Providing a constant temperature control and high cooling efficiency. Operating cost can be reduced by using the recirculator for cooling water. It is eco-friendly and reduces energy consumption.



### Product Description

Operating features Control temperature range is from 3 ~40 . Clear and easy-to-use LCD display. (resolution 0.1 ) Bright LED water level indicator can be seen from a distance. Low fluid level and dry-running protection when triggered shows an error symbol on the display and an audible buzzer sound. If the equipment operates at 40 or above due to the external environment, user can simply identify the error with a visual signal or an audible buzzer sound. Pump pressure can be controlled using a by-pass function. (only for H type) Constructional features The refrigerating system is designed to reduce energy consumption and to maximize in refrigerating efficiency. Eco-friendly R-404A refrigerant is used to prevent environmental pollution. Double service valve is used to prevent refrigerant leakage. Removable gridded vent for reducing condenser contamination and to facilitate cleanliness. A plastic solution inlet is for easy and safe pouring of solution into the chiller unit. Pressure gauge comes standard with chiller units to provide fluid system diagnostics at a glance and for observing the pump pressure. Wheels allow for easy mobility throughout the lab. The beautifully designed chiller is compact. Different types of pumps and valves come standard with the chiller to provide versatility. Variety of accessories are available to meet user s different lab environment needs. (refer to accessories)

### HX-25H Recirculating Coolers (General Models) Specification

| Model  | HX-20                                    | HX-25                      | HX-20H    | HX-25H | HX-35H | HX-45H <sup>2)</sup> | HX-55H <sup>2)</sup> |
|--|--|----------------------------|-----------|--------|--------|----------------------|----------------------|
| Temperature <sup>1)</sup><br>(Bath fluid :<br>water) | Working<br>Temperature<br>Range<br>( / ) | +3 to 40 /<br>+37.4 to 104 |           |        |        |                      |                      |
| Temperature<br>Stability<br>at 15 , ( / )            | 1 / 1.8                                  |                            |           |        |        |                      |                      |
| Cooling<br>Capacity<br>(bath fluid :<br>water)       | at 20 (kw)                               | 1.9                        | 2.4       | 1.9    | 2.4    | 3.6                  | 4.7                  |
| at 10 (kw)   | 1.4                                      | 1.7                        | 1.4       | 1.7    | 3.1    | 3.6                  | 5.1                  |
| at 5 (kw)  | 1  | 1.4                        | 1         | 1.4    | 2.4    | 2.9                  | 4.2                  |
| Pump   | Max. Flow Rate                           | 40 / 10.6                  | 28 / 7.39 |        |        |                      |                      |
|  | (L / min, gal /<br>min)                  |                            |           |        |        |                      |                      |
| Max. Pressure<br>(bar / psi)                         | 1.43 / 20.74                             | 4.3 / 62.37                |           |        |        |                      |                      |
| Dimension  | Max,. Filling                            | 35 / 1.24                  | 45 / 1.59 |        |        |                      |                      |

|                                   | Capacity (L, cu ft)  |            |            |            |            |               |                 |
|-----------------------------------|--|------------|------------|------------|------------|---------------|-----------------|
| For Tubing Dia (mm / inch)        | 20 / 0.8   |            |            |            |            |               |                 |
| Overall (WxLxH, mm / inch)        | 620 785 990 / 745 800 1095 / 24.4 30.9 39.0 29.3 31.5 43.1 |            |            |            |            |               |                 |
| Net Weight (kg / lbs)             | 93 / 205   | 101 / 223  | 97 / 214   | 105 / 231  | 120 / 265  | 140 / 309     | 140 / 309       |
| Electric Requirement (230V, 60Hz) | 8.5A   | 9A         | 9A         | 9.5A       | 15A        | 19A           | -               |
| Cat. No.                          | AAH 64011K   | AAH 64021K | AAH 64111K | AAH 64121K | AAH 64131K | AAH 64141K    | -               |
| Electric Requirement (230V, 50Hz) | 7A   | 7.6A       | 10.5A      | 11A        | 17A        |               |                 |
| Cat. No.                          | AAH 64012K   | AAH 64022K | AAH 64112K | AAH 64122K | AAH 64132K | -             | -               |
| Electric Requirement (120V, 60Hz) | 17A  | 22A        |            |            |            |               |                 |
| Cat. No.                          | AAH 64013U   | AAH 64023U | -          | -          | -          | -             | -               |
| Electric Requirement (380V, 60Hz) |  |            |            |            |            | 10A           | 11.5            |
| Cat. No.                          | -  | -          | -          | -          | -          | AAH 64149K 7A | AAH 64159K 8.5A |
| Electric Requirement (380V, 50Hz) |  |            |            |            |            |               |                 |
| Cat. No.                          | -  | -          | -          | -          | -          | AAH 64148K    | AAH 64158K      |

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