



HXI 42X-44X

Closed circuit cooling towers

Engineering data

REMARK: Do not use for construction. Refer to factory certified dimensions & weights. This page includes data current at time of publication, which should be reconfirmed at the time of purchase. In the interest of product improvement, specifications, weights and dimensions are subject to change without notice.

General notes

1. Pipe sizes are nominal diameters. All connections have BSP male thread except for the 15 mm vent which has a female BSP thread.
2. Dimensional drawings show standard (right hand) arrangements with the standard finned coil arrangement. Left hand arrangement can be furnished by special order.
3. Coil connection locations are approximate. Dimensions should not be used for prefabrication of the connecting piping.
4. For high process flows, the double serpentine finned coil arrangement (HXI D) might be used. For a finned coil bundle with a double serpentine arrangement, the coil inlet connections will be on one side and the outlet on the opposite side. (Refer to serpentine arrangements).
5. All technical information on this page is without manifolds and three-way valve arrangement. (refer to the section "Accessories, flow control purchase).
6. The units will be delivered in 3 different pieces: upper, middle and lower section.

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HXI 42X-44X



1. Inlet connection; 2. Outlet connection; 3. Make up ND15; 4. Overflow ND80; 5. Drain ND50; 6. Access door.



| Model | Weights (kg) | | | Dimensions (mm) | | | Air Flow (m ³ /s) | Fan Motor (kW) | Water Flow (l/s) | Pump Motor (kW) | Inlet/Outlet Coil Connections (mm) Finned Coil |
|-----------|-------------------|------------------|-----------------------|-----------------|------|------|------------------------------|----------------|------------------|-----------------|---|
| | Oper. Weight (kg) | Ship. Weight(kg) | Heaviest Section (kg) | L | W | H | | | | | |
| HXI 420-K | 3810 | 2570 | 1110 | 1861 | 2385 | 4855 | 13.0 | (1x) 7.5 | 12.0 | (1x) 1.1 | (2x) 80 |
| HXI 421-K | 4020 | 2710 | 1260 | 1861 | 2385 | 4855 | 12.9 | (1x) 7.5 | 12.0 | (1x) 1.1 | (2x) 80 |
| HXI 422-K | 4230 | 2850 | 1400 | 1861 | 2385 | 4855 | 12.8 | (1x) 7.5 | 12.0 | (1x) 1.1 | (2x) 80 |
| HXI 430-L | 5560 | 3700 | 1660 | 2775 | 2385 | 4855 | 20.2 | (2x) 5.5 | 18.3 | (1x) 2.2 | (2x) 80 |
| HXI 431-L | 5870 | 3910 | 1870 | 2775 | 2385 | 4855 | 19.9 | (2x) 5.5 | 18.3 | (1x) 2.2 | (2x) 80 |
| HXI 432-L | 6190 | 4130 | 2090 | 2775 | 2385 | 4855 | 19.6 | (2x) 5.5 | 18.3 | (1x) 2.2 | (2x) 80 |
| HXI 440-M | 7011 | 4520 | 1960 | 3690 | 2385 | 4855 | 26.6 | (2x) 7.5 | 31.5 | (1x) 2.2 | (2x) 80 |
| HXI 441-M | 7421 | 4800 | 2240 | 3690 | 2385 | 4855 | 26.3 | (2x) 7.5 | 31.5 | (1x) 2.2 | (2x) 80 |
| HXI 442-M | 7851 | 5090 | 2530 | 3690 | 2385 | 4855 | 26.0 | (2x) 7.5 | 31.5 | (1x) 2.2 | (2x) 80 |