

# PRECISION INDUSTRIAL COOLING MACHINE SERIES

Available

Through the efficient temperature control of the manufacturing machinery. Include Laser manufacturing machine. Semiconductor manufacturing facility. High-speed main shaft. Printer and other manufacturing machinery cooling. Power controlling box. Power dispensing box.

Safety and indication :

Main power. No-fuse breaker. Power, phase lack & reverse protection.

Compressor overload protecting and indicating 、 pump reversal protecting and indicating 、 pump overload protecting and indicating 、 cooling water overheat protecting and indicating 、 anti-freezing protecting and indicating 、 refrigerant shortage protecting and indicating 、 refrigerant high-pressure protection 、 ice water by-pass circulation 、 ice water outlet-pressure gauge 、 refrigerant low-pressure gauge 、 all-system led touch display. Buzzer.



## CONTROLLING BOX FAN COOLING HLC-5A ~ HLC-100A A -SIDE TYPE

| Item              | Model          | 5A          | 10A         | 15A        | 20A        | 25A        | 30A         | 35A         | 50A        | 70A         | 100A         |
|-------------------|----------------|-------------|-------------|------------|------------|------------|-------------|-------------|------------|-------------|--------------|
| Cooling cap.      | W / °C         | 5           | 10          | 15         | 20         | 25         | 30          | 35          | 50         | 70          | 100          |
| Power source      | A 1φ 110-220   | 0.22 - 0.48 | 0.58 - 0.86 |            |            |            |             | 1.16 - 1.72 |            | 1.74 - 2.58 |              |
| Power consumption | W              | 18 x 2      | 35 x 2      |            |            |            |             | 35 x 4      |            | 36 x 6      |              |
| Dimension         | W x D x H (mm) | 250x70x98   | 250x80x580  | 250x80x780 | 225x90x655 | 295x90x780 | 340x100x625 | 295x90x860  | 90x412x940 | 428x120x970 | 563x120x1000 |

## CONTROLLING BOX COOLING HLC-380DSNA ~ HLCW-3000DSNA A - SIDE TYPE H -STAND TYPE

| Item             | Model           | 120 DSNA     | 150 DSNA     | 200 DSNA     | 250 DSNA | 400 DSNA  | 600 DSNA  | 800 DSNA  | 1R DSNA   | 250 DSNH | 600 DSNH | 800 DSNH   |
|------------------|-----------------|--------------|--------------|--------------|----------|-----------|-----------|-----------|-----------|----------|----------|------------|
| Compressor       | W               | 110          | 250          | 470          | 470      | 1000      | 1500      | 800       | 1220      | 470      | 880      | 800        |
| Cooling capacity | Kcal / H / 60hz | 380          | 500          | 750          | 750      | 650       | 700       | 2000      | 3000      | 650      | 1500     | 2000       |
| Dimension        | W x D x H (cm)  | 29.5x17.5x59 | 29.5x21.5x78 | 29.5x21.5x78 | 36x26x58 | 42x28x100 | 42x28x100 | 45x28x100 | 54x32x100 | 46x68x50 | 46x65x50 | 70x39x66.5 |

## MACHINERY COOLING HLC-1000PSTA ~ HLC-9000PSTA T -TANK N -NO TANK

| Item             | Model                  | 4 PSTA   | 6 PSTA    | 8 PSTA    | 1 RPSTA   | 1.5 RPSTA | 2 RPSTA   | 3 RPSTA   | 4 RPSTA    | 5 RPSTA     |
|------------------|------------------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-------------|
| Control range    | °C                     | 5 ~ 30   |           |           |           |           |           |           |            |             |
| Compressor       | W                      | 600      | 650       | 800       | 1200      | 1880      | 2450      | 3600      | 5360       | 6200        |
| Cooling capacity | Kcal / H / 50hz / 60hz | 850/1000 | 1450/1750 | 1700/2100 | 2550/3000 | 3700/4500 | 5000/6000 | 7500/9000 | 5360/1600  | 12500/15000 |
| Pump             | W                      | 200      | 780       | 860       |           |           | 1600      |           |            |             |
| Pump flow        | L / min                | 27 - 32  | 35 - 40   |           |           | 55 - 66   |           | 49 - 113  |            |             |
| Cooling fan      | W                      |          |           |           |           |           |           |           |            |             |
| tank             | Liter                  | 13 (11)  | 13 (11)   | 20 (18)   | 30 (27)   | 30 (27)   | 45 (42)   | 100 (95)  | 140 (135)  | 140 (135)   |
| Cooling pipe     | Inch                   | 1/2      | 3/4       | 3/4       | 3/4       | 1         | 1         | 1-1/4     | 1          | 1-1/4       |
| Draining         | Inch                   | 1/2      |           |           |           |           |           |           |            |             |
| Dimension        | W x D x H (cm)         | 36x45x85 | 42x60x85  | 42x60x100 | 52x60x105 | 70x55x110 | 70x55x115 | 70x65x115 | 130x75x140 | 130x75x140  |

WE RESERVE THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT PRIOR NOTICE .  
SPECIAL POWER AND DESIGN UPON REQUEST . SPECIAL DESIGN UPON REQUEST .