

# SL-W Water-Cooled Chiller

The SL-W range of chillers are water-cooled units offering a refrigeration capacity of 15kW to 360kW. The stainless steel water tanks have a heat insulation layer to increase efficiency and thus reduce running costs.

Microprocessor controlled for precise temperature adjustment

Overload protection for compressor and pump

Anti-freeze as well as high/low pressure protection

Can handle water inlet temperatures of 7°C to 35°C



Easy to use controller.



Smaller models are portable.



Compact design across the range.



Easy access for maintenance.

|                                   | 5W  | 10W   | 15W   | 20W   | 30W   | 40W    | 50W  | 60WL   | 70WL   | 80WL   | 90WL   | 100WL  | 120WL  |
|-----------------------------------|---|-------|-------|-------|-------|--------|--|--------|--------|--------|--------|--------|--------|
| Refrigeration Capacity (Kw)       | 15  | 30    | 45    | 60    | 90    | 120    | 150  | 180    | 210    | 240    | 270    | 300    | 360    |
| (Kcal/h)                          | 12900   | 25800 | 38700 | 51600 | 77400 | 103200 | 129000   | 154800 | 180600 | 206400 | 232200 | 258000 | 309600 |
| Compressor Input Power (Kw)       | 3.7   | 7.5   | 11    | 15    | 22.5  | 30     | 37.5   | 45     | 52.5   | 60     | 67.5   | 75     | 90     |
| (HP)                              | 5   | 10    | 15    | 20    | 30    | 40     | 50   | 60     | 70     | 80     | 90     | 100    | 120    |
| Refrigerant Filling Quantity (kg) | 2.5   | 5     | 7.5   | 10    | 15    | 20     | 25   | 30     | 35     | 40     | 45     | 50     | 60     |
| Water Tank Capacity (L)           | 90  | 180   | 270   | 350   | -     | -      | -  | -      | -      | -      | -      | -      | -      |
| Evaporator Type                   | Serpentine pipe type  |       |       |       |       |        |  |        |        |        |        |        |        |
| Freezing water pipe               | 1"  | 1.5"  | 2"    | 2"    | 3"    | 3"     | 3"   | 4"     | 4"     | 4"     | 4"     | 4"     | 4"     |
| Freezing water flow rate (L/min)  | 60  | 90    | 210   | 270   | 315   |        |  |        |        |        |        |        |        |
| (M3/h)                            | 5.4   | 11    | 16    | 16    | 16    | 23     | 28   | 33     | 38     | 44     | 55     | 62     | 72     |
| Condenser Type                    | Shell Type  |       |       |       |       |        |  |        |        |        |        |        |        |
| Cooling water pipe                | 1"  | 1.5"  | 2"    | 2"    | 3"    | 3"     | 3"   | 4"     | 4"     | 4"     | 4"     | 4"     | 4"     |
| Cooling water flow rate (L/min)   | 110   | 210   | 350   | 350   | 350   | 480    | 610  | 710    | 830    | 950    | 1160   | 1330   | 1500   |
| M3/h                              | 7   | 13    | 21    | 21    | 21    | 29     | 37   | 43     | 50     | 57     | 70     | 80     | 90     |
| Safeguard                         | Protection of high & low pressure, compressor overload, pump overload |       |       |       |       |        | Protection of high & low pressure, compressor overload, pump overload, antifreezing, flow rate |        |        |        |        |        |        |
| Power                             | AC3+N+PE 50/6-Hz  |       |       |       |       |        |  |        |        |        |        |        |        |
| Dimensions (mm)                   | L   | 840   | 1550  | 1660  | 1800  | 1950   | 2180   | 2190   | 2260   | 2870   | 3000   | 3020   | 3020   |
|                                   | W   | 670   | 710   | 820   | 950   | 1000   | 1200   | 1200   | 1200   | 1300   | 1300   | 1300   | 1300   |
|                                   | H   | 980   | 1150  | 1400  | 1700  | 1330   | 1420   | 1450   | 1590   | 1660   | 1890   | 1910   | 1910   |
| Weight (kg)                       |   | 160   | 300   | 460   | 600   | 900    | 1120   | 1190   | 1430   | 1590   | 2110   | 2230   | 2350   |