| Water Cooled Screw Chiller | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Model Number | | | HWWL150 | HWWL190 | HWWL240 | HWWL300 | HWWL380 | HWWL420 | HWWL480 | HWWL530 | HWWL600 | HWWL720 | HWWL850 | HWWL960D | HWWL1050D | HWWL1200D | HWWL1440D | HWWL1700D |
| Cooling Capacity | | kW | 150 | 187 | 235 | 295 | 381 | 416 | 480 | 524 | 598 | 718 | 846 | 956 | 1048 | 1196 | 1436 | 1692 |
| Control Method | | | Automatic LCD Computer Control | | | | | | | | | | | | | | | |
| Volume Control | | | Thermostatic Expansion Valve/Electronic Expansion Valve | | | | | | | | | | | | | | | |
| Refrigerant | | | R22/R407C | | | | | | | | | | | | | | | |
| Power Supply | | | 380V/3N~50Hz | | | | | | | | | | | | | | | |
| Compressor | Type | | Semi-hermetic Screw Compressor | | | | | | | | | | | | | | | |
| | Input Power | kW | 33.5 | 40.2 | 48 | 60.6 | 80 | 87 | 98.5 | 105 | 123.3 | 152 | 176 | 197 | 210 | 246.6 | 304 | 352 |
| | Operating Current | A | 57 | 69 | 84 | 103 | 139 | 151 | 168 | 185 | 210 | 261 | 297 | 335 | 370 | 420 | 522 | 596 |
| | Energy Control | | 0-25%-50%-75%-100% | | | | | | | | | | | | | | | |
| Evaporator | Type | | Dry Type Shell and Tube | | | | | | | | | | | | | | | |
| | Water Flow | m3/h | 25.8 | 32.2 | 40.5 | 50.8 | 65.6 | 71.6 | 82.6 | 90.2 | 102.9 | 123.5 | 146 | 165 | 181 | 206 | 248 | 291 |
| | Water Resistance | KPa | 48 | 48 | 49 | 50 | 53 | 55 | 60 | 60 | 63 | 66 | 68 | 70 | 70 | 70 | 72 | 72 |
| | Inlet/outlet Pipe Size | mm | DN65 | | DN80 | DN100 | | | | DN125 | | DN150 | | | | DN200 | | |
| Condenser | Type | | Horizontal Shell and Tube | | | | | | | | | | | | | | | |
| | Water Flow | $m^3/h$ | 33 | 40 | 50 | 63 | 83 | 91 | 97 | 115 | 125 | 153 | 178 | 194 | 220 | 240 | 280 | 340 |
| | Water Resistance | KPa | 42 | 42 | 46 | 46 | 48 | 52 | 54 | 56 | 58 | 67 | 67 | 67 | 68 | 68 | 68 | 68 |
| | Inlet/outlet Pipe Size | mm | DN65 | | DN80 | DN100 | | | | DN125 | | DN150 | | DN100×2 | DN125×2 | | DN150×2 | |
| Security Protection | | | High&Low pressure switch, Anti-frozen protection, Safety valve, Overload protection, Discharge temperature protection, Water flow protection | | | | | | | | | | | | | | | |
| Dimension | Length | mm | 2400 | 2600 | 2700 | 2900 | 3050 | 3150 | 3150 | 3150 | 3380 | 3450 | 3800 | 3800 | 3850 | 4000 | 4400 | 4800 |
| | Width | mm | 800 | 1000 | 1000 | 1000 | 1000 | 1100 | 1100 | 1100 | 1100 | 1100 | 1200 | 1300 | 1300 | 1500 | 1500 | 1500 |
| | Height | mm | 1450 | 1500 | 1580 | 1620 | 1800 | 1800 | 1900 | 2000 | 2100 | 2100 | 2170 | 1980 | 2030 | 2050 | 2200 | 2300 |
| Weight | Net Weight | kg | 1050 | 1200 | 1250 | 1480 | 1990 | 2000 | 2100 | 2900 | 3550 | 3650 | 3800 | 4500 | 5500 | 6300 | 7200 | 8600 |
| | Operation Weight | kg | 1100 | 1350 | 1400 | 1650 | 2100 | 2150 | 2290 | 3200 | 3870 | 3970 | 4150 | 4900 | 6100 | 6900 | 7900 | 9300 |
| Noise Level | | dB/A | 56 | 58 | 62 | 66 | 68 | 68 | 68 | 69 | 69 | 70 | 70 | 72 | 73 | 74 | 75 | 76 |

Note: 1.Nominal cooling condition: Condenser inlet/outlet water temperature is 30/35℃; Evaporator inlet/outlet water temperature is 12/7℃

2. The above dimensions and weight are just for reference. They may be modified due to improvement.