

SRC-2SH-HT

220V

| COOLING Capacity | | | | | | | | | | | | | | | | | | | | |
|------------------|--------------------|-------------|--|---------|----------|---------|---------|----------|---------|---------|----------|--|---------|----------|---------|---------|----------|---------|---------|----------|
| Unit Size | Water Flow (l/sec) | W.P.D (kPa) | Entering Air Condition DB=24.0°C WB=17.8°C (55%) | | | | | | | | | Entering Air Condition DB=26.0°C WB=19.5°C (55%) | | | | | | | | |
| | | | Entering Water Temperature | | | | | | | | | Entering Water Temperature | | | | | | | | |
| | | | 5°C | | | 7°C | | | 9°C | | | 5°C | | | 7°C | | | 9°C | | |
| | | | SH (kW) | TH (kW) | ΔWT (°C) | SH (kW) | TH (kW) | ΔWT (°C) | SH (kW) | TH (kW) | ΔWT (°C) | SH (kW) | TH (kW) | ΔWT (°C) | SH (kW) | TH (kW) | ΔWT (°C) | SH (kW) | TH (kW) | ΔWT (°C) |
| 300 | 0.05 | 3.3 | 1.55 | 2.03 | 9.7 | 1.41 | 1.79 | 8.6 | 1.28 | 1.55 | 7.4 | 1.67 | 2.31 | 11.1 | 1.52 | 2.07 | 9.9 | 1.38 | 1.83 | 8.8 |
| | 0.10 | 11.0 | 1.95 | 2.73 | 6.5 | 1.76 | 2.41 | 5.8 | 1.59 | 2.07 | 4.9 | 2.10 | 3.13 | 7.5 | 1.91 | 2.80 | 6.7 | 1.73 | 2.46 | 5.9 |
| | 0.15 | 22.2 | 2.11 | 3.10 | 4.9 | 1.91 | 2.73 | 4.3 | 1.72 | 2.33 | 3.7 | 2.29 | 3.56 | 5.7 | 2.08 | 3.19 | 5.1 | 1.88 | 2.80 | 4.5 |
| | 0.20 | 36.6 | 2.20 | 3.33 | 4.0 | 1.99 | 2.93 | 3.5 | 1.78 | 2.51 | 3.0 | 2.39 | 3.84 | 4.6 | 2.17 | 3.43 | 4.1 | 1.96 | 3.01 | 3.6 |
| 400 | 0.05 | 4.8 | 2.16 | 2.81 | 13.4 | 1.97 | 2.49 | 11.9 | 1.79 | 2.16 | 10.3 | 2.31 | 3.18 | 15.2 | 2.11 | 2.86 | 13.7 | 1.92 | 2.53 | 12.1 |
| | 0.10 | 15.8 | 2.84 | 3.96 | 9.5 | 2.58 | 3.50 | 8.4 | 2.33 | 3.01 | 7.2 | 3.05 | 4.52 | 10.8 | 2.78 | 4.05 | 9.7 | 2.53 | 3.57 | 8.5 |
| | 0.15 | 31.9 | 3.16 | 4.60 | 7.3 | 2.86 | 4.05 | 6.5 | 2.58 | 3.49 | 5.6 | 3.40 | 5.26 | 8.4 | 3.10 | 4.72 | 7.5 | 2.81 | 4.15 | 6.6 |
| | 0.20 | 52.4 | 3.34 | 5.02 | 6.0 | 3.02 | 4.42 | 5.3 | 2.72 | 3.79 | 4.5 | 3.60 | 5.76 | 6.9 | 3.28 | 5.16 | 6.2 | 2.97 | 4.53 | 5.4 |
| 600 | 0.05 | 5.5 | 2.32 | 3.04 | 14.6 | 2.11 | 2.69 | 12.9 | 1.92 | 2.33 | 11.2 | 2.48 | 3.45 | 16.5 | 2.26 | 3.10 | 14.8 | 2.06 | 2.74 | 13.1 |
| | 0.10 | 18.4 | 3.07 | 4.32 | 10.3 | 2.79 | 3.82 | 9.1 | 2.52 | 3.29 | 7.9 | 3.30 | 4.93 | 11.8 | 3.01 | 4.42 | 10.6 | 2.73 | 3.90 | 9.3 |
| | 0.15 | 37.0 | 3.43 | 5.05 | 8.0 | 3.11 | 4.45 | 7.1 | 2.80 | 3.82 | 6.1 | 3.70 | 5.78 | 9.2 | 3.37 | 5.18 | 8.3 | 3.05 | 4.55 | 7.3 |
| | 0.17 | 46.0 | 3.53 | 5.26 | 7.4 | 3.19 | 4.63 | 6.5 | 2.87 | 3.98 | 5.6 | 3.81 | 6.03 | 8.5 | 3.47 | 5.40 | 7.6 | 3.14 | 4.75 | 6.7 |
| 800 | 0.05 | 7.2 | 2.82 | 3.67 | 17.6 | 2.57 | 3.25 | 15.6 | 2.34 | 2.83 | 13.5 | 3.00 | 4.15 | 19.8 | 2.74 | 3.73 | 17.8 | 2.50 | 3.30 | 15.8 |
| | 0.10 | 23.8 | 3.90 | 5.45 | 13.0 | 3.54 | 4.81 | 11.5 | 3.20 | 4.16 | 9.9 | 4.18 | 6.20 | 14.8 | 3.81 | 5.56 | 13.3 | 3.47 | 4.91 | 11.7 |
| | 0.13 | 37.5 | 4.28 | 6.14 | 11.3 | 3.88 | 5.42 | 10.0 | 3.50 | 4.67 | 8.6 | 4.59 | 7.00 | 12.9 | 4.19 | 6.28 | 11.6 | 3.80 | 5.53 | 10.2 |
| | 0.15 | 48.0 | 4.47 | 6.52 | 10.4 | 4.05 | 5.75 | 9.2 | 3.65 | 4.95 | 7.9 | 4.80 | 7.44 | 11.9 | 4.38 | 6.67 | 10.6 | 3.97 | 5.87 | 9.4 |
| 1000 | 0.10 | 4.1 | 4.23 | 5.44 | 13.0 | 3.84 | 4.81 | 11.5 | 3.49 | 4.17 | 10.0 | 4.51 | 6.16 | 14.7 | 4.12 | 5.54 | 13.2 | 3.75 | 4.89 | 11.7 |
| | 0.20 | 13.6 | 5.57 | 7.68 | 9.2 | 5.05 | 6.78 | 8.1 | 4.56 | 5.84 | 7.0 | 5.98 | 8.76 | 10.5 | 5.45 | 7.86 | 9.4 | 4.95 | 6.92 | 8.3 |
| | 0.30 | 27.4 | 6.20 | 8.92 | 7.1 | 5.61 | 7.86 | 6.3 | 5.05 | 6.76 | 5.4 | 6.68 | 10.21 | 6.1 | 6.08 | 9.15 | 7.3 | 5.51 | 8.05 | 6.4 |
| | 0.40 | 45.1 | 6.55 | 9.74 | 5.8 | 5.93 | 8.57 | 5.1 | 5.33 | 7.35 | 4.4 | 7.08 | 11.17 | 6.7 | 6.44 | 10.01 | 6.0 | 5.83 | 8.79 | 5.3 |
| 1200 | 0.10 | 4.8 | 4.60 | 5.95 | 14.2 | 4.18 | 5.27 | 12.6 | 3.81 | 4.57 | 10.9 | 4.90 | 6.74 | 16.1 | 4.48 | 6.06 | 14.5 | 4.08 | 5.35 | 12.8 |
| | 0.20 | 16.0 | 6.11 | 8.48 | 10.1 | 5.54 | 7.49 | 9.0 | 5.01 | 6.46 | 7.7 | 6.55 | 9.66 | 11.5 | 5.97 | 8.67 | 10.4 | 5.42 | 7.64 | 9.1 |
| | 0.30 | 32.2 | 6.82 | 9.90 | 7.9 | 6.18 | 8.73 | 7.0 | 5.57 | 7.51 | 6.0 | 7.34 | 11.32 | 9.0 | 6.69 | 10.15 | 8.1 | 6.07 | 8.93 | 7.1 |
| | 0.35 | 42.1 | 7.06 | 10.42 | 7.1 | 6.39 | 9.18 | 6.3 | 5.76 | 7.89 | 5.4 | 7.60 | 11.92 | 8.1 | 6.92 | 10.68 | 7.3 | 6.28 | 9.39 | 6.4 |
| 1400 | 0.10 | 5.3 | 5.14 | 6.58 | 15.7 | 4.68 | 5.83 | 13.9 | 4.26 | 5.07 | 12.1 | 5.47 | 7.44 | 17.8 | 5.00 | 6.69 | 16.0 | 4.56 | 5.92 | 14.1 |
| | 0.20 | 17.7 | 7.02 | 9.63 | 11.5 | 6.37 | 8.51 | 10.2 | 5.76 | 7.35 | 8.8 | 7.52 | 10.96 | 13.1 | 6.86 | 9.84 | 11.8 | 6.23 | 8.68 | 10.4 |
| | 0.30 | 35.7 | 7.96 | 11.41 | 9.1 | 7.22 | 10.07 | 8.0 | 6.51 | 8.67 | 6.9 | 8.56 | 13.03 | 10.4 | 7.80 | 11.69 | 9.3 | 7.08 | 10.29 | 8.2 |
| | 0.35 | 46.6 | 8.28 | 12.07 | 8.2 | 7.50 | 10.64 | 7.3 | 6.76 | 9.15 | 6.2 | 8.91 | 13.80 | 9.4 | 8.12 | 12.37 | 8.4 | 7.36 | 10.88 | 7.4 |

| HEATING Capacity | | | | | | | | | | | | | | | | | | | | | | |
|------------------|--------------------|-------------|----------------------------------|----------|---------|----------|---------|----------|---------|----------|---------|----------|----------------------------------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
| Unit Size | Water Flow (l/sec) | W.P.D (kPa) | Entering Air Condition DB=20.0°C | | | | | | | | | | Entering Air Condition DB=22.0°C | | | | | | | | | |
| | | | Entering Water Temperature | | | | | | | | | | Entering Water Temperature | | | | | | | | | |
| | | | 40°C | | 50°C | | 60°C | | 70°C | | 80°C | | 40°C | | 50°C | | 60°C | | 70°C | | 80°C | |
| | | | TH (kW) | ΔWT (°C) | TH (kW) | ΔWT (°C) | TH (kW) | ΔWT (°C) | TH (kW) | ΔWT (°C) | TH (kW) | ΔWT (°C) | TH (kW) | ΔWT (°C) | TH (kW) | ΔWT (°C) | TH (kW) | ΔWT (°C) | TH (kW) | ΔWT (°C) | TH (kW) | ΔWT (°C) |
| 300 | 0.05 | 3.3 | 2.16 | 10.3 | 3.24 | 15.5 | 4.32 | 20.7 | 5.40 | 25.8 | 6.49 | 31.0 | 1.94 | 9.3 | 3.02 | 14.5 | 4.11 | 19.6 | 5.19 | 24.8 | 6.27 | 30.0 |
| | 0.10 | 11.0 | 2.50 | 6.0 | 3.75 | 9.0 | 5.00 | 12.0 | 6.26 | 15.0 | 7.51 | 17.9 | 2.25 | 5.4 | 3.50 | 8.4 | 4.75 | 11.4 | 6.01 | 14.4 | 7.26 | 17.4 |
| | 0.15 | 22.2 | 2.64 | 4.2 | 3.97 | 6.3 | 5.29 | 8.4 | 6.62 | 10.5 | 7.94 | 12.7 | 2.38 | 3.8 | 3.70 | 5.9 | 5.03 | 8.0 | 6.35 | 10.1 | 7.68 | 12.2 |
| | 0.20 | 36.6 | 2.73 | 3.3 | 4.09 | 4.9 | 5.46 | 6.5 | 6.82 | 8.2 | 8.19 | 9.8 | 2.45 | 2.9 | 3.82 | 4.6 | 5.18 | 6.2 | 6.55 | 7.8 | 7.92 | 9.5 |
| 400 | 0.05 | 4.8 | 3.03 | 14.5 | 4.55 | 21.8 | 6.07 | 29.0 | 7.58 | 36.3 | 9.10 | 43.5 | 2.73 | 13.1 | 4.24 | 20.3 | 5.76 | 27.6 | 7.28 | 34.8 | 8.80 | 42.1 |
| | 0.10 | 15.8 | 3.73 | 8.9 | 5.60 | 13.4 | 7.47 | 17.9 | 9.34 | 22.3 | 11.20 | 26.8 | 3.36 | 8.0 | 5.23 | 12.5 | 7.09 | 17.0 | 8.96 | 21.4 | 10.83 | 25.9 |
| | 0.15 | 31.9 | 4.05 | 6.5 | 6.08 | 9.7 | 8.11 | 12.9 | 10.14 | 16.2 | 12.16 | 19.4 | 3.65 | 5.8 | 5.67 | 9.0 | 7.70 | 12.3 | 9.73 | 15.5 | 11.76 | 18.7 |
| | 0.20 | 52.4 | 4.24 | 5.1 | 6.36 | 7.6 | 8.48 | 10.1 | 10.60 | 12.7 | 12.73 | 15.2 | 3.81 | 4.6 | 5.94 | 7.1 | 8.06 | 9.6 | 10.18 | 12.2 | 12.30 | 14.7 |
| 600 | 0.05 | 5.5 | 3.22 | 15.4 | 4.83 | 23.1 | 6.44 | 30.8 | 8.05 | 38.5 | 9.66 | 46.2 | 2.90 | 13.9 | 4.51 | 21.6 | 6.12 | 29.3 | 7.73 | 37.0 | 9.34 | 44.7 |
| | 0.10 | 18.4 | 4.01 | 9.6 | 6.02 | 14.4 | 8.03 | 19.2 | 10.04 | 24.0 | 12.05 | 28.8 | 3.61 | 8.6 | 5.62 | 13.4 | 7.63 | 18.2 | 9.64 | 23.0 | 11.65 | 27.8 |
| | 0.15 | 37.0 | 4.38 | 7.0 | 6.58 | 10.5 | 8.77 | 14.0 | 10.96 | 17.5 | 13.16 | 21.0 | 3.94 | 6.3 | 6.14 | 9.8 | 8.33 | 13.3 | 10.53 | 16.8 | 12.72 | 20.3 |
| | 0.17 | 46.0 | 4.48 | 6.3 | 6.72 | 9.5 | 8.97 | 12.6 | 11.21 | 15.8 | 13.45 | 18.9 | 4.03 | 5.7 | 6.28 | 8.8 | 8.52 | 12.0 | 10.76 | 15.1 | 13.00 | 18.3 |
| 800 | 0.05 | 7.2 | 3.90 | 18.6 | 5.85 | 28.0 | 7.80 | 37.3 | 9.75 | 46.6 | 11.70 | 55.9 | 3.51 | 16.8 | 5.46 | 26.1 | 7.41 | 35.4 | 9.36 | 44.8 | 11.31 | 54.1 |
| | 0.10 | 23.8 | 5.12 | 12.2 | 7.68 | 18.4 | 10.24 | 24.5 | 12.80 | 30.6 | 15.36 | 36.7 | 4.61 | 11.0 | 7.17 | 17.1 | 9.73 | 23.3 | 12.29 | 29.4 | 14.85 | 35.5 |
| | 0.13 | 37.5 | 5.52 | 10.2 | 8.29 | 15.2 | 11.05 | 20.3 | 13.81 | 25.4 | 16.58 | 30.5 | 4.97 | 9.1 | 7.73 | 14.2 | 10.50 | 19.3 | 13.26 | 24.4 | 16.03 | 29.5 |
| | 0.15 | 48.0 | 5.73 | 9.1 | 8.59 | 13.7 | 11.46 | 18.3 | 14.32 | 22.8 | 17.19 | 27.4 | 5.15 | 8.2 | 8.02 | 12.8 | 10.88 | 17.3 | 13.75 | 21.9 | 16.61 | 26.5 |
| 1000 | 0.10 | 4.1 | 5.93 | 14.2 | 8.89 | 21.2 | 11.86 | 28.3 | 14.82 | 35.4 | 17.79 | 42.5 | 5.33 | 12.7 | 8.30 | 19.8 | 11.26 | 26.9 | 14.23 | 34.0 | 17.19 | 41.1 |
| | 0.20 | 13.6 | 7.26 | 8.7 | 10.89 | 13.0 | 14.53 | 17.4 | 18.16 | 21.7 | 21.80 | 26.0 | 6.53 | 7.8 | 10.17 | 12.2 | 13.80 | 16.5 | 17.43 | 20.8 | 21.07 | 25.2 |
| | 0.30 | 27.4 | 7.87 | 6.3 | 11.81 | 9.4 | 15.75 | 12.5 | 19.68 | 15.7 | 23.62 | 18.8 | 7.08 | 5.6 | 11.02 | 8.8 | 14.96 | 11.9 | 18.90 | 15.1 | 22.83 | 18.2 |
| | 0.40 | 45.1 | 8.23 | 4.9 | 12.34 | 7.4 | 16.46 | 9.8 | 20.57 | 12.3 | 24.69 | 14.7 | 7.40 | 4.4 | 11.52 | 6.9 | 15.63 | 9.3 | 19.75 | 11.8 | 23.86 | 14.3 |
| 1200 | 0.10 | 4.8 | 6.43 | 15.4 | 9.64 | 23.0 | 12.86 | 30.7 | 16.07 | 38.4 | 19.29 | 46.1 | 5.78 | 13.8 | 9.00 | 21.5 | 12.21 | 29.2 | 15.43 | 36.9 | 18.64 | 44.6 |
| | 0.20 | 16.0 | 8.01 | 9.6 | 12.02 | 14.4 | 16.03 | 19.2 | 20.04 | 23.9 | 24.05 | 28.7 | 7.21 | 8.6 | 11.22 | 13.4 | 15.23 | 18.2 | 19.24 | 23.0 | 23.25 | 27.8 |
| | 0.30 | 32.2 | 8.75 | 7.0 | 13.13 | 10.5 | 17.51 | 14.0 | 21.89 | 17.4 | 26.27 | 20.9 | 7.88 | 6.3 | 12.26 | 9.8 | 16.64 | 13.3 | 21.02 | 16.7 | 25.40 | 20.2 |
| | 0.35 | 42.1 | 9.00 | 6.1 | 13.50 | 9.2 | 18.00 | 12.3 | 22.50 | 15.4 | 27.00 | 18.4 | 8.10 | 5.5 | 12.60 | 8.6 | 17.10 | 11.7 | 21.60 | 14.7 | 26.10 | 17.8 |
| 1400 | 0.10 | 5.3 | 7.18 | 17.2 | 10.78 | 25.8 | 14.37 | 34.3 | 17.97 | 42.9 | 21.56 | 51.5 | 6.47 | 15.5 | 10.06 | 24.0 | 13.65 | 32.6 | 17.25 | 41.2 | 20.84 | 49.8 |
| | 0.20 | 17.7 | 9.22 | 11.0 | 13.84 | 16.5 | 18.45 | 22.0 | 23.07 | 27.6 | 27.68 | 33.1 | 8.30 | 9.9 | 12.91 | 15.4 | 17.53 | 20.9 | 22.14 | 26.5 | 26.76 | 32.0 |
| | 0.30 | 35.7 | 10.21 | 8.1 | 15.32 | 12.2 | 20.43 | 16.3 | 25.54 | 20.3 | 30.64 | 24.4 | 9.19 | 7.3 | 14.30 | 11.4 | 19.41 | 15.5 | 24.51 | 19.5 | 29.62 | 23.6 |
| | 0.35 | 46.6 | 10.54 | 7.2 | 15.81 | 10.8 | 21.08 | 14.4 | 26.36 | 18.0 | 31.63 | 21.6 | 9.48 | 6.5 | 14.76 | 10.1 | 20.03 | 13.7 | 25.30 | 17.3 | 30.57 | 20.9 |

Note: To obtain accurate air volume and cooling/heating capacities, refer to pages 54-74