

Specification

Direct fired absorption chiller heater (H series COP 1.51)

| Model name (WCDH) | | 010S | 012S | 015S | 018S | 021S | 024S | 028S | 032S | 036S | 040S | 045S | 050S | |
|----------------------------|---------------------|--------------------|-----------------------------|-----------|-----------|----------|----------|----------|-------------------|-----------|-----------|-----------|-----------|-------|
| Cooling capacity | RT | 100 | 120 | 150 | 180 | 210 | 240 | 280 | 320 | 360 | 400 | 450 | 500 | |
| | kW | 352 | 422 | 527 | 633 | 738 | 844 | 985 | 1,125 | 1,266 | 1,407 | 1,582 | 1,758 | |
| Heating capacity | kcal/h | 253,000 | 253,000 | 303,600 | 379,500 | 455,400 | 531,300 | 607,200 | 708,400 | 809,600 | 910,800 | 1,012,000 | 1,138,500 | |
| | kW | 294 | 294 | 353 | 441 | 530 | 618 | 706 | 824 | 941 | 1,059 | 1,177 | 1,324 | |
| Chilled water data | Temperature | °C 12 -- 7 | | | | | | | | | | | | |
| | Water flow rate | m ³ /h | 60.5 | 72.6 | 90.7 | 108.9 | 127 | 145.2 | 169.3 | 193.5 | 217.7 | 241.9 | 272.2 | 302.4 |
| | Pressure drop | mAq | 6.1 | 6.2 | 7.9 | 8.2 | 7.8 | 8.0 | 5.2 | 5.4 | 5.5 | 5.7 | 5.0 | 5.1 |
| | Connection size | A(mm) | 100 | 100 | 100 | 100 | 125 | 125 | 150 | 150 | 150 | 150 | 200 | 200 |
| B(inch) | | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 6 | 6 | 8 | 8 | |
| Hot water data | Temperature | °C 55.6 -- 60 | | | | | | | | | | | | |
| | Water flow rate | m ³ /h | 60.5 | 72.6 | 90.7 | 108.9 | 127 | 145.2 | 169.3 | 193.5 | 217.7 | 241.9 | 272.2 | 302.4 |
| | Pressure drop | mAq | 6.1 | 6.2 | 7.9 | 8.2 | 7.8 | 8.0 | 5.2 | 5.4 | 5.5 | 5.7 | 5.0 | 5.1 |
| | Connection size | A(mm) | 100 | 100 | 100 | 100 | 125 | 125 | 150 | 150 | 150 | 150 | 200 | 200 |
| B(inch) | | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 6 | 6 | 8 | 8 | |
| Cooling water data | Temperature | °C 32 -- 37 | | | | | | | | | | | | |
| | Water flow rate | m ³ /h | 100 | 120 | 150 | 180 | 210 | 240 | 280 | 320 | 360 | 400 | 450 | 500 |
| | Pressure drop | mAq | 3.8 | 4.1 | 5.0 | 5.4 | 5.9 | 6.5 | 5.5 | 5.8 | 6.1 | 6.6 | 5.5 | 5.7 |
| | Connection size | A(mm) | 125 | 125 | 125 | 125 | 150 | 150 | 200 | 200 | 200 | 200 | 250 | 250 |
| B(inch) | | 5 | 5 | 5 | 5 | 6 | 6 | 8 | 8 | 8 | 8 | 10 | 10 | |
| Fuel (Gas) | Nozzle size | A(mm) | 40 (at 4,000mmAq) | | | | | | 50 (at 4,000mmAq) | | | | | |
| | | B(inch) | 1 1/2 (at 4,000mmAq) | | | | | | 2 (at 4,000mmAq) | | | | | |
| | Cooling | Nm ³ /h | 21.4 | 25.7 | 32.1 | 38.5 | 44.9 | 51.3 | 59.9 | 68.4 | 77.0 | 85.5 | 96.2 | 106.9 |
| Heating | Nm ³ /h | 27.7 | 27.7 | 33.2 | 41.5 | 49.8 | 58.1 | 66.4 | 77.5 | 88.6 | 99.6 | 110.7 | 124.5 | |
| Electrical data | Source | V | 3ø 220/380/440V 50Hz (60Hz) | | | | | | | | | | | |
| | Total current | A | 12.7 | 13.9 | 16.1 | 17.1 | 18.5 | 18.5 | 24.2 | 27.2 | 30.1 | 30.1 | 29.8 | 29.8 |
| | Wire size | mm ² | 4 | 4 | 4 | 4 | 4 | 4 | 6 | 6 | 10 | 10 | 10 | 10 |
| | Power | kVA | 8.4 | 9.1 | 10.6 | 11.2 | 12.1 | 15.9 | 17.9 | 19.8 | 19.8 | 19.6 | 19.6 | |
| | Absorbent pump no.1 | kW(A) | 1.5(5.43) | 1.5(5.43) | 1.5(5.43) | 2.4(6.4) | 2.4(6.4) | 2.4(6.4) | 3.4(10.3) | 3.4(10.3) | 3.4(10.3) | 3.4(10.3) | 3.4(10.3) | |
| | Absorbent pump no.2 | kW(A) | 0.4(1.8) | 0.4(1.8) | 1.2(4.0) | 1.2(4.0) | 1.2(4.0) | 1.2(4.0) | 1.5(5.5) | 1.5(5.5) | 1.5(5.5) | 2.0(5.2) | 2.0(5.2) | |
| | Refrigerant pump | kW(A) | 0.2(1.1) | | | | | | | | | | | |
| | Purge pump | kW(A) | 0.4(1.45) | | | | | | | | | | | |
| | Burner blower (gas) | kW(A) | 0.72(2.1) | 1.5(3.3) | 1.5(3.3) | 1.5(3.3) | 2.2(4.7) | 2.2(4.7) | 2.2(4.7) | 3.0(7.7) | 5.5(10.6) | 5.5(10.6) | 5.5(10.6) | |
| | Dimension | Length | mm | 2,840 | 2,840 | 3,860 | 3,860 | 3,860 | 4,880 | 4,880 | 4,900 | 4,900 | 4,900 | 4,900 |
| Width | | mm | 1,940 | 2,010 | 2,015 | 2,110 | 2,250 | 2,250 | 2,235 | 2,335 | 2,480 | 2,646 | 2,720 | 3,080 |
| Height | | mm | 2,120 | 2,120 | 2,120 | 2,120 | 2,380 | 2,380 | 2,380 | 2,380 | 2,725 | 2,725 | 2,895 | 2,895 |
| Rigging | Operating | ton | 4.9 | 5.3 | 6.3 | 7.1 | 8.0 | 8.2 | 9.4 | 10.5 | 12.5 | 13.4 | 15.4 | 16.8 |
| | Total shipping | ton | 4.1 | 4.4 | 5.3 | 6.0 | 6.5 | 7.6 | 8.3 | 9.4 | 11 | 11.8 | 13.5 | 14.6 |
| Flue connection size | mm | 340x320 | 340x320 | 340x320 | 380x430 | 380x430 | 380x430 | 380x430 | 450x430 | 450x430 | 520x550 | 520x550 | 650x550 | |
| Clearance for tube removal | mm | 2,400 | 2,400 | 3,400 | 3,400 | 3,400 | 3,400 | 4,500 | 4,500 | 4,500 | 4,500 | 4,500 | 4,500 | |

- Notes: 1. 1RT = 3,024kcal/h, 1kW = 860kcal/h
2. Standard water side pressure (chilled & hot & cooling water circuit): 10kgf/cm²G (981kPa)
3. Standard gas pressure: 4,000mmAq
4. Standard gas low calorific value: 9360kcal/Nm³
5. The currents and electricity consumptions are based on 3Ph/380V/50Hz (60Hz).
6. The power supply wire size is based on the metal conduit and on 40°C ambient temperature.
7. Due to our policy of innovation some specifications may be changed without notification.
8. For information other than those in the above table, contact the nearest LG Electronics office.

Direct fired absorption chiller heater (H series COP 1.51)

| Model name (WCDH) | | 056S | 063S | 070S | 080S | 090S | 100S | 110S | 120S | 130S | 140S | 150S | | |
|----------------------------|---------------------|--------------------|-----------------------------|-----------|-----------|-----------|-----------|------------|----------------------|------------|------------|------------|-------|-------|
| Cooling capacity | RT | 560 | 630 | 700 | 800 | 900 | 1,000 | 1,100 | 1,200 | 1,300 | 1,400 | 1,500 | | |
| | kW | 1,969 | 2,215 | 2,461 | 2,813 | 3,165 | 3,516 | 3,868 | 4,220 | 4,571 | 4,923 | 5,274 | | |
| Heating capacity | kcal/h | 1,265,000 | 1,416,800 | 1,593,900 | 1,771,000 | 2,024,000 | 2,277,000 | 2,530,000 | 2,783,000 | 3,036,000 | 3,289,000 | 3,542,000 | | |
| | kW | 1,471 | 1,647 | 1,853 | 2,059 | 2,353 | 2,648 | 2,942 | 3,236 | 3,530 | 3,824 | 4,119 | | |
| Chilled water data | Temperature | °C 12 -- 7 | | | | | | | | | | | | |
| | Water flow rate | m ³ /h | 338.7 | 381 | 423.4 | 483.8 | 544.3 | 604.8 | 665.3 | 725.8 | 786.2 | 846.7 | 907.2 | |
| | Pressure drop | mAq | 5.1 | 7.0 | 9.3 | 6.7 | 9.1 | 12.1 | 9.0 | 11.6 | 14.6 | 11.4 | 14.0 | |
| | Connection size | A(mm) | 200 | 200 | 200 | 250 | 250 | 300 | 300 | 300 | 300 | 350 | 350 | |
| B(inch) | | 8 | 8 | 8 | 10 | 10 | 10 | 12 | 12 | 12 | 14 | 14 | | |
| Hot water data | Temperature | °C 55.6 -- 60 | | | | | | | | | | | | |
| | Water flow rate | m ³ /h | 338.7 | 381 | 423.4 | 483.8 | 544.3 | 604.8 | 665.3 | 725.8 | 786.2 | 846.7 | 907.2 | |
| | Pressure drop | mAq | 5.1 | 7.0 | 9.3 | 6.7 | 9.1 | 12.1 | 9.0 | 11.6 | 14.6 | 11.4 | 14.0 | |
| | Connection size | A(mm) | 200 | 200 | 200 | 250 | 250 | 300 | 300 | 300 | 300 | 350 | 350 | |
| B(inch) | | 8 | 8 | 8 | 10 | 10 | 10 | 12 | 12 | 12 | 14 | 14 | | |
| Cooling water data | Temperature | °C 32 -- 37 | | | | | | | | | | | | |
| | Water flow rate | m ³ /h | 560 | 630 | 700 | 800 | 900 | 1,000 | 1,100 | 1,200 | 1,300 | 1,400 | 1,500 | |
| | Pressure drop | mAq | 5.6 | 7.5 | 9.6 | 6.9 | 9.2 | 11.9 | 7.5 | 9.4 | 11.5 | 10.3 | 12.4 | |
| | Connection size | A(mm) | 300 | 300 | 300 | 350 | 350 | 350 | 400 | 400 | 400 | 400 | 400 | |
| B(inch) | | 12 | 12 | 12 | 14 | 14 | 14 | 16 | 16 | 16 | 16 | 16 | | |
| Fuel (Gas) | Nozzle size | A(mm) | 50 (at 4,000mmAq) | | | | | | 65 (at 4,000mmAq) | | | | | |
| | | B(inch) | 2 (at 4,000mmAq) | | | | | | 2 1/2 (at 4,000mmAq) | | | | | |
| | Cooling | Nm ³ /h | 119.7 | 134.7 | 149.7 | 171.0 | 192.4 | 213.8 | 235.2 | 256.6 | 277.9 | 299.3 | 320.7 | |
| Heating | Nm ³ /h | 138.4 | 155.0 | 174.4 | 193.7 | 221.4 | 249.1 | 276.8 | 304.4 | 332.1 | 359.8 | 387.5 | | |
| Electrical data | Source | V | 3ø 220/380/440V 50Hz (60Hz) | | | | | | | | | | | |
| | Total current | A | 35.7 | 39.1 | 39.1 | 44.4 | 49.4 | 55.9 | 73.7 | 73.7 | 73.7 | 73.7 | | |
| | Wire size | mm ² | 16 | 16 | 16 | 16 | 25 | 35 | 35 | 35 | 35 | 35 | | |
| | Power | kVA | 23.5 | 25.7 | 25.7 | 29.2 | 32.5 | 36.8 | 48.5 | 48.5 | 48.5 | 48.5 | | |
| | Absorbent pump no.1 | kW(A) | 6.6(16.2) | 6.6(16.2) | 6.6(16.2) | 5.5(20.0) | 7.5(25.0) | 7.5(25.0) | 7.5(25.0) | 7.5(25.0) | 7.5(25.0) | 7.5(25.0) | | |
| | Absorbent pump no.2 | kW(A) | 2.0(5.2) | 2.0(5.2) | 2.0(5.2) | 2.2(6.7) | 2.2(6.7) | 2.2(6.7) | 5.5(21.0) | 5.5(21.0) | 5.5(21.0) | 5.5(21.0) | | |
| | Refrigerant pump | kW(A) | 0.4(1.4) | 0.4(1.4) | 0.4(1.4) | 0.4(1.4) | 0.4(1.4) | 0.4(1.4) | 1.5(3.9) | 1.5(3.9) | 1.5(3.9) | 1.5(3.9) | | |
| | Purge pump | kW(A) | 0.4(1.45) | 0.4(1.45) | 0.4(1.45) | 0.4(1.45) | 0.4(1.45) | 0.4(1.45) | 0.75(2.5) | 0.75(2.5) | 0.75(2.5) | 0.75(2.5) | | |
| | Burner blower (gas) | kW(A) | 5.5(10.6) | 7.5(14.0) | 7.5(14.0) | 7.5(14.0) | 7.5(14.0) | 11.0(20.5) | 11.0(20.5) | 11.0(20.5) | 11.0(20.5) | 11.0(20.5) | | |
| | Dimension | Length | mm | 4,940 | 5,480 | 5,940 | 5,740 | 6,240 | 6,760 | 6,170 | 6,690 | 7,190 | 6,850 | 7,350 |
| Width | | mm | 3,280 | 3,280 | 3,570 | 3,670 | 3,670 | 3,670 | 4,340 | 4,340 | 4,340 | 4,750 | 4,750 | |
| Height | | mm | 3,360 | 3,360 | 3,360 | 3,800 | 3,800 | 3,800 | 3,900 | 3,900 | 3,900 | 4,000 | 4,000 | |
| Rigging | Operating | ton | 22.3 | 24.1 | 27.2 | 33.5 | 36.1 | 38.9 | 44.3 | 47.6 | 50.6 | 55.5 | 58.5 | |
| | Total shipping | ton | 19.6 | 21.2 | 24.3 | 23.8 | 25.6 | 27.4 | 31.4 | 33.6 | 35.6 | 38.9 | 40.7 | |
| Flue connection size | mm | 650x550 | 650x550 | 750x550 | 750x550 | 750x550 | 900x400 | 900x400 | 900x400 | 900x400 | 900x400 | | | |
| Clearance for tube removal | mm | 4,500 | 5,200 | 5,700 | 5,200 | 5,700 | 6,200 | 5,700 | 6,200 | 6,700 | 6,200 | 6,700 | | |

- Notes: 1. 1RT = 3,024kcal/h, 1kW = 860kcal/h
2. Standard water side pressure (chilled & hot & cooling water circuit): 10kgf/cm²G (981kPa)
3. Standard gas pressure: 4,000mmAq
4. Standard gas low calorific value: 9,360kcal/Nm³
5. The currents and electricity consumptions are based on 3Ph/380V/50Hz (60Hz).
6. The power supply wire size is based on the metal conduit and on 40°C ambient temperature.
7. Due to our policy of innovation some specifications may be changed without notification.
8. For information other than those in the above table, contact the nearest LG Electronics office.

Specification

Direct fired absorption chiller heater (N series COP 1.34)

| Model name (WCDN) | | 010S | 012S | 015S | 018S | 021S | 024S | 028S | 032S | |
|----------------------------|---------------------|--------------------|-----------------------------|-----------|-----------|----------|----------|----------|-----------|-----------|
| Cooling capacity | RT | 100 | 120 | 150 | 180 | 210 | 240 | 280 | 320 | |
| | kW | 352 | 422 | 528 | 633 | 739 | 844 | 985 | 1,125 | |
| Heating capacity | kcal/h | 253,000 | 303,600 | 379,500 | 455,400 | 531,300 | 607,200 | 708,400 | 809,600 | |
| | kW | 294 | 353 | 441 | 530 | 618 | 706 | 824 | 941 | |
| Chilled water data | Temperature | °C 12 → 7 | | | | | | | | |
| | Water flow rate | m ³ /h | 60.5 | 72.6 | 90.7 | 108.9 | 127.0 | 145.2 | 169.3 | 193.5 |
| | Pressure drop | mAq | 5.3 | 5.7 | 5.2 | 5.7 | 4.7 | 5.2 | 10.7 | 10.7 |
| | Connection size | A(mm) | 100 | 100 | 100 | 100 | 125 | 125 | 150 | 150 |
| | | B(inch) | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 6 |
| Hot water data | Temperature | °C 55.8 → 60 | | | | | | | | |
| | Water flow rate | m ³ /h | 60.5 | 72.6 | 90.7 | 108.9 | 127.0 | 145.2 | 169.3 | 193.5 |
| | Pressure drop | mAq | 5.3 | 5.7 | 5.2 | 5.7 | 4.7 | 5.2 | 10.7 | 10.7 |
| | Connection size | A(mm) | 100 | 100 | 100 | 100 | 125 | 125 | 150 | 150 |
| | | B(inch) | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 6 |
| Cooling water data | Temperature | °C 32 → 37.2 | | | | | | | | |
| | Water flow rate | m ³ /h | 100 | 120 | 150 | 180 | 210 | 240 | 280 | 320 |
| | Pressure drop | mAq | 7.8 | 8.2 | 8.1 | 8.6 | 8.5 | 9.3 | 14.5 | 15.1 |
| | Connection size | A(mm) | 125 | 125 | 125 | 125 | 150 | 150 | 200 | 200 |
| B(inch) | | 5 | 5 | 5 | 5 | 6 | 6 | 8 | 8 | |
| Fuel (Gas) | Nozzle size | A(mm) | 40 (at 4,000mmAq) | | | | | | | |
| | | B(inch) | 1 1/2 (at 4,000mmAq) | | | | | | | |
| | Cooling | Nm ³ /h | 24.0 | 28.8 | 36.0 | 43.3 | 50.5 | 57.7 | 67.3 | 76.9 |
| Heating | Nm ³ /h | 28.9 | 34.6 | 43.3 | 52.0 | 60.6 | 69.3 | 80.8 | 92.4 | |
| Electrical data | Source | V | 3ø 220/380/440V 50Hz (60Hz) | | | | | | | |
| | Total current | A | 12.7 | 12.7 | 15.9 | 17.8 | 17.8 | 17.8 | 23.9 | 24.5 |
| | Wire size | mm ² | 4 | 4 | 4 | 6 | 6 | 6 | 10 | 10 |
| | Power | kVA | 8.3 | 8.3 | 10.4 | 11.7 | 11.7 | 11.7 | 15.7 | 16.1 |
| | Absorbent pump no.1 | kW(A) | 1.5(5.43) | 1.5(5.43) | 2.4(6.4) | 2.4(6.4) | 2.4(6.4) | 2.4(6.4) | 3.4(10.3) | 3.4(10.3) |
| | Absorbent pump no.2 | kW(A) | 0.4(1.8) | 0.4(1.8) | 1.2(4.0) | 1.2(4.0) | 1.2(4.0) | 1.2(4.0) | 1.5(5.5) | 1.5(5.5) |
| | Refrigerant pump | kW(A) | 0.2(1.1) | 0.2(1.1) | 0.2(1.1) | 0.2(1.1) | 0.2(1.1) | 0.2(1.1) | 0.4(1.4) | 0.4(1.4) |
| | Purge pump | kW(A) | 0.4(1.45) | | | | | | | |
| | Burner blower (Gas) | kW(A) | 0.72(2.1) | 0.72(2.1) | 0.72(2.1) | 1.1(4.0) | 1.5(4.0) | 1.5(4.0) | 1.8(4.4) | 2.2(5.0) |
| | Dimension | Length | mm | 2,870 | 3,070 | 3,740 | 3,740 | 3,770 | 3,845 | 4,790 |
| Width | | mm | 1,910 | 1,910 | 2,015 | 2,015 | 2,200 | 2,200 | 2,235 | 2,235 |
| Height | | mm | 2,130 | 2,130 | 2,130 | 2,130 | 2,280 | 2,280 | 2,280 | 2,280 |
| Rigging | Operating | Ton | 4.8 | 5.1 | 6.1 | 6.7 | 7.9 | 8.2 | 9.2 | 9.8 |
| | Total shipping | Ton | 4.0 | 4.2 | 5.1 | 5.6 | 6.4 | 7.6 | 8.1 | 8.7 |
| Flue connection size | mm | 280x210 | 280x210 | 280x210 | 280x210 | 310x310 | 310x310 | 310x310 | 310x310 | |
| Clearance for tube removal | mm | 2,400 | 2,400 | 3,400 | 3,400 | 3,400 | 3,400 | 4,500 | 4,500 | |

- Note: 1. 1RT = 3,024kcal/h, 1kW = 860kcal/h
 2. Standard water side pressure (chilled & hot & cooling water circuit): 10kgf/cm²G (981kPa)
 3. Standard gas pressure: 4,000mmAq
 4. Standard gas low calorific value: 9,360kcal/Nm³
 5. The currents and electricity consumptions are based on 3Ph/380V/50Hz (60Hz).
 6. The power supply wire size is based on the metal conduit and on 40°C ambient temperature.
 7. Due to our policy of innovation some specifications may be changed without notification.
 8. For information other than those in the above table, contact the nearest LG Electronics office.

Direct fired absorption chiller heater (N series COP 1.34)

| Model name (WCDN) | | 036S | 040S | 045S | 050S | 056S | 063S | 070S | | |
|----------------------------|---------------------|--------------------|-----------------------------|-------------------|-----------|-----------|-----------|-----------|-----------|-------|
| Cooling capacity | RT | 360 | 400 | 450 | 500 | 560 | 630 | 700 | | |
| | kW | 1,266 | 1,407 | 1,583 | 1,758 | 1,969 | 2,216 | 2,462 | | |
| Heating capacity | kcal/h | 910,800 | 1,012,000 | 1,138,500 | 1,265,000 | 1,416,800 | 1,593,900 | 1,771,000 | | |
| | kW | 1,059 | 1,177 | 1,324 | 1,471 | 1,647 | 1,853 | 2,059 | | |
| Chilled water data | Temperature | °C 12 → 7 | | | | | | | | |
| | Water flow rate | m ³ /h | 217.7 | 241.9 | 272.2 | 302.4 | 338.7 | 381.0 | 423.4 | |
| | Pressure drop | mAq | 10.8 | 11.6 | 10.7 | 11.0 | 5.5 | 7.6 | 10.1 | |
| | Connection size | A(mm) | 150 | 150 | 200 | 200 | 200 | 200 | 200 | |
| | | B(inch) | 6 | 6 | 8 | 8 | 8 | 8 | 8 | |
| Hot water data | Temperature | °C 55.8 → 60 | | | | | | | | |
| | Water flow rate | m ³ /h | 217.7 | 241.9 | 272.2 | 302.4 | 338.7 | 381.0 | 423.4 | |
| | Pressure drop | mAq | 10.8 | 11.6 | 10.7 | 11.0 | 5.5 | 7.6 | 10.1 | |
| | Connection size | A(mm) | 150 | 150 | 200 | 200 | 200 | 200 | 200 | |
| | | B(inch) | 6 | 6 | 8 | 8 | 8 | 8 | 8 | |
| Cooling water data | Temperature | °C 32 → 37.2 | | | | | | | | |
| | Water flow rate | m ³ /h | 360 | 400 | 450 | 500 | 560 | 630 | 700 | |
| | Pressure drop | mAq | 14.8 | 15.5 | 14.2 | 14.2 | 9.1 | 12.2 | 15.9 | |
| | Connection size | A(mm) | 200 | 200 | 250 | 250 | 300 | 300 | 300 | |
| B(inch) | | 8 | 8 | 12 | 12 | 12 | 12 | 12 | | |
| Fuel (Gas) | Nozzle size | A(mm) | 40 (at 4,000mmAq) | 50 (at 4,000mmAq) | | | | | | |
| | | B(inch) | 1 1/2 (at 4,000mmAq) | 2 (at 4,000mmAq) | | | | | | |
| | Cooling | Nm ³ /h | 86.5 | 96.1 | 108.1 | 120.2 | 134.6 | 151.4 | 168.2 | |
| Heating | Nm ³ /h | 103.9 | 115.5 | 129.9 | 144.4 | 161.7 | 181.9 | 202.1 | | |
| Electrical data | Source | V | 3ø 220/380/440V 50Hz (60Hz) | | | | | | | |
| | Total current | A | 24.5 | 26.0 | 25.7 | 25.7 | 38.1 | 38.1 | 38.1 | |
| | Wire size | mm ² | 10 | 10 | 10 | 10 | 16 | 16 | 16 | |
| | Power | kVA | 16.1 | 17.1 | 16.9 | 16.9 | 25 | 25 | 25 | |
| | Absorbent pump no.1 | kW(A) | 3.4(10.3) | 3.4(10.3) | 3.4(10.3) | 3.4(10.3) | 6.6(16.2) | 6.6(16.2) | 6.6(16.2) | |
| | Absorbent pump no.2 | kW(A) | 1.5(5.5) | 1.5(5.5) | 2.0(5.2) | 2.0(5.2) | 2.0(5.2) | 2.0(5.2) | 2.0(5.2) | |
| | Refrigerant pump | kW(A) | 0.4(1.4) | | | | | | | |
| | Purge pump | kW(A) | 0.4(1.45) | | | | | | | |
| | Burner blower (Gas) | kW(A) | 2.2(5.0) | 3.0(6.5) | 3.0(6.5) | 3.0(6.5) | 5.5(13.0) | 5.5(13.0) | 5.5(13.0) | |
| | Dimension | Length | mm | 4,915 | 4,915 | 4,915 | 4,915 | 4,975 | 5,520 | 6,015 |
| Width | | mm | 2,480 | 2,480 | 2,720 | 2,720 | 3,280 | 3,280 | 3,280 | |
| Height | | mm | 2,535 | 2,535 | 2,790 | 2,790 | 3,240 | 3,240 | 3,240 | |
| Rigging | Operating | Ton | 12.3 | 12.7 | 15.2 | 15.6 | 22.0 | 23.7 | 25.5 | |
| | Total shipping | Ton | 10.8 | 11.1 | 13.3 | 13.4 | 19.3 | 20.8 | 22.3 | |
| Flue connection size | mm | 360x310 | 360x310 | 410x310 | 410x310 | 500x350 | 500x350 | 500x350 | | |
| Clearance for tube removal | mm | 4,500 | 4,500 | 4,500 | 4,500 | 4,600 | 5,200 | 5,700 | | |

- Note: 1. 1RT = 3,024kcal/h, 1kW = 860kcal/h
 2. Standard water side pressure (chilled & hot & cooling water circuit): 10kgf/cm²G (981kPa)
 3. Standard gas pressure: 4,000mmAq
 4. Standard gas low calorific value: 9,360kcal/Nm³
 5. The currents and electricity consumptions are based on 3Ph/380V/50Hz (60Hz).
 6. The power supply wire size is based on the metal conduit and on 40°C ambient temperature.
 7. Due to our policy of innovation some specifications may be changed without notification.
 8. For information other than those in the above table, contact the nearest LG Electronics office.

Specification

Direct fired absorption chiller heater (S series COP 1.12)

| Model name (WCDS) | | 010S | 12S | 015S | 018S | 021S | 024S | 028S | 032S | 036S | 040S | 045S | 050S | |
|----------------------------|---------------------|--------------------|-----------------------------|-----------|-----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|
| Cooling capacity | RT | 100 | 120 | 150 | 180 | 210 | 240 | 280 | 320 | 360 | 400 | 450 | 500 | |
| | kW | 352 | 422 | 528 | 633 | 739 | 844 | 985 | 1125 | 1266 | 1407 | 1583 | 1758 | |
| Heating capacity | kcal/h | 253,000 | 303,600 | 378,500 | 455,400 | 531,300 | 607,200 | 708,400 | 809,600 | 910,800 | 1,012,000 | 1,138,500 | 1,265,000 | |
| | kW | 294 | 353 | 441 | 529 | 617 | 706 | 823 | 941 | 1059 | 1176 | 1323 | 1470 | |
| Chilled water data | Temperature | °C 12 → 7 | | | | | | | | | | | | |
| | Water flow rate | m ³ /h | 60.5 | 72.6 | 90.7 | 108.9 | 127.0 | 145.2 | 169.3 | 193.5 | 217.7 | 241.9 | 272.2 | 302.4 |
| | Pressure drop | mAq | 6.5 | 6.6 | 8.0 | 8.3 | 7.5 | 7.9 | 5.1 | 5.5 | 5.8 | 6.1 | 5.2 | 5.5 |
| | Connection size | A(mm) | 100 | 100 | 100 | 100 | 125 | 125 | 150 | 150 | 150 | 150 | 200 | 200 |
| | | B(inch) | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 6 | 6 | 8 | 8 |
| Hot water data | Temperature | °C 55.8 → 60 | | | | | | | | | | | | |
| | Water flow rate | m ³ /h | 60.5 | 72.6 | 90.7 | 108.9 | 127.0 | 145.2 | 169.3 | 193.5 | 217.7 | 241.9 | 272.2 | 302.4 |
| | Pressure drop | mAq | 6.5 | 6.6 | 8.0 | 8.3 | 7.5 | 7.9 | 5.1 | 5.5 | 5.8 | 6.1 | 5.2 | 5.5 |
| | Connection size | A(mm) | 100 | 100 | 100 | 100 | 125 | 125 | 150 | 150 | 150 | 150 | 200 | 200 |
| | | B(inch) | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 6 | 6 | 8 | 8 |
| Cooling water data | Temperature | °C 32 → 37.5 | | | | | | | | | | | | |
| | Water flow rate | m ³ /h | 100 | 120 | 150 | 180 | 210 | 240 | 280 | 320 | 360 | 400 | 450 | 500 |
| | Pressure drop | mAq | 3.9 | 4.4 | 6.5 | 7.7 | 5.6 | 6.2 | 10.9 | 12.1 | 8.7 | 9.4 | 10.3 | 11.2 |
| | Connection size | A(mm) | 125 | 125 | 125 | 125 | 150 | 150 | 200 | 200 | 200 | 200 | 250 | 250 |
| B(inch) | | 5 | 5 | 5 | 5 | 6 | 6 | 8 | 8 | 8 | 8 | 10 | 10 | |
| Fuel (gas) | Cooling | Nm ³ /h | 28.9 | 34.6 | 43.3 | 52.0 | 60.6 | 69.3 | 80.8 | 92.4 | 103.9 | 115.5 | 129.9 | 144.4 |
| | Heating | Nm ³ /h | 28.9 | 34.6 | 43.3 | 52.0 | 60.6 | 69.3 | 80.8 | 92.4 | 103.9 | 115.5 | 129.9 | 144.4 |
| Electrical data | Source | V | 3ø 220/380/440V 50Hz (60Hz) | | | | | | | | | | | |
| | Total current | A | 10.6 | 10.6 | 11.6 | 13.5 | 13.5 | 13.5 | 18.1 | 18.7 | 18.7 | 20.2 | 21.9 | 21.9 |
| | Wire size | mm ² | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 6 | 6 | 6 |
| | Power | kVA | 7.0 | 7.0 | 7.6 | 8.9 | 8.9 | 8.9 | 11.9 | 12.3 | 12.3 | 13.3 | 14.4 | 14.4 |
| | Absorbent pump no.1 | kW(A) | 1.5(5.43) | 1.5(5.43) | 2.4(6.4) | 2.4(6.4) | 2.4(6.4) | 3.4(10.3) | 3.4(10.3) | 3.4(10.3) | 3.4(10.3) | 3.7(12.0) | 3.7(12.0) | |
| | Absorbent pump no.2 | kW(A) | n/a | | | | | | | | | | | |
| | Refrigerant pump | kW(A) | 0.2(1.1) | 0.2(1.1) | 0.2(1.1) | 0.2(1.1) | 0.2(1.1) | 0.2(1.1) | 0.4(1.4) | 0.4(1.4) | 0.4(1.4) | 0.4(1.4) | 0.4(1.4) | 0.4(1.4) |
| | Purge pump | kW(A) | 0.4(1.45) | | | | | | | | | | | |
| | Burner blower (gas) | kW(A) | 0.72(2.1) | 0.72(2.1) | 0.72(2.1) | 1.1(4.0) | 1.5(4.0) | 1.5(4.0) | 1.8(4.4) | 2.2(5.0) | 2.2(5.0) | 3.0(6.5) | 3.0(6.5) | 3.0(6.5) |
| | Dimension | Length | mm | 2700 | 2700 | 3720 | 3,720 | 3,740 | 3,740 | 4,780 | 4,780 | 4,890 | 4,890 | 4,870 |
| Width | | mm | 1,990 | 1,990 | 1,990 | 2,010 | 2,190 | 2,210 | 2,170 | 2,170 | 2,310 | 2,350 | 2,570 | 2,570 |
| Height | | mm | 2,030 | 2,030 | 2,030 | 2,030 | 2,300 | 2,300 | 2,300 | 2,300 | 2,540 | 2,540 | 2,765 | 2,765 |
| Rigging | Operating | ton | 4.8 | 5.1 | 6.1 | 6.7 | 7.9 | 8.2 | 9.2 | 9.8 | 12.3 | 12.7 | 15.2 | 15.6 |
| | Total shipping | ton | 3.2 | 3.3 | 4.0 | 4.3 | 5.0 | 6.0 | 6.2 | 6.7 | 8.4 | 8.6 | 10.3 | 10.5 |
| Flue connection size | mm | 280x210 | 280x210 | 280x210 | 280x210 | 310x310 | 310x310 | 310x310 | 310x310 | 360x310 | 360x310 | 410x310 | 410x310 | |
| Clearance for tube removal | mm | 2,400 | 2,400 | 3,400 | 3,400 | 3,400 | 3,400 | 4,500 | 4,500 | 4,500 | 4,500 | 4,500 | 4,500 | |

- Note: 1. 1RT = 3,024kcal/h, 1kW = 860kcal/h
 2. Standard water side pressure (chilled & hot & cooling water circuit): 10kgf/cm²G (981kPa)
 3. Standard gas pressure: 4,000mmAq
 4. Standard gas low calorific value: 9,360kcal/Nm³
 5. The currents and electricity consumptions are based on 3Ph/380V/50Hz (60Hz).
 6. The power supply wire size is based on the metal conduit and on 40°C ambient temperature.
 7. Due to our policy of innovation some specifications may be changed without notification.
 8. For information other than those in the above table, contact the nearest LG Electronics office.

Direct fired absorption chiller heater (S series COP 1.12)

| Model name (WCDS) | | 056S | 063S | 070S | 080S | 090S | 100S | 110S | 120S | 130S | 140S | 150S | | |
|----------------------------|---------------------|--------------------|-----------------------------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|------------|-------|
| Cooling capacity | RT | 560 | 630 | 700 | 800 | 900 | 1,000 | 1,100 | 1,200 | 1,300 | 1,400 | 1,500 | | |
| | kW | 1,969 | 2,216 | 2,462 | 2,813 | 3,165 | 3,517 | 3,869 | 4,220 | 4,572 | 4,924 | 5,275 | | |
| Heating capacity | kcal/h | 1,416,800 | 1,593,900 | 1,771,000 | 2,024,000 | 2,277,000 | 2,530,000 | 2,783,000 | 3,036,000 | 3,289,000 | 3,542,000 | 3,795,000 | | |
| | kW | 1,647 | 1,852 | 2,058 | 2,352 | 2,646 | 2,940 | 3,234 | 3,529 | 3,823 | 4,117 | 4,411 | | |
| Chilled water data | Temperature | °C 12 → 7 | | | | | | | | | | | | |
| | Water flow rate | m ³ /h | 338.7 | 381.0 | 423.4 | 483.8 | 544.3 | 604.8 | 665.3 | 725.8 | 786.2 | 846.7 | 907.2 | |
| | Pressure drop | mAq | 5.2 | 7.1 | 9.4 | 4.7 | 6.4 | 8.4 | 6.2 | 7.9 | 9.8 | 8.0 | 9.8 | |
| | Connection size | A(mm) | 200 | 200 | 200 | 250 | 250 | 250 | 300 | 300 | 300 | 350 | 350 | |
| | | B(inch) | 8 | 8 | 8 | 10 | 10 | 10 | 12 | 12 | 12 | 14 | 14 | |
| Hot water data | Temperature | °C 55.8 → 60 | | | | | | | | | | | | |
| | Water flow rate | m ³ /h | 338.7 | 381.0 | 423.4 | 483.8 | 544.3 | 604.8 | 665.3 | 725.8 | 786.2 | 846.7 | 907.2 | |
| | Pressure drop | mAq | 5.2 | 7.1 | 9.4 | 4.7 | 6.4 | 8.4 | 6.2 | 7.9 | 9.8 | 8.0 | 9.8 | |
| | Connection size | A(mm) | 200 | 200 | 200 | 250 | 250 | 250 | 300 | 300 | 300 | 350 | 350 | |
| | | B(inch) | 8 | 8 | 8 | 10 | 10 | 10 | 12 | 12 | 12 | 14 | 14 | |
| Cooling water data | Temperature | °C 32 → 37.5 | | | | | | | | | | | | |
| | Water flow rate | m ³ /h | 560 | 630 | 700 | 800 | 900 | 1,000 | 1,100 | 1,200 | 1,300 | 1,400 | 1,500 | |
| | Pressure drop | mAq | 8.0 | 10.6 | 13.7 | 8.4 | 11.1 | 14.3 | 8.8 | 10.9 | 13.4 | 12.3 | 14.6 | |
| | Connection size | A(mm) | 300 | 300 | 300 | 350 | 350 | 350 | 400 | 400 | 400 | 400 | 400 | |
| B(inch) | | 12 | 12 | 12 | 14 | 14 | 14 | 16 | 16 | 16 | 16 | 16 | | |
| Fuel (gas) | Cooling | Nm ³ /h | 161.7 | 181.9 | 202.1 | 231.0 | 259.9 | 288.7 | 317.6 | 346.5 | 375.4 | 404.2 | 433.1 | |
| | Heating | Nm ³ /h | 161.7 | 181.9 | 202.1 | 231.0 | 259.9 | 288.7 | 317.6 | 346.5 | 375.4 | 404.2 | 433.1 | |
| Electrical data | Source | V | 3ø 220/380/440V 50Hz (60Hz) | | | | | | | | | | | |
| | Total current | A | 38.1 | 38.1 | 38.1 | 46.2 | 51.2 | 51.2 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | |
| | Wire size | mm ² | 16 | 16 | 16 | 16 | 25 | 25 | 35 | 35 | 35 | 35 | 35 | |
| | Power | kVA | 25.0 | 25.0 | 25.0 | 30.4 | 33.7 | 33.7 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | |
| | Absorbent pump no.1 | kW(A) | 6.6(16.2) | 6.6(16.2) | 6.6(16.2) | 5.5(20.0) | 7.5(25.0) | 7.5(25.0) | 7.5(25.0) | 7.5(25.0) | 7.5(25.0) | 7.5(25.0) | 7.5(25.0) | |
| | Absorbent pump no.2 | kW(A) | 2.0(5.2) | 2.0(5.2) | 2.0(5.2) | 2.2(6.7) | 2.2(6.7) | 2.2(6.7) | 5.5(21.0) | 5.5(21.0) | 5.5(21.0) | 5.5(21.0) | 5.5(21.0) | |
| | Refrigerant pump | kW(A) | 0.4(1.4) | 0.4(1.4) | 0.4(1.4) | 0.4(1.4) | 0.4(1.4) | 0.4(1.4) | 1.5(3.9) | 1.5(3.9) | 1.5(3.9) | 1.5(3.9) | 1.5(3.9) | |
| | Purge pump | kW(A) | 0.4(1.45) | 0.4(1.45) | 0.4(1.45) | 0.4(1.45) | 0.4(1.45) | 0.4(1.45) | 0.75(2.5) | 0.75(2.5) | 0.75(2.5) | 0.75(2.5) | 0.75(2.5) | |
| | Burner blower (gas) | kW(A) | 5.5(13.0) | 5.5(13.0) | 5.5(13.0) | 7.5(15.8) | 7.5(15.8) | 7.5(15.8) | 11.0(22.7) | 11.0(22.7) | 11.0(22.7) | 11.0(22.7) | 11.0(22.7) | |
| | Dimension | Length | mm | 5,060 | 5,600 | 6,100 | 5,740 | 6,240 | 6,760 | 6,170 | 6,690 | 7,190 | 6,850 | 7,350 |
| Width | | mm | 3,080 | 3,080 | 3,080 | 3,400 | 3,400 | 3,400 | 4,180 | 4,180 | 4,180 | 4,590 | 4,590 | |
| Height | | mm | 3,066 | 3,066 | 3,066 | 3,600 | 3,600 | 3,600 | 3,600 | 3,600 | 3,600 | 3,800 | 3,800 | |
| Rigging | Operating | ton | 21.2 | 22.9 | 24.7 | 33.5 | 36.1 | 38.9 | 44.3 | 47.6 | 50.6 | 55.5 | 58.5 | |
| | Total shipping | ton | 14.9 | 15.9 | 17.0 | 23.8 | 25.6 | 27.4 | 31.4 | 33.6 | 35.6 | 38.9 | 40.7 | |
| Flue connection size | mm | 500x350 | 500x350 | 500x350 | 602x400 | 602x400 | 602x400 | 900x400 | 900x400 | 900x400 | 900x400 | 900x400 | | |
| Clearance for tube removal | mm | 4,600 | 5,200 | 5,700 | 5,200 | 5,700 | 6,200 | 5,700 | 6,200 | 6,700 | 6,200 | 6,700 | | |

- Note: 1. 1RT = 3,024kcal/h, 1kW = 860kcal/h
 2. Standard water side pressure (chilled & hot & cooling water circuit): 10kgf/cm²G (981kPa)
 3. Standard gas pressure: 4,000mmAq
 4. Standard gas low calorific value: 9,360kcal/Nm³
 5. The currents and electricity consumptions are based on 3Ph/380V/50Hz (60Hz).
 6. The power supply wire size is based on the metal conduit and on 40°C ambient temperature.
 7. Due to our policy of innovation some specifications may be changed without notification.
 8. For information other than those in the above table, contact the nearest LG Electronics office.

Specification

Direct fired absorption chiller heater (A series COP 1.06)

| Model name (WCDA) | | | 005 | 006 | 007 | 008 |
|----------------------------|---------------------|--------------------|-----------------------------|-----------|-----------|-----------|
| Cooling capacity | RT | | 50 | 60 | 70 | 80 |
| | kW | | 176 | 211 | 246 | 281 |
| Heating capacity | 103kcal/h | | 182 | 218 | 254 | 291 |
| | kW | | 212 | 253 | 295 | 338 |
| Chilled water data | Temperature | °C | 12 → 7 | | | |
| | Water flow rate | m ³ /h | 30.3 | 36.3 | 42.4 | 48.4 |
| | Pressure drop | mAq | 3.0 | 3.3 | 2.4 | 2.5 |
| | Connection size | A(mm) | 80 | | | |
| | | B(inch) | 3 | | | |
| Hot water data | Temperature | °C | 54 → 60 | | | |
| | Water flow rate | m ³ /h | 30.3 | 36.3 | 42.4 | 48.4 |
| | Pressure drop | mAq | 3.0 | 3.3 | 2.4 | 2.5 |
| | Connection size | A(mm) | 80 | | | |
| | | B(inch) | 3 | | | |
| Cooling water data | Temperature | °C | 32 → 37.6 | | | |
| | Water flow rate | m ³ /h | 50 | 60 | 70 | 80 |
| | Pressure drop | mAq | 4.4 | 5.2 | 3.9 | 4.2 |
| | Connection size | A(mm) | 100 | | | |
| B(inch) | | 4 | | | | |
| Fuel (gas) | Cooling | Nm ³ /h | 15.3 | 18.4 | 21.5 | 24.5 |
| | Heating | Nm ³ /h | 21.1 | 25.3 | 29.5 | 33.7 |
| Electrical data | Source | V | 3ø 220/380/440V 50Hz (60Hz) | | | |
| | Absorbent pump | kW(A) | 1.2(4.1) | 1.2(4.1) | 1.2(4.1) | 1.2(4.1) |
| | Refrigerant pump | kW(A) | 0.2(1.1) | 0.2(1.1) | 0.2(1.1) | 0.2(1.1) |
| | Purge pump | kW(A) | 0.4(1.45) | 0.4(1.45) | 0.4(1.45) | 0.4(1.45) |
| | Burner blower (gas) | kW(A) | 0.37(1.0) | 0.37(1.0) | 0.74(2.3) | 0.74(2.3) |
| | Control circuit | kW(A) | 0.3(0.5) | | | |
| | Total current | A | 8.2 | 8.2 | 9.5 | 9.5 |
| | Wire size | mm ² | 4 | | | |
| | Power | kVA | 5.4 | 5.4 | 6.2 | 6.2 |
| | Dimension | Length | mm | 1,976 | 1,976 | 2,480 |
| Width | | mm | 1,875 | 1,875 | 1,875 | 1,875 |
| Height | | mm | 1,852 | 1,852 | 1,852 | 1,852 |
| Rigging | Operating | ton | 3.2 | 3.4 | 3.8 | 4.0 |
| | Total shipping | ton | 2.9 | 3.1 | 3.5 | 3.7 |
| Flue connection size | mm | 190x100 | 190x100 | 270x150 | 270x150 | |
| Clearance for tube removal | mm | 1,700 | 1,700 | 2,200 | 2,200 | |

- Note: 1. 1RT = 3,024kcal/h, 1kW = 860kcal/h
 2. Standard water side pressure (chilled & hot & cooling water circuit): 5kgf/cm²G (490kPa)
 3. Standard gas pressure: 200mmAq
 4. Standard gas low calorific value: 9360kcal/Nm³
 5. The currents and electricity consumptions are based on 3Ph/380V/50Hz (60Hz).
 6. The power supply wire size is based on the metal conduit and on 40°C ambient temperature.
 7. Due to our policy of innovation some specifications may be changed without notification.
 8. For information other than those in the above table, contact the nearest LG Electronics office.

Steam fired absorption chiller

| Model name (WCSS) | | | 010 | 012 | 015 | 018 | 021 | 024 | 028 | 032 | 036 | 040 | 045 | 050 |
|----------------------------|---------------------|-------------------|-----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Cooling capacity | RT | | 100 | 120 | 150 | 180 | 210 | 240 | 280 | 320 | 360 | 400 | 450 | 500 |
| | kW | | 352 | 422 | 527 | 633 | 738 | 844 | 985 | 1,125 | 1,266 | 1,407 | 1,582 | 1,758 |
| Chilled water data | Temperature | °C | 12 → 7 | | | | | | | | | | | |
| | Water flow rate | m ³ /h | 60.5 | 72.6 | 90.7 | 108.9 | 127.0 | 145.2 | 169.3 | 193.5 | 217.7 | 241.9 | 272.2 | 302.4 |
| | Pressure drop | mAq | 6.5 | 6.4 | 8.0 | 8.3 | 7.5 | 7.9 | 5.1 | 5.5 | 5.8 | 6.1 | 5.2 | 5.5 |
| | Connection size | A(mm) | 100 | 100 | 100 | 100 | 125 | 125 | 150 | 150 | 150 | 150 | 200 | 200 |
| B(inch) | | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 6 | 6 | 8 | 8 | |
| Cooling water data | Temperature | °C | 32 → 37.5 | | | | | | | | | | | |
| | Water flow rate | m ³ /h | 100 | 120 | 150 | 180 | 210 | 240 | 280 | 320 | 360 | 400 | 450 | 500 |
| | Pressure drop | mAq | 3.9 | 4.4 | 6.5 | 7.7 | 5.6 | 6.2 | 10.9 | 12.1 | 8.7 | 9.4 | 10.3 | 11.2 |
| | Connection size | A(mm) | 125 | 125 | 125 | 125 | 150 | 150 | 200 | 200 | 200 | 200 | 250 | 250 |
| B(inch) | | 5 | 5 | 5 | 5 | 6 | 6 | 8 | 8 | 8 | 8 | 10 | 10 | |
| Electrical data | Source | V | 3ø 220/380/440V 50Hz (60Hz) | | | | | | | | | | | |
| | Total current | A | 8.5 | 8.5 | 9.5 | 9.5 | 9.5 | 9.5 | 13.7 | 13.7 | 13.7 | 13.7 | 15.4 | 15.4 |
| | Wire size | mm ² | 4 | | | | | | | | | | | |
| | Power | kVA | 5.6 | 5.6 | 6.2 | 6.2 | 6.2 | 6.2 | 9.0 | 9.0 | 9.0 | 9.0 | 10.1 | 10.1 |
| | Absorbent pump no.1 | kW(A) | 1.5(5.43) | 1.5(5.43) | 2.4(8.4) | 2.4(8.4) | 2.4(8.4) | 2.4(8.4) | 3.4(10.3) | 3.4(10.3) | 3.4(10.3) | 3.4(10.3) | 3.7(12.0) | 3.7(12.0) |
| | Absorbent pump no.2 | kW(A) | n/a | | | | | | | | | | | |
| Dimension | Refrigerant pump | kW(A) | 0.2(1.1) | 0.2(1.1) | 0.2(1.1) | 0.2(1.1) | 0.2(1.1) | 0.2(1.1) | 0.4(1.4) | 0.4(1.4) | 0.4(1.4) | 0.4(1.4) | 0.4(1.4) | 0.4(1.4) |
| | Purge pump | kW(A) | 0.4(1.45) | 0.4(1.45) | 0.4(1.45) | 0.4(1.45) | 0.4(1.45) | 0.4(1.45) | 0.4(1.45) | 0.4(1.45) | 0.4(1.45) | 0.4(1.45) | 0.4(1.45) | 0.4(1.45) |
| | Length | mm | 2,650 | 2,650 | 3,670 | 3,670 | 3,730 | 3,730 | 4,750 | 4,750 | 4,850 | 4,850 | 4,850 | 4,850 |
| | Width | mm | 1,775 | 1,775 | 1,775 | 1,775 | 1,880 | 1,880 | 1,880 | 1,880 | 2,110 | 2,110 | 2,250 | 2,250 |
| | Height | mm | 2,030 | 2,030 | 2,030 | 2,030 | 2,300 | 2,300 | 2,300 | 2,300 | 2,550 | 2,550 | 2,780 | 2,780 |
| Rigging | Operating | ton | 4.2 | 4.4 | 5.5 | 5.7 | 6.8 | 7.1 | 8.4 | 8.8 | 10.8 | 11.2 | 13.2 | 13.6 |
| | Total shipping | ton | 3.8 | 4.0 | 5.0 | 5.1 | 6.1 | 6.3 | 7.5 | 7.8 | 9.6 | 9.9 | 11.6 | 11.9 |
| Fuel | Steam flow rate | kg/h | 440 | 528 | 660 | 792 | 924 | 1,060 | 1,230 | 1,410 | 1,580 | 1,760 | 1,980 | 2,200 |
| | Steam inlet | A(mm) | 50 | 50 | 50 | 50 | 65 | 65 | 65 | 65 | 80 | 80 | 80 | 80 |
| | | B(inch) | 2 | 2 | 2 | 2 | 2 1/2 | 2 1/2 | 2 1/2 | 2 1/2 | 3 | 3 | 3 | 3 |
| | Drain outlet | A(mm) | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 40 | 40 | 40 | 40 |
| | | B(inch) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 1/2 | 1 1/2 | 1 1/2 | 1 1/2 |
| | Steam control valve | A(mm) | 25 | 40 | 40 | 40 | 40 | 40 | 50 | 50 | 50 | 50 | 65 | 65 |
| B(inch) | | 1 | 1 1/2 | 1 1/2 | 1 1/2 | 1 1/2 | 1 1/2 | 2 | 2 | 2 | 2 | 2 1/2 | 2 1/2 | |
| Clearance for tube removal | mm | 2,400 | 2,400 | 3,400 | 3,400 | 3,400 | 3,400 | 4,500 | 4,500 | 4,500 | 4,500 | 4,500 | 4,500 | |

- Note: 1. 1RT = 3,024kcal/h, 1kW = 860kcal/h
 2. Standard water side pressure (chilled & cooling water circuit): 8kgf/cm²G (785kPa)
 3. Standard steam pressure: 8kgf/cm²G (785kPa)
 4. The currents and electricity consumptions are based on 3Ph/380V/50Hz (60Hz).
 5. The power supply wire size is based on the metal conduit and on 40°C ambient temperature.
 6. Due to our policy of innovation some specifications may be changed without notification.
 7. For information other than those in the above table, contact the nearest LG Electronics office.