

3. SPECIFICATIONS

| Type | | | | WALL MOUNTED INVERTER HEAT PUMP | | | | |
|-------------------------|------------------------|--------------|---|--|--|---------------------|-----------|------|
| Model name | | | | AS*G18LFCA | AS*G24LFCA | AS*G30LFCA | | |
| Power source | | | | 230 V~ 50 Hz | | | | |
| Available voltage range | | | | 198-264 V | | | | |
| Capacity | Cooling | Rated | kW | 5.20 | 7.10 | 8.00 | | |
| | | | Btu/h | 17,700 | 24,200 | 27,300 | | |
| | | Min.-Max. | kW | 0.9-6.0 | 0.9-8.0 | 2.9-9.0 | | |
| | Btu/h | | 3,100-20,500 | 3,100-27,300 | 9,900-30,700 | | | |
| | Heating | Rated | kW | 6.30 | 8.00 | 8.80 | | |
| | | | Btu/h | 21,500 | 27,300 | 30,000 | | |
| Min.-Max. | | kW | 0.9-9.1 | 0.9-10.6 | 2.2-11.0 | | | |
| | Btu/h | 3,100-31,000 | 3,100-36,200 | 7,500-37,600 | | | | |
| Input power | Cooling | Rated | kW | 1.52 | 2.20 | 2.49 | | |
| | | | | Min.-Max. | 0.09-2.07 | 0.30-3.07 | 0.58-3.87 | |
| | Heating | Rated | | 2.21 | 2.21 | 2.44 | | |
| | | | | Min.-Max. | 0.09-2.87 | 0.28-4.21 | 0.50-4.33 | |
| Current | Cooling | Rated | A | 6.8 | 9.7 | 10.9 | | |
| | | | | Max.* | 9.0 | 13.5 | 17.0 | |
| | Heating | Rated | | 7.6 | 9.7 | 10.7 | | |
| | | | | Max.* | 12.5 | 18.5 | 19.0 | |
| EER | Cooling | | kW/kW | 3.42 | 3.23 | 3.21 | | |
| COP | Heating | | kW/kW | 3.68 | 3.61 | 3.61 | | |
| SENSIBLE CAPACITY | | | | Cooling | kW | 3.45 | 5.25 | 6.00 |
| POWER FACTOR | | | | Cooling | % | 97 | 99 | 99 |
| | | | | Heating | % | 98 | 99 | 99 |
| Moisture removal | | | | l/h (pints/h) | 2.6 (4.6) | 2.7 (4.8) | 3.2 (5.6) | |
| Fan | Airflow rate | Cooling | High | m ³ /h | 900 | 1100 | 1100 | |
| | | | Med | | 740 | 900 | 900 | |
| | | | Low | | 620 | 740 | 740 | |
| | | | Quiet | | 550 | 580 | 620 | |
| | | Heating | High | | 900 | 1120 | 1150 | |
| | | | Med | | 740 | 900 | 900 | |
| | | | Low | | 620 | 740 | 740 | |
| | | | Quiet | | 550 | 580 | 620 | |
| | Type x Q'ty | | | | Cross flow fan x 1 | | | |
| | Motor output | | | | W | 42 | 42 | 42 |
| Sound pressure level | Cooling | High | dB(A) | 43 | 47 | 48 | | |
| | | | | Med | 37 | 42 | 42 | |
| | | | | Low | 33 | 37 | 37 | |
| | | | | Quiet | 26 | 32 | 33 | |
| | Heating | High | | 42 | 48 | 49 | | |
| | | | | Med | 37 | 42 | 42 | |
| | | | | Low | 33 | 37 | 37 | |
| | | | | Quiet | 25 | 32 | 33 | |
| Heat exchanger type | Dimensions (H x W x D) | | mm | Main:378 x 832 x 26.6 Sub:84 x 832 x 13.3 | Main : 378 x 832 x 26.6 Sub1 : 84 x 832 x 13.3, Sub2 : 84 x 832 x 13.3 | | | |
| | Fin pitch | | | Main:1.2, Sub:1.4 | Main : 1.2, Sub1 : 1.4, Sub2 : 1.4 | | | |
| | Rows x Stages | | | Main:2 x 18, Sub:1 x 4 | Main : 2 x 18, Sub1 : 1 x 4, Sub2 : 1 x 4 | | | |
| | Pipe type | | | Copper | | | | |
| | Fin type | | | Aluminium | | | | |
| Enclosure | Material | | Polystyrene | | | | | |
| | Colour | | White Approximate colour of MUNSELL N9.25/ | | | | | |
| Dimensions (HxWxD) | Net | | mm | 320 x 998 x 238 | | | | |
| | Gross | | | 329 x 1090 x 420 | | | | |
| Weight | Net | | kg | 14 | | | | |
| | Gross | | | 18 | | | | |
| Connection pipe | Size | Liquid | mm | Ø 6.35 (Ø 1/4 in.) | Ø 6.35 (Ø 1/4 in.) | Ø 9.52 (Ø 3/8 in.) | | |
| | | Gas | | Ø 12.7 (Ø 1/2 in.) | Ø 15.88 (Ø 5/8 in.) | Ø 15.88 (Ø 5/8 in.) | | |
| | Method | | | Flare | | | | |
| Operation range | Cooling | °C | 18 to 32 | | | | | |
| | | %RH | 80 or less | | | | | |
| | Heating | °C | 30 or less | | | | | |
| Remote controller type | | | | Wireless | | | | |
| Drain pipe | Material | | PVC | | | | | |
| | Size | | mm Outer diameter : 28 / Inner diameter : 16 | | | | | |

NOTES:

- Specifications are based on the following conditions:
Cooling : Indoor temperature of 27 °CDB/19 °CWB and outdoor temperature of 35 °CDB/24 °CWB
Heating : Indoor temperature of 20 °CDB/15 °CWB and outdoor temperature of 7 °CDB/6 °CWB
Pipe length : 5/7.5 m (*1), Height difference : 0 m (Outdoor unit-Indoor unit)
- The maximum current is the maximum value when operated within the operation range (temperature).
- * The maximum current is the total current of indoor unit and outdoor unit.
- *1 18LFCA:5 m, 24/30LFCA: 7.5 m