

BSAH Indoor Unit Specifications

Air Conditioning

2. Specifications

| | | | | | |
|---|------------------------------|-------------------|--|-------------------|------------------|
| Model | | | BSAH-76CR | BSAH-96CR | |
| Code | | | 220070900100 | 220070900060 | |
| Power supply | | V- ph-Hz | 220-240~1~50 | | |
| Cooling | Capacity | Btu/h | 76000 | 96000 | |
| | Input | W | 8100 | 10000 | |
| | Rated current | A | 14.7 | 16.5 | |
| Indoor fan motor | Model | | YDK550-4X(×2) | YDK550-4X(×2) | |
| | Type | | AC motor | AC motor | |
| | Brand | | Yongan | Yongan | |
| | Input | W | 900/820/630(×2) | 900/820/630(×2) | |
| | Capacitor | uF | 15(×2) | 15(×2) | |
| | Speed (hi/mid/lo) | r/min | 1300/1100/900(×2) | 1300/1100/900(×2) | |
| Indoor coil | Number of rows | | 4 | 4 | |
| | Tube pitch(a)x row pitch(b) | mm | 25.4x22 | 25.4x22 | |
| | Fin spacing | mm | 1.7 | 1.7 | |
| | Fin type | | hydrophilic actuate fin alum inurn foil | | |
| | Tube outside dia. and type | mm | | Φ9.53 | Φ9.53 |
| | | | | innergroove tube | innergroove tube |
| | Coil length x height x width | mm | 1202×406×88 | 1202×406×88 | |
| | Number of circuits | | 8 | 8 | |
| Indoor air flow (H/M/L) | | m ³ /h | 4500/3810/3200 | 4500/3810/3200 | |
| Indoor external static pressure (Hi) | | Pa | 196 | 196 | |
| Indoor noise level (Hi/Mid/Lo) (Pressure sound) | | dB(A) | 48/46/44 | 48/46/44 | |
| Indoor unit | Dimension (WxHxD) | mm | 1350×760×450 | 1350×760×450 | |
| | Packing (WxHxD) | mm | 1549x917x476 | 1549x917x476 | |
| | Net/Gross weight | kg | 105/120 | 105/120 | |
| Refrigerant type | | | R22 | R22 | |
| Throttle | | | Capillary | | |
| Design pressure | | MPa | 2.6/1.0 | 2.6/1.0 | |
| Refrigerant piping | Liquid side/ Gas side | mm(inch) | Φ9.53/Φ19 | Φ9.53/Φ19 | |
| | Max. refrigerant pipe length | m | 30 | 30 | |
| | Max. difference in level | m | 20 | 20 | |
| Connecting wiring | Power wiring | mm ² | 3×2.5 | 3×2.5 | |
| | Signal wiring | mm ² | 3×1.0 | 3×1.0 | |
| Drainage water pipe dia. | | mm | Φ32 | Φ32 | |
| Controller | | | Wireless remote controller (R51/CE) (standard) | | |
| Operation temp | | °C | 17~30 | 17~30 | |
| Application area | | m ² | 80~120 | 100~150 | |

Notes:

1. Nominal cooling capacities are based on the following conditions:

Indoor temp: 27°CDB, 19°CWB; Outdoor temp: 35°CDB; Equivalent ref. piping: 7.5m (horizontal)

| Model | | | BSAH-76HR | BSAH-96HR | |
|---|------------------------------|-------------------|---|--------------------|------------------|
| Code | | | 220070900090 | 220070900050 | |
| Power supply | | V- ph-Hz | 220-240~1~50 | | |
| Cooling | Capacity | Btu/h | 76000 | 96000 | |
| | Input | W | 8100 | 10200 | |
| | Rated current | A | 14.7 | 16.7 | |
| Heating | Capacity | Btu/h | 83600 | 105600 | |
| | Input | W | 8000 | 9800 | |
| | Rated current | A | 14.5 | 16.3 | |
| Indoor fan motor | Model | | YDK550-4X (×2) | YDK550-4X (×2) | |
| | Type | | AC motor | AC motor | |
| | Brand | | Yongan | Yongan | |
| | Input | W | 900/820/630 (×2) | 900/820/630 (×2) | |
| | Capacitor | uF | 15 (×2) | 15 (×2) | |
| | Speed (hi/mid/lo) | r/min | 1300/1100/900 (×2) | 1300/1100/900 (×2) | |
| Indoor coil | Number of rows | | 4 | 4 | |
| | Tube pitch(a)x row pitch(b) | mm | 25.4x22 | 25.4x22 | |
| | Fin spacing | mm | 1.7 | 1.7 | |
| | Fin type | | hydrophilic actuate fin alum inurn foil | | |
| | Tube outside dia. and type | mm | | Φ9.53 | Φ9.53 |
| | | | | innergroove tube | innergroove tube |
| | Coil length x height x width | mm | 1202×406×88 | 1202×406×88 | |
| | Number of circuits | | 8 | 8 | |
| Indoor air flow (H/M/L) | | m ³ /h | 4500/3810/3200 | 4500/3810/3200 | |
| Indoor external static pressure (Hi) | | Pa | 196 | 196 | |
| Indoor noise level (Hi/Mid/Lo) (Pressure sound) | | dB(A) | 48/46/44 | 48/46/44 | |
| Indoor unit | Dimension (WxHxD) | mm | 1350×760×450 | 1350×760×450 | |
| | Packing (WxHxD) | mm | 1549x917x476 | 1549x917x476 | |
| | Net/Gross weight | kg | 105/120 | 105/120 | |
| Refrigerant type | | | R22 | R22 | |
| Throttle | | | Capillary | | |
| Design pressure | | MPa | 2.6/1.0 | 2.6/1.0 | |
| Refrigerant piping | Liquid side/ Gas side | mm(inch) | Φ9.53/Φ19 | Φ9.53/Φ19 | |
| | Max. refrigerant pipe length | m | 30 | 30 | |
| | Max. difference in level | m | 20 | 20 | |
| Connecting wiring | Power wiring | mm ² | 3×2.5 | 3×2.5 | |
| | Signal wiring | mm ² | 4×1.0 | 4×1.0 | |
| Drainage water pipe dia. | | mm | Φ32 | Φ32 | |
| Controller | | | Wireless remote controller (R51/E) (standard) | | |
| Operation temp | | °C | 17~30 | 17~30 | |
| Application area | | m ² | 80~120 | 100~150 | |

Notes: 1. Nominal cooling capacities are based on the following conditions:

Indoor temp: 27°CDB, 19°CWB; Outdoor temp: 35°CDB; Equivalent ref. piping: 7.5m (horizontal)

2. Nominal heating capacities are based on the following conditions:

Indoor temp: 20°CDB; Outdoor temp: 7°CDB, 6°CWB; Equivalent ref. piping: 7.5m (horizontal)

| | | | |
|--------------------------------------|------------------------------|--|--------------------|
| Model | | BSAH-150HR | |
| Code | | 220070900040 | |
| Power supply | | V- ph-Hz | 220-240-1-50 |
| Cooling | Capacity | Btu/h | 150000 |
| | Input | W | 16000 |
| | Rated current | A | 30 |
| Heating | Capacity | Btu/h | 165000 |
| | Input | W | 17000 |
| | Rated current | A | 32 |
| Indoor fan motor | Model | YDK550-4X (×3) | |
| | Type | AC Motor | |
| | Input | W | 900/820/630 (×3) |
| | Capacitor | uF | 15uF/370-450V (×3) |
| | Speed (hi/mid/lo) | r/min | 1300/1100/900 (×3) |
| Indoor coil | Number of rows | 2 | |
| | Tube pitch(a)x row pitch(b) | mm | 21×13.37 |
| | Fin spacing | mm | 1.5 |
| | Fin type | Hydrophilic aluminium | |
| | Tube outside dia. and type | mm | 7/Innergroove tube |
| | Coil length x height x width | mm | 1602×609×53.48 |
| | Number of circuits | 22 | |
| Indoor air flow (H/L) | | m ³ /h | 8000/5500 |
| Indoor external static pressure (Hi) | | Pa | 196 |
| Indoor noise level (H/L) | | dB(A) | 45/41 |
| Indoor unit | Dimension (W×H×D) | mm | 1916×668×903 |
| | Packing (W×H×D) | mm | 2095X689X929 |
| | Net/Gross weight | kg | 188/220 |
| Refrigerant type | | R22 | |
| Throttle type | | Capillary | |
| Design pressure | | MPa | 2.6/1.0 |
| Refrigerant piping | Liquid side/ Gas side | mm(inch) | Φ16/Φ35 |
| Connecting wiring | Power wiring | mm ² | 3×2.5 |
| | Signal wiring | mm ² | 4×1.0 |
| Drainage water pipe dia. | | mm | Φ32 |
| Controller | | Wireless remote controller (R51/E) (standard) | |
| Operation temp | | °C | 17~30 |
| Application area | | m ² | 180~240 |

Notes: 1. Nominal cooling capacities are based on the following conditions:

Indoor temp: 27°CDB, 19°CWB; Outdoor temp: 35°CDB; Equivalent ref. piping: 7.5m (horizontal)

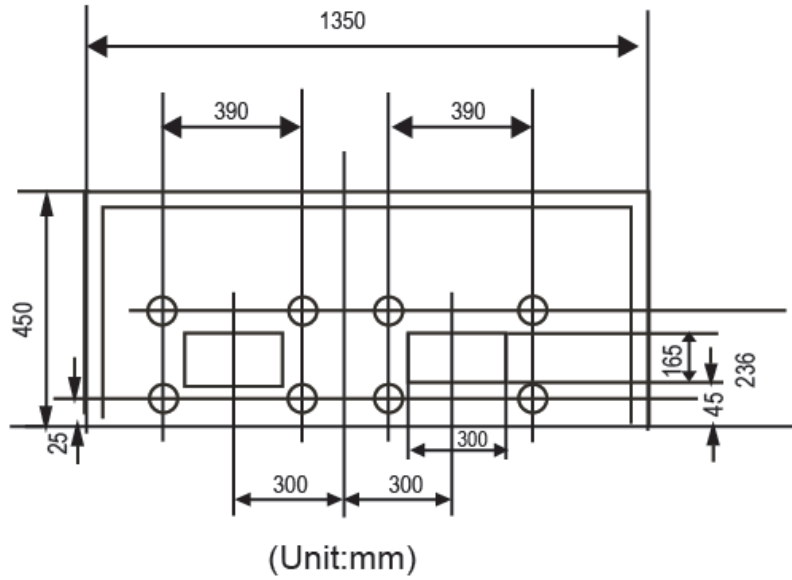
2. Nominal heating capacities are based on the following conditions:

Indoor temp: 20°CDB; Outdoor temp: 7°CDB, 6°CWB; Equivalent ref. piping: 7.5m (horizontal)

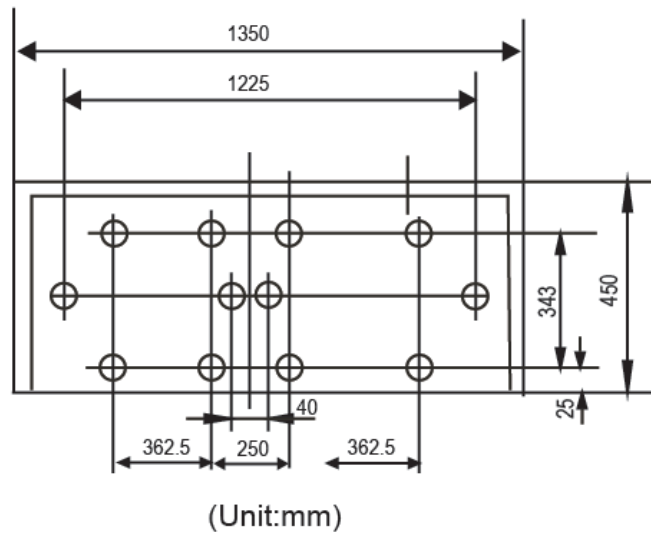
3. Dimensions

3.1 BSAH-76CR BSAH-96CR BSAH-76HR BSAH-96HR

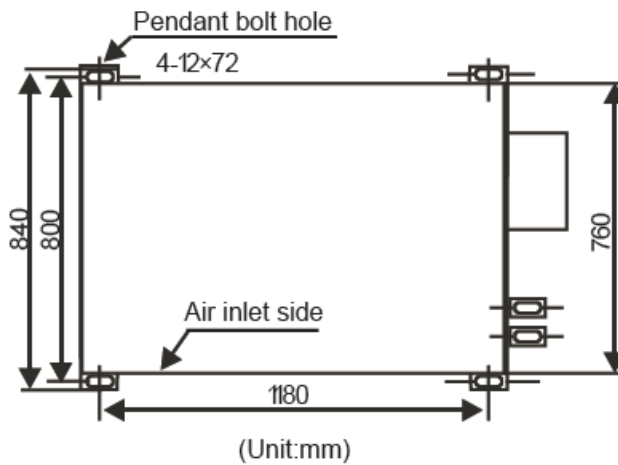
Air outlet duct connection screw hole location diagram:



Return air duct rivet screw hole location diagram:

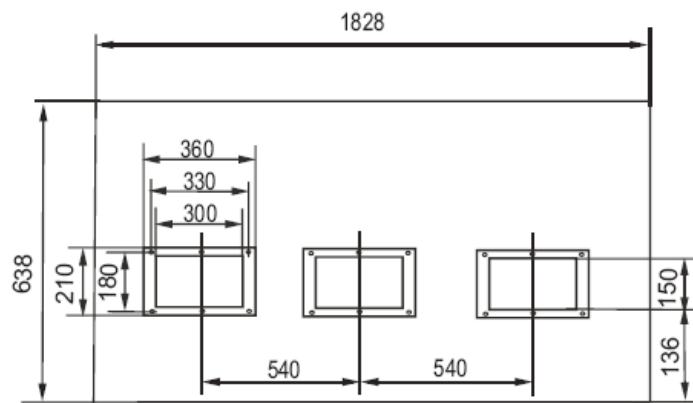


Install $\Phi 10$ pendant bolts or ground bolts:

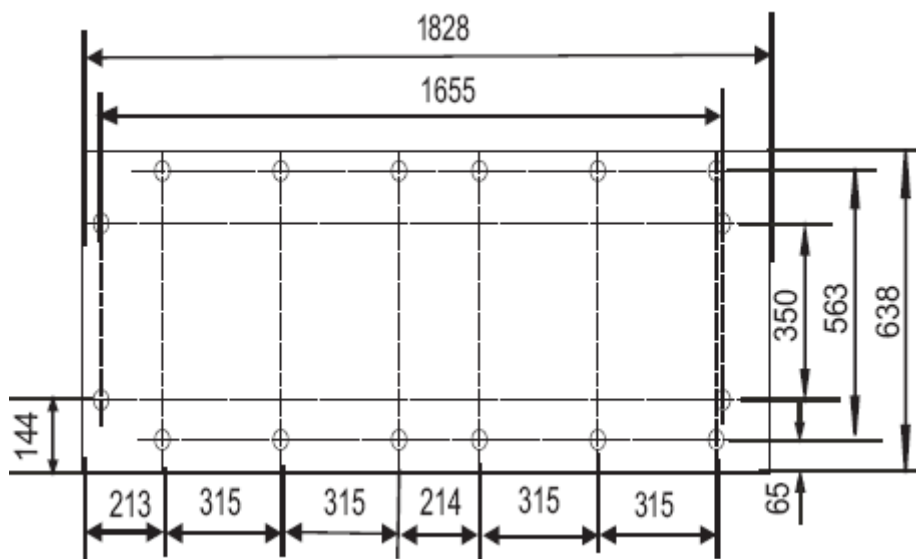


3.2 BSAH-150HR

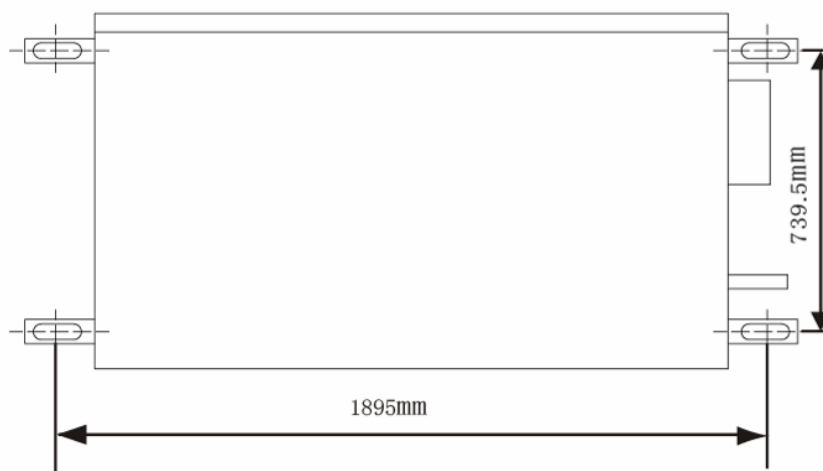
Air outlet duct connection screw hole location diagram:



Return air duct rivet screw hole location diagram:

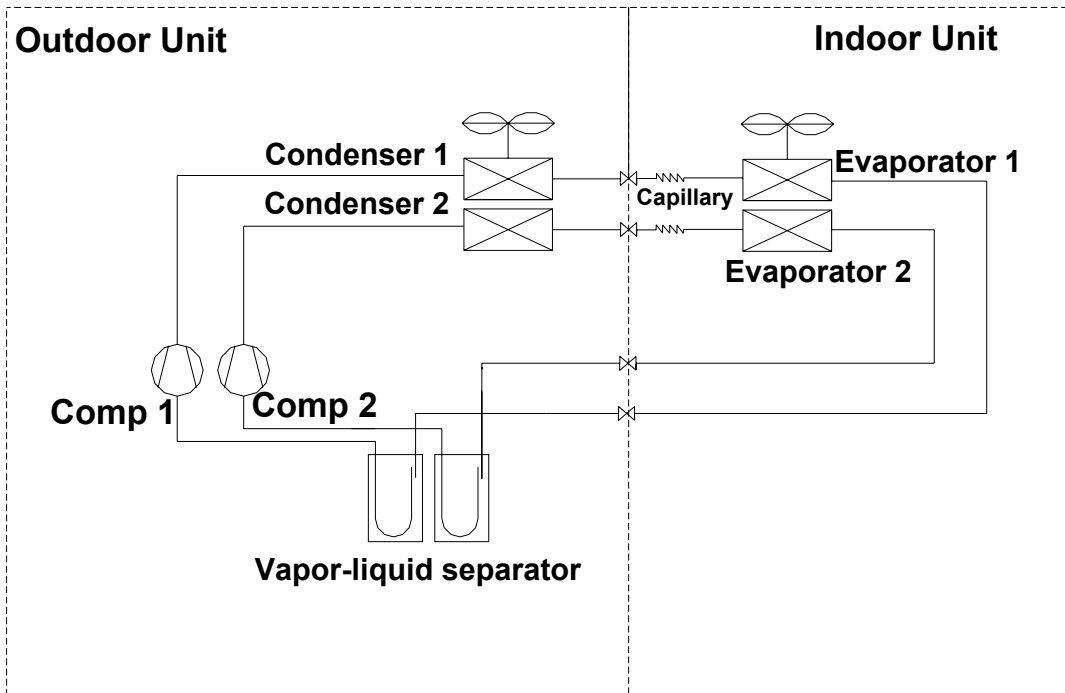


Install $\Phi 10$ pendant bolts or ground bolts:

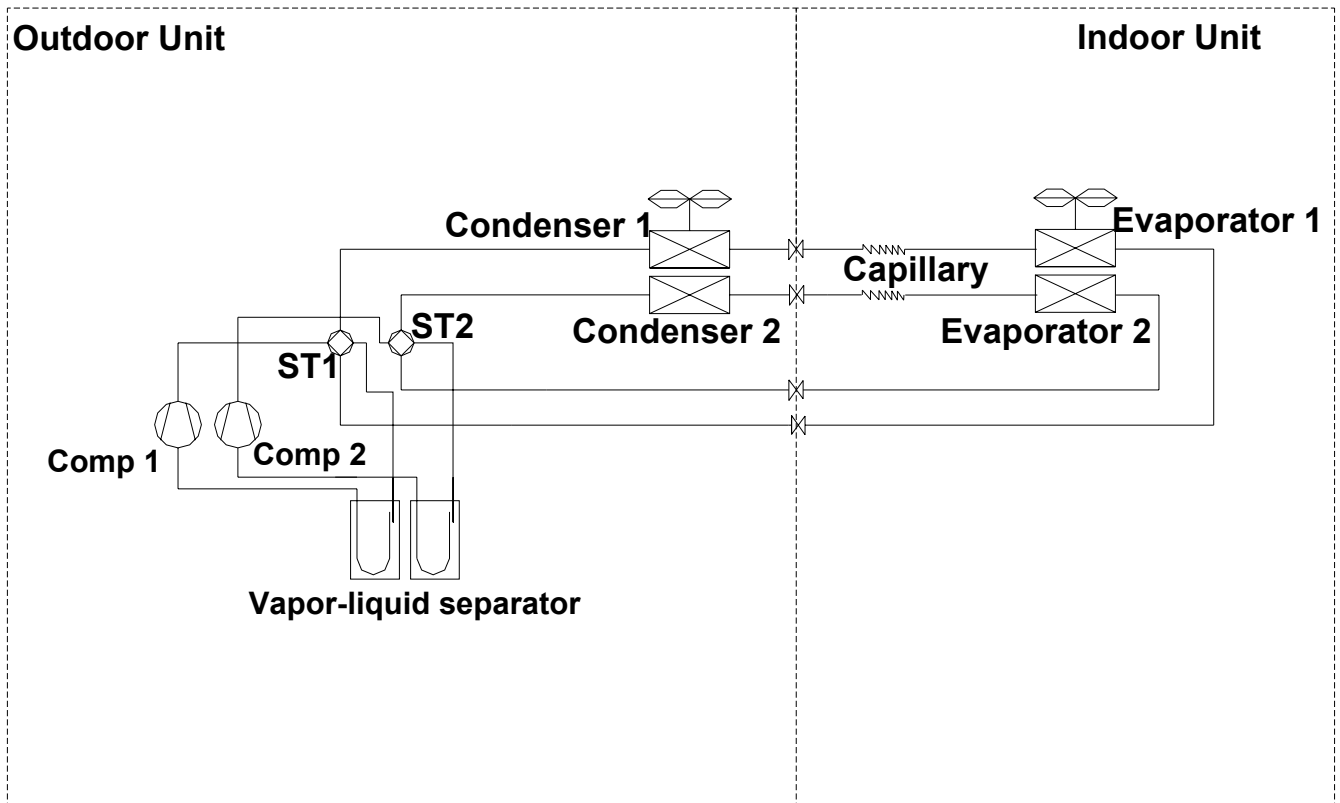


5. Piping Diagrams

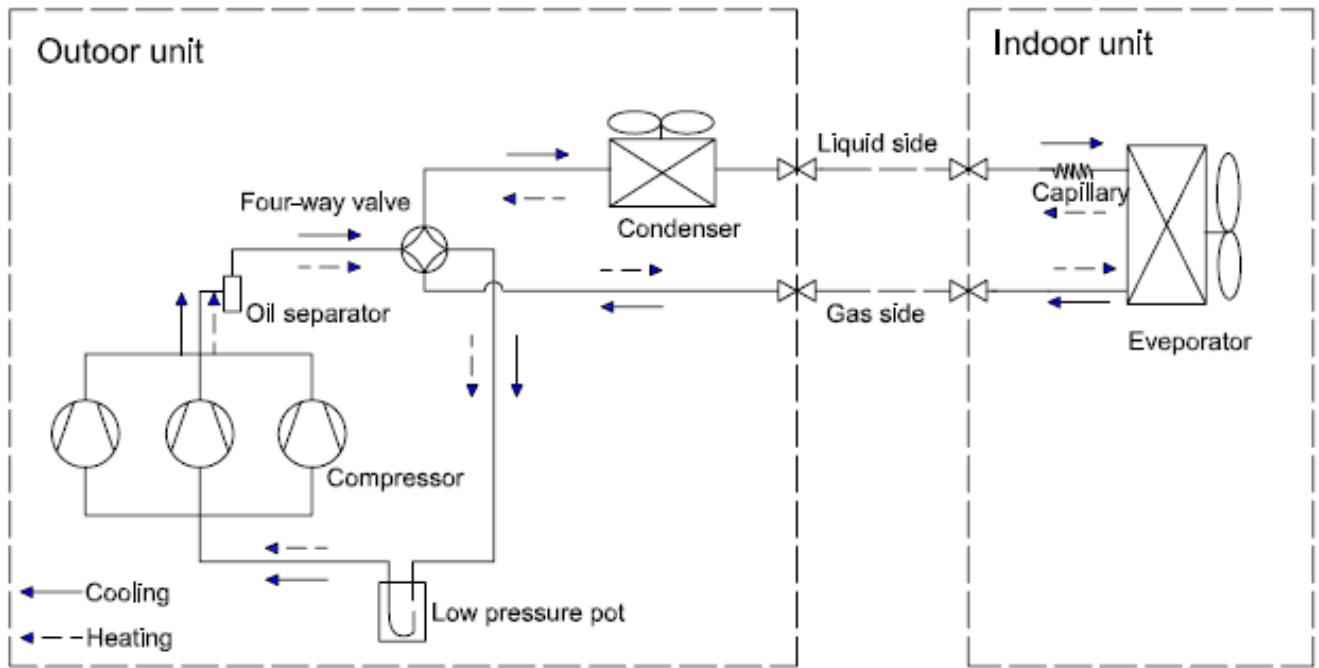
5.1 BSAH-76CR BSAH-96CR



5.2 BSAH-76R BSAH-96R



5.3 BSAH-150HR

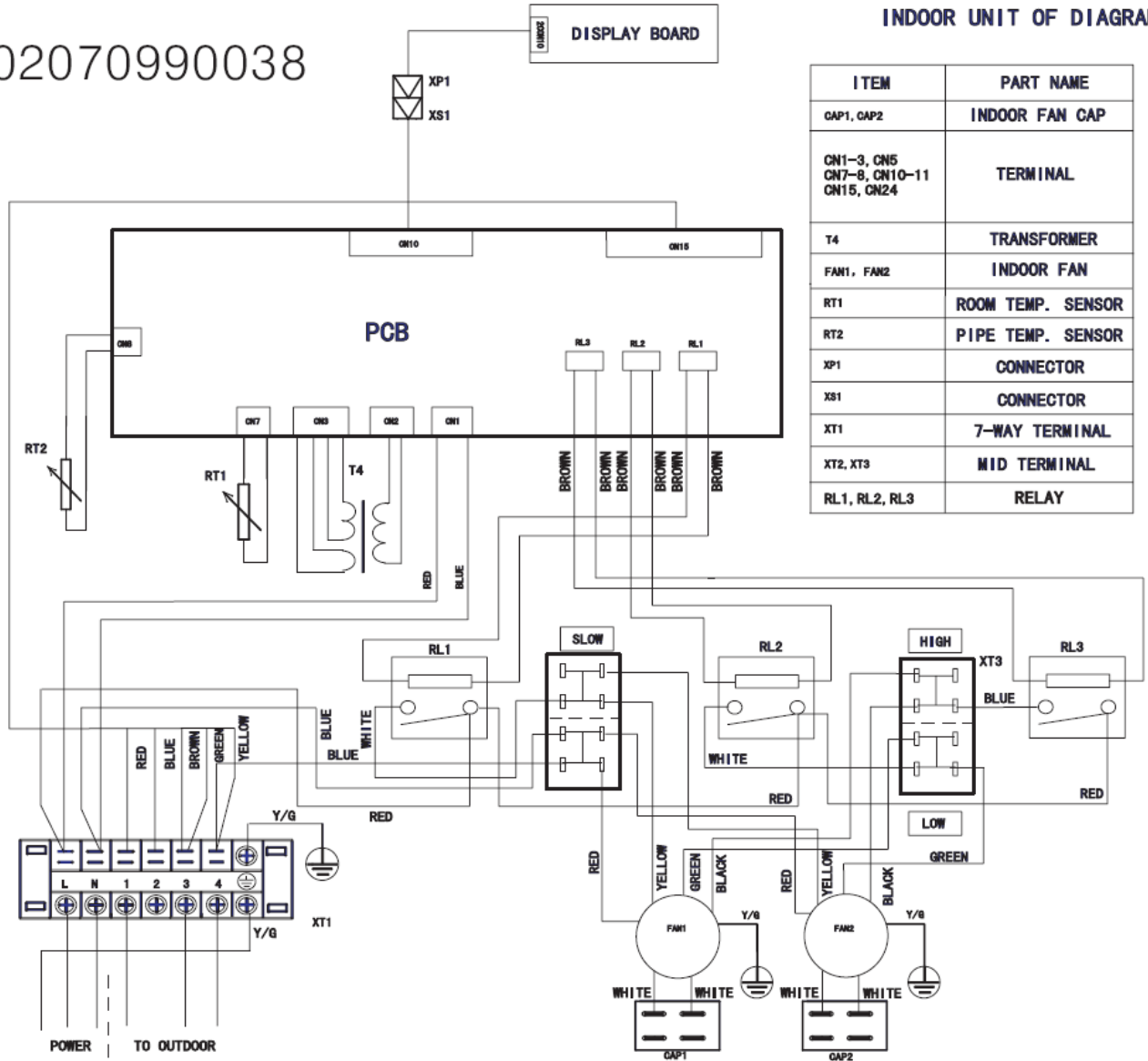


6. Wiring Diagrams

6.1 BSAH-76CR BSAH-96CR

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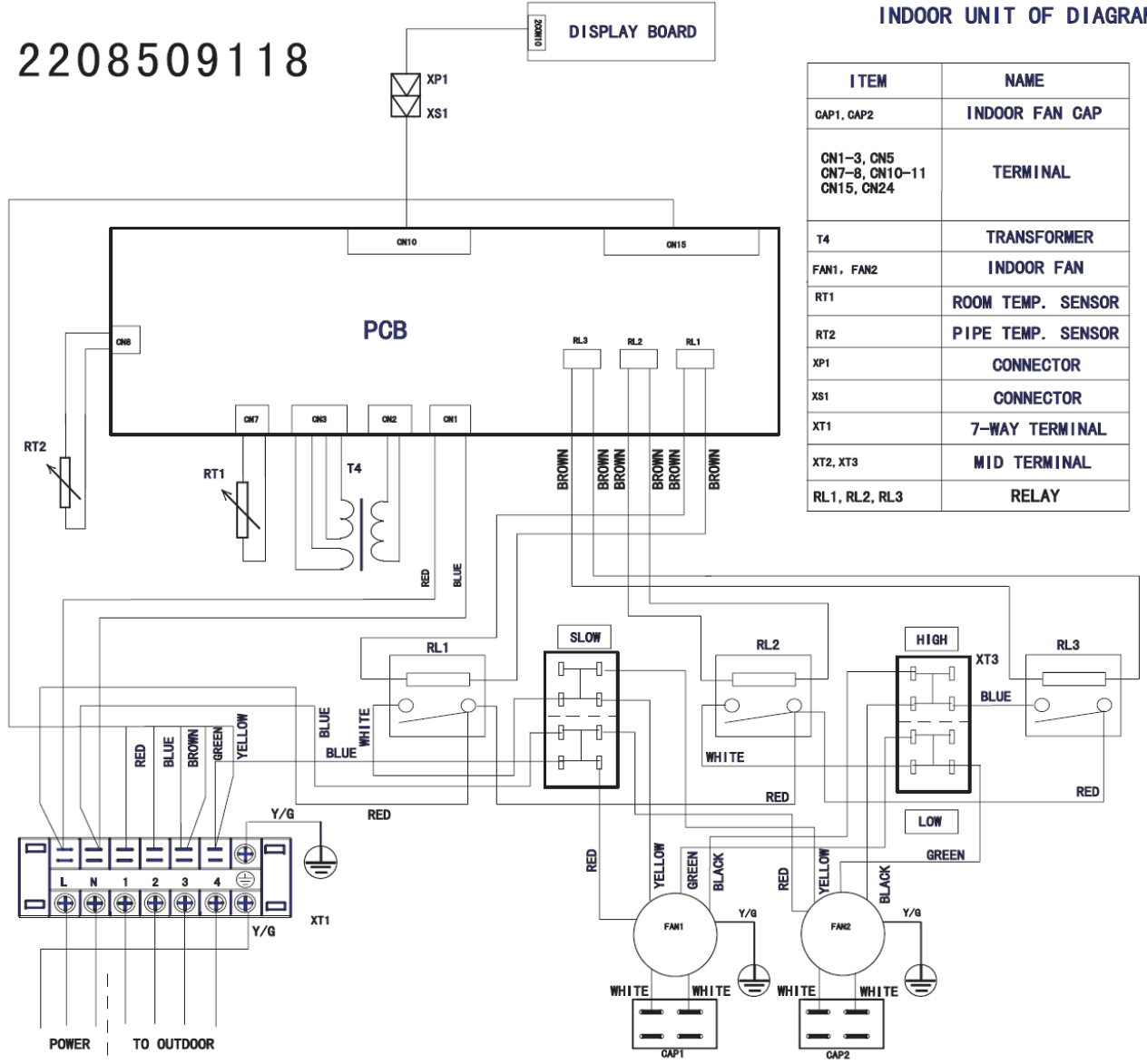
INDOOR UNIT OF DIAGRAM



6.2 BSAH-76R BSAH-96R

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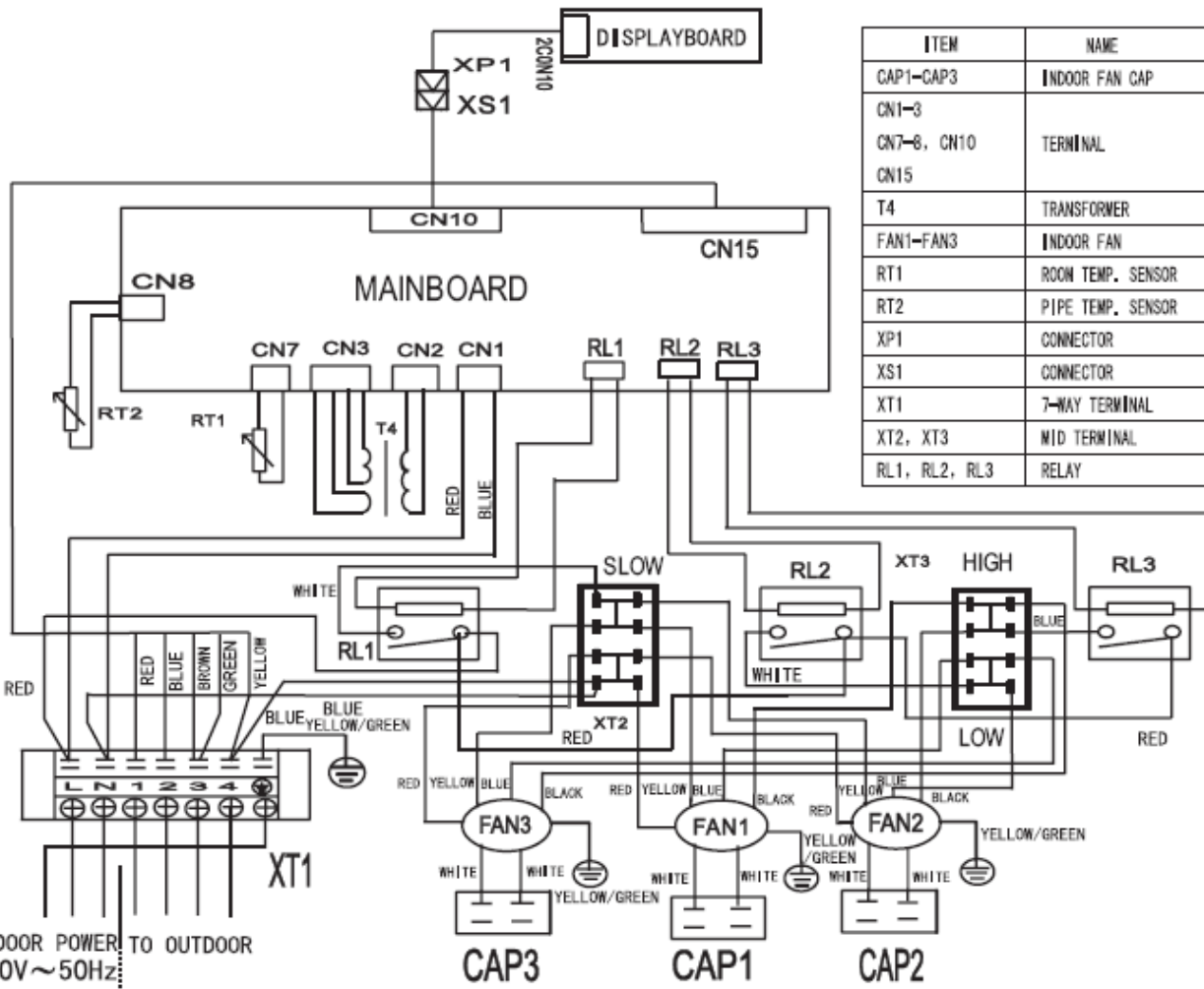
INDOOR UNIT OF DIAGRAM



6.3 BSAH-150HR

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INDOOR UNIT WIRING DIAGRAM



7. Capacity Tables

7.1 Cooling:

BSAH-76CR BSAH-76HR

High speed at 4500 m³/h

| Indoor air entering Temp | | Outdoor air entering Temp(DB) | | | | | | |
|--------------------------------|---------|-------------------------------|------------|------------|-------------|-------------|-------------|------------|
| | | 70 °F/21°C | 82 °F/28°C | 95 °F/35°C | 109 °F/43°C | 115 °F/46°C | 126 °F/52°C | 129°F/54°C |
| 70 0F/21°C DB 59 0F/15°C WB | Tcc(kW) | 22.94 | 21.82 | 20.71 | 19.82 | 19.15 | 18.04 | 16.70 |
| | Scs(kW) | 16.97 | 16.80 | 16.57 | 16.65 | 16.28 | 15.87 | 15.03 |
| | PW(kW) | 6.72 | 7.29 | 7.61 | 7.86 | 8.18 | 8.75 | 9.15 |
| 75 0F/24°C DB 63 0F/17°C WB | Tcc(kW) | 23.61 | 22.49 | 21.38 | 20.04 | 19.60 | 18.48 | 17.37 |
| | Scs(kW) | 17.70 | 17.54 | 17.32 | 16.84 | 16.66 | 16.27 | 15.63 |
| | PW(kW) | 7.13 | 7.61 | 7.94 | 8.34 | 8.67 | 9.15 | 9.56 |
| 80 0F/27°C DB 66 0F/19°C WB | Tcc(kW) | 24.05 | 22.94 | 22.27 | 20.71 | 20.27 | 19.15 | 18.04 |
| | Scs(kW) | 17.80 | 17.66 | 17.37 | 16.98 | 16.82 | 16.47 | 15.69 |
| | PW(kW) | 7.29 | 7.70 | 8.10 | 8.51 | 8.83 | 9.07 | 9.72 |
| 84 0F/29°C DB 66 0F/19°C WB | Tcc(kW) | 24.27 | 23.16 | 22.72 | 20.93 | 20.38 | 19.37 | 18.26 |
| | Scs(kW) | 20.39 | 19.69 | 19.54 | 19.05 | 19.15 | 18.60 | 17.71 |
| | PW(kW) | 7.45 | 7.86 | 8.18 | 8.67 | 9.15 | 9.56 | 9.96 |
| 90 0F/32°C DB 73 0F/23°C WB | Tcc(kW) | 24.50 | 23.61 | 23.16 | 21.38 | 20.71 | 20.04 | 18.71 |
| | Scs(kW) | 20.82 | 20.54 | 20.38 | 19.88 | 19.88 | 19.44 | 18.52 |
| | PW(kW) | 7.61 | 7.94 | 8.51 | 8.83 | 9.32 | 9.96 | 10.21 |

Medium speed at 3810 m³/h

| Indoor air entering Temp | | Outdoor air entering Temp(DB) | | | | | | |
|--------------------------------|---------|-------------------------------|------------|------------|-------------|-------------|-------------|------------|
| | | 70 0F/21°C | 82 0F/28°C | 95 0F/35°C | 109 0F/43°C | 115 0F/46°C | 126 0F/52°C | 1290F/54°C |
| 70 0F/21°C DB 59 0F/15°C WB | Tcc(kW) | 22.01 | 20.94 | 19.87 | 19.02 | 18.38 | 17.31 | 16.03 |
| | Scs(kW) | 16.29 | 16.13 | 15.90 | 15.98 | 15.62 | 15.23 | 14.42 |
| | PW(kW) | 6.46 | 7.00 | 7.31 | 7.55 | 7.86 | 8.40 | 8.79 |
| 75 0F/24°C DB 63 0F/17°C WB | Tcc(kW) | 22.65 | 21.58 | 20.52 | 19.23 | 18.81 | 17.74 | 16.67 |
| | Scs(kW) | 16.99 | 16.84 | 16.62 | 16.16 | 15.98 | 15.61 | 15.00 |
| | PW(kW) | 6.85 | 7.31 | 7.62 | 8.01 | 8.32 | 8.79 | 9.18 |
| 80 0F/27°C DB 66 0F/19°C WB | Tcc(kW) | 23.08 | 22.01 | 21.37 | 19.87 | 19.45 | 18.38 | 17.31 |
| | Scs(kW) | 17.08 | 16.95 | 16.67 | 16.30 | 16.14 | 15.81 | 15.06 |
| | PW(kW) | 7.00 | 7.39 | 7.78 | 8.17 | 8.48 | 8.71 | 9.34 |
| 84 0F/29°C DB 66 0F/19°C WB | Tcc(kW) | 23.29 | 22.22 | 21.80 | 20.09 | 19.55 | 18.59 | 17.52 |
| | Scs(kW) | 19.57 | 18.89 | 18.75 | 18.28 | 18.38 | 17.85 | 17.00 |
| | PW(kW) | 7.16 | 7.55 | 7.86 | 8.32 | 8.79 | 9.18 | 9.57 |
| 90 0F/32°C DB 73 0F/23°C WB | Tcc(kW) | 23.51 | 22.65 | 22.22 | 20.52 | 19.87 | 19.23 | 17.95 |
| | Scs(kW) | 19.98 | 19.71 | 19.56 | 19.08 | 19.08 | 18.66 | 17.77 |
| | PW(kW) | 7.31 | 7.62 | 8.17 | 8.48 | 8.95 | 9.57 | 9.80 |

Low speed at 3200 m³/h

| Indoor air entering Temp | | Outdoor air entering Temp(DB) | | | | | | |
|--------------------------------|---------|-------------------------------|------------|--------------|-------------|-------------|-------------|------------|
| | | 70 °F/21°C | 82 °F/28°C | 95 °F/35°C | 109 °F/43°C | 115 °F/46°C | 126 °F/52°C | 129°F/54°C |
| 70 °F/21°C DB 59 °F/15°C WB | Tcc(kW) | 21.14 | 20.11 | 19.08 | 18.26 | 17.65 | 16.62 | 15.39 |
| | Scs(kW) | 15.64 | 15.48 | 15.27 | 15.34 | 15.00 | 14.63 | 13.85 |
| | PW(kW) | 6.19 | 6.71 | 7.01 | 7.24 | 7.53 | 8.06 | 8.43 |
| 75 °F/24°C DB 63 °F/17°C WB | Tcc(kW) | 21.75 | 20.73 | 19.70 | 18.47 | 18.06 | 17.03 | 16.01 |
| | Scs(kW) | 16.31 | 16.17 | 15.96 | 15.51 | 15.35 | 14.99 | 14.41 |
| | PW(kW) | 6.56 | 7.01 | 7.31 | 7.68 | 7.98 | 8.43 | 8.80 |
| 80 °F/27°C DB 66 °F/19°C WB | Tcc(kW) | 22.16 | 21.14 | 20.52 | 19.08 | 18.67 | 17.65 | 16.62 |
| | Scs(kW) | 16.40 | 16.27 | 16.01 | 15.65 | 15.50 | 15.18 | 14.46 |
| | PW(kW) | 6.71 | 7.09 | 7.46 | 7.83 | 8.13 | 8.36 | 8.95 |
| 84 °F/29°C DB 66 °F/19°C WB | Tcc(kW) | 22.37 | 21.34 | 20.93 | 19.29 | 18.78 | 17.85 | 16.83 |
| | Scs(kW) | 18.79 | 18.14 | 18.00 | 17.55 | 17.65 | 17.14 | 16.32 |
| | PW(kW) | 6.86 | 7.24 | 7.53 | 7.98 | 8.43 | 8.80 | 9.18 |
| 90 °F/32°C DB 73 °F/23°C WB | Tcc(kW) | 22.57 | 21.75 | 21.34 | 19.70 | 19.08 | 18.47 | 17.24 |
| | Scs(kW) | 19.19 | 18.92 | 18.78 | 18.32 | 18.32 | 17.91 | 17.06 |
| | PW(kW) | 7.01 | 7.31 | 7.83 | 8.13 | 8.58 | 9.18 | 9.40 |

BSAH-96CR

High speed at 4500 m³/h

| Indoor air entering Temp | | Outdoor air entering Temp(DB) | | | | | | |
|--------------------------------|---------|-------------------------------|------------|--------------|-------------|-------------|-------------|-------------|
| | | 70 °F/21°C | 82 °F/28°C | 95 °F/35°C | 109 °F/43°C | 115 °F/46°C | 126 °F/52°C | 129 °F/54°C |
| 70 °F/21°C DB 59 °F/15°C WB | Tcc(kW) | 28.98 | 27.58 | 26.17 | 25.04 | 24.20 | 22.79 | 21.11 |
| | Scs(kW) | 21.45 | 21.23 | 20.94 | 21.04 | 20.57 | 20.06 | 18.99 |
| | PW(kW) | 8.30 | 9.00 | 9.40 | 9.70 | 10.10 | 10.80 | 11.30 |
| 75 °F/24°C DB 63 °F/17°C WB | Tcc(kW) | 29.83 | 28.42 | 27.01 | 25.33 | 24.76 | 23.36 | 21.95 |
| | Scs(kW) | 22.37 | 22.17 | 21.88 | 21.27 | 21.05 | 20.55 | 19.75 |
| | PW(kW) | 8.80 | 9.40 | 9.80 | 10.30 | 10.70 | 11.30 | 11.80 |
| 80 °F/27°C DB 66 °F/19°C WB | Tcc(kW) | 30.39 | 28.98 | 28.14 | 26.17 | 25.61 | 24.20 | 22.79 |
| | Scs(kW) | 22.49 | 22.32 | 21.95 | 21.46 | 21.25 | 20.81 | 19.83 |
| | PW(kW) | 9.00 | 9.50 | 10.00 | 10.50 | 10.90 | 11.20 | 12.00 |
| 84 °F/29°C DB 66 °F/19°C WB | Tcc(kW) | 30.67 | 29.27 | 28.70 | 26.45 | 25.75 | 24.48 | 23.07 |
| | Scs(kW) | 25.76 | 24.88 | 24.68 | 24.07 | 24.20 | 23.50 | 22.38 |
| | PW(kW) | 9.20 | 9.70 | 10.10 | 10.70 | 11.30 | 11.80 | 12.30 |
| 90 °F/32°C DB 73 °F/23°C WB | Tcc(kW) | 30.95 | 29.83 | 29.27 | 27.01 | 26.17 | 25.33 | 23.64 |
| | Scs(kW) | 26.31 | 25.95 | 25.75 | 25.12 | 25.12 | 24.57 | 23.40 |
| | PW(kW) | 9.40 | 9.80 | 10.50 | 10.90 | 11.50 | 12.30 | 12.60 |

Medium speed at 3810 m³/h

| Indoor air entering Temp | | Outdoor air entering Temp(DB) | | | | | | |
|--------------------------------|---------|-------------------------------|------------|--------------|-------------|-------------|-------------|-------------|
| | | 70 °F/21°C | 82 °F/28°C | 95 °F/35°C | 109 °F/43°C | 115 °F/46°C | 126 °F/52°C | 129 °F/54°C |
| 70 °F/21°C DB 59 °F/15°C WB | Tcc(kW) | 27.83 | 26.48 | 25.13 | 24.05 | 23.24 | 21.89 | 20.27 |
| | Scs(kW) | 20.59 | 20.39 | 20.10 | 20.20 | 19.75 | 19.26 | 18.24 |
| | PW(kW) | 7.97 | 8.64 | 9.02 | 9.31 | 9.70 | 10.37 | 10.85 |
| 75 °F/24°C DB 63 °F/17°C WB | Tcc(kW) | 28.64 | 27.29 | 25.94 | 24.32 | 23.78 | 22.43 | 21.08 |
| | Scs(kW) | 21.48 | 21.29 | 21.01 | 20.43 | 20.21 | 19.74 | 18.97 |
| | PW(kW) | 8.45 | 9.02 | 9.41 | 9.89 | 10.27 | 10.85 | 11.33 |
| 80 °F/27°C DB 66 °F/19°C WB | Tcc(kW) | 29.18 | 27.83 | 27.02 | 25.13 | 24.59 | 23.24 | 21.89 |
| | Scs(kW) | 21.59 | 21.43 | 21.08 | 20.61 | 20.41 | 19.98 | 19.04 |
| | PW(kW) | 8.64 | 9.12 | 9.60 | 10.08 | 10.46 | 10.75 | 11.52 |
| 84 °F/29°C DB 66 °F/19°C WB | Tcc(kW) | 29.45 | 28.10 | 27.56 | 25.40 | 24.72 | 23.51 | 22.16 |
| | Scs(kW) | 24.74 | 23.89 | 23.70 | 23.11 | 23.24 | 22.57 | 21.49 |
| | PW(kW) | 8.83 | 9.31 | 9.70 | 10.27 | 10.85 | 11.33 | 11.81 |
| 90 °F/32°C DB 73 °F/23°C WB | Tcc(kW) | 29.72 | 28.64 | 28.10 | 25.94 | 25.13 | 24.32 | 22.70 |
| | Scs(kW) | 25.26 | 24.92 | 24.73 | 24.12 | 24.12 | 23.59 | 22.47 |
| | PW(kW) | 9.02 | 9.41 | 10.08 | 10.46 | 11.04 | 11.81 | 12.10 |

Low speed at 3200 m³/h

| Indoor air entering Temp | | Outdoor air entering Temp(DB) | | | | | | |
|--------------------------------|----------|-------------------------------|------------|--------------|-------------|-------------|-------------|------------|
| | | 70 °F/21°C | 82 °F/28°C | 95 °F/35°C | 109 °F/43°C | 115 °F/46°C | 126 °F/52°C | 129°F/54°C |
| 70 °F/21°C DB 59 °F/15°C WB | Tcc(kW) | 26.72 | 25.42 | 24.12 | 23.09 | 22.31 | 21.01 | 19.46 |
| | Scck(kW) | 19.77 | 19.57 | 19.30 | 19.39 | 18.96 | 18.49 | 17.51 |
| | PW(kW) | 7.64 | 8.29 | 8.66 | 8.93 | 9.30 | 9.95 | 10.41 |
| 75 °F/24°C DB 63 °F/17°C WB | Tcc(kW) | 27.50 | 26.20 | 24.90 | 23.35 | 22.83 | 21.53 | 20.23 |
| | Scck(kW) | 20.62 | 20.44 | 20.17 | 19.61 | 19.40 | 18.95 | 18.21 |
| | PW(kW) | 8.10 | 8.66 | 9.03 | 9.49 | 9.85 | 10.41 | 10.87 |
| 80 °F/27°C DB 66 °F/19°C WB | Tcc(kW) | 28.02 | 26.72 | 25.94 | 24.12 | 23.61 | 22.31 | 21.01 |
| | Scck(kW) | 20.73 | 20.57 | 20.23 | 19.78 | 19.59 | 19.19 | 18.28 |
| | PW(kW) | 8.29 | 8.75 | 9.21 | 9.67 | 10.04 | 10.32 | 11.05 |
| 84 °F/29°C DB 66 °F/19°C WB | Tcc(kW) | 28.27 | 26.98 | 26.46 | 24.38 | 23.74 | 22.57 | 21.27 |
| | Scck(kW) | 23.75 | 22.93 | 22.75 | 22.19 | 22.31 | 21.67 | 20.63 |
| | PW(kW) | 8.47 | 8.93 | 9.30 | 9.85 | 10.41 | 10.87 | 11.33 |
| 90 °F/32°C DB 73 °F/23°C WB | Tcc(kW) | 28.53 | 27.50 | 26.98 | 24.90 | 24.12 | 23.35 | 21.79 |
| | Scck(kW) | 24.25 | 23.92 | 23.74 | 23.16 | 23.16 | 22.65 | 21.57 |
| | PW(kW) | 8.66 | 9.03 | 9.67 | 10.04 | 10.59 | 11.33 | 11.60 |

BSAH-96HR

High speed at 4500 m³/h

| Indoor air entering Temp | | Outdoor air entering Temp(DB) | | | | | | |
|--------------------------------|----------|-------------------------------|------------|--------------|-------------|-------------|-------------|-------------|
| | | 70 °F/21°C | 82 °F/28°C | 95 °F/35°C | 109 °F/43°C | 115 °F/46°C | 126 °F/52°C | 129 °F/54°C |
| 70 °F/21°C DB 59 °F/15°C WB | Tcc(kW) | 28.98 | 27.58 | 26.17 | 25.04 | 24.20 | 22.79 | 21.11 |
| | Scck(kW) | 21.45 | 21.23 | 20.94 | 21.04 | 20.57 | 20.06 | 18.99 |
| | PW(kW) | 8.47 | 9.18 | 9.59 | 9.89 | 10.30 | 11.02 | 11.53 |
| 75 °F/24°C DB 63 °F/17°C WB | Tcc(kW) | 29.83 | 28.42 | 27.01 | 25.33 | 24.76 | 23.36 | 21.95 |
| | Scck(kW) | 22.37 | 22.17 | 21.88 | 21.27 | 21.05 | 20.55 | 19.75 |
| | PW(kW) | 8.98 | 9.59 | 10.00 | 10.51 | 10.91 | 11.53 | 12.04 |
| 80 °F/27°C DB 66 °F/19°C WB | Tcc(kW) | 30.39 | 28.98 | 28.14 | 26.17 | 25.61 | 24.20 | 22.79 |
| | Scck(kW) | 22.49 | 22.32 | 21.95 | 21.46 | 21.25 | 20.81 | 19.83 |
| | PW(kW) | 9.18 | 9.69 | 10.20 | 10.71 | 11.12 | 11.42 | 12.24 |
| 84 °F/29°C DB 66 °F/19°C WB | Tcc(kW) | 30.67 | 29.27 | 28.70 | 26.45 | 25.75 | 24.48 | 23.07 |
| | Scck(kW) | 25.76 | 24.88 | 24.68 | 24.07 | 24.20 | 23.50 | 22.38 |
| | PW(kW) | 9.38 | 9.89 | 10.30 | 10.91 | 11.53 | 12.04 | 12.55 |
| 90 °F/32°C DB 73 °F/23°C WB | Tcc(kW) | 30.95 | 29.83 | 29.27 | 27.01 | 26.17 | 25.33 | 23.64 |
| | Scck(kW) | 26.31 | 25.95 | 25.75 | 25.12 | 25.12 | 24.57 | 23.40 |
| | PW(kW) | 9.59 | 10.00 | 10.71 | 11.12 | 11.73 | 12.55 | 12.85 |

Medium speed at 3810 m³/h

| Indoor air entering Temp | | Outdoor air entering Temp(DB) | | | | | | |
|--------------------------------|----------|-------------------------------|------------|--------------|-------------|-------------|-------------|-------------|
| | | 70 °F/21°C | 82 °F/28°C | 95 °F/35°C | 109 °F/43°C | 115 °F/46°C | 126 °F/52°C | 129 °F/54°C |
| 70 °F/21°C DB 59 °F/15°C WB | Tcc(kW) | 27.83 | 26.48 | 25.13 | 24.05 | 23.24 | 21.89 | 20.27 |
| | Scck(kW) | 20.59 | 20.39 | 20.10 | 20.20 | 19.75 | 19.26 | 18.24 |
| | PW(kW) | 8.13 | 8.81 | 9.20 | 9.50 | 9.89 | 10.57 | 11.06 |
| 75 °F/24°C DB 63 °F/17°C WB | Tcc(kW) | 28.64 | 27.29 | 25.94 | 24.32 | 23.78 | 22.43 | 21.08 |
| | Scck(kW) | 21.48 | 21.29 | 21.01 | 20.43 | 20.21 | 19.74 | 18.97 |
| | PW(kW) | 8.62 | 9.20 | 9.59 | 10.08 | 10.48 | 11.06 | 11.55 |
| 80 °F/27°C DB 66 °F/19°C WB | Tcc(kW) | 29.18 | 27.83 | 27.02 | 25.13 | 24.59 | 23.24 | 21.89 |
| | Scck(kW) | 21.59 | 21.43 | 21.08 | 20.61 | 20.41 | 19.98 | 19.04 |
| | PW(kW) | 8.81 | 9.30 | 9.79 | 10.28 | 10.67 | 10.96 | 11.75 |
| 84 °F/29°C DB 66 °F/19°C WB | Tcc(kW) | 29.45 | 28.10 | 27.56 | 25.40 | 24.72 | 23.51 | 22.16 |
| | Scck(kW) | 24.74 | 23.89 | 23.70 | 23.11 | 23.24 | 22.57 | 21.49 |
| | PW(kW) | 9.01 | 9.50 | 9.89 | 10.48 | 11.06 | 11.55 | 12.04 |
| 90 °F/32°C DB 73 °F/23°C WB | Tcc(kW) | 29.72 | 28.64 | 28.10 | 25.94 | 25.13 | 24.32 | 22.70 |
| | Scck(kW) | 25.26 | 24.92 | 24.73 | 24.12 | 24.12 | 23.59 | 22.47 |
| | PW(kW) | 9.20 | 9.59 | 10.28 | 10.67 | 11.26 | 12.04 | 12.34 |

Low speed at 3200 m³/h

| Indoor air entering Temp | | Outdoor air entering Temp(DB) | | | | | | |
|--------------------------------|----------|-------------------------------|------------|--------------|-------------|-------------|-------------|------------|
| | | 70 °F/21°C | 82 °F/28°C | 95 °F/35°C | 109 °F/43°C | 115 °F/46°C | 126 °F/52°C | 129°F/54°C |
| 70 °F/21°C DB 59 °F/15°C WB | Tcc(kW) | 26.72 | 25.42 | 24.12 | 23.09 | 22.31 | 21.01 | 19.46 |
| | Scck(kW) | 19.77 | 19.57 | 19.30 | 19.39 | 18.96 | 18.49 | 17.51 |
| | PW(kW) | 7.80 | 8.46 | 8.84 | 9.12 | 9.49 | 10.15 | 10.62 |
| 75 °F/24°C DB 63 °F/17°C WB | Tcc(kW) | 27.50 | 26.20 | 24.90 | 23.35 | 22.83 | 21.53 | 20.23 |
| | Scck(kW) | 20.62 | 20.44 | 20.17 | 19.61 | 19.40 | 18.95 | 18.21 |
| | PW(kW) | 8.27 | 8.84 | 9.21 | 9.68 | 10.06 | 10.62 | 11.09 |
| 80 °F/27°C DB 66 °F/19°C WB | Tcc(kW) | 28.02 | 26.72 | 25.94 | 24.12 | 23.61 | 22.31 | 21.01 |
| | Scck(kW) | 20.73 | 20.57 | 20.23 | 19.78 | 19.59 | 19.19 | 18.28 |
| | PW(kW) | 8.46 | 8.93 | 9.40 | 9.87 | 10.25 | 10.53 | 11.28 |
| 84 °F/29°C DB 66 °F/19°C WB | Tcc(kW) | 28.27 | 26.98 | 26.46 | 24.38 | 23.74 | 22.57 | 21.27 |
| | Scck(kW) | 23.75 | 22.93 | 22.75 | 22.19 | 22.31 | 21.67 | 20.63 |
| | PW(kW) | 8.65 | 9.12 | 9.49 | 10.06 | 10.62 | 11.09 | 11.56 |
| 90 °F/32°C DB 73 °F/23°C WB | Tcc(kW) | 28.53 | 27.50 | 26.98 | 24.90 | 24.12 | 23.35 | 21.79 |
| | Scck(kW) | 24.25 | 23.92 | 23.74 | 23.16 | 23.16 | 22.65 | 21.57 |
| | PW(kW) | 8.84 | 9.21 | 9.87 | 10.25 | 10.81 | 11.56 | 11.84 |

BSAH-150HR

High speed at 8000 m³/h

| Indoor air entering Temp | | Outdoor air entering Temp(DB) | | | | | | |
|--------------------------------|----------|-------------------------------|------------|--------------|-------------|-------------|-------------|------------|
| | | 70 °F/21°C | 82 °F/28°C | 95 °F/35°C | 109 °F/43°C | 115 °F/46°C | 126 °F/52°C | 129°F/54°C |
| 70 °F/21°C DB 59 °F/15°C WB | Tcc(kW) | 45.32 | 43.12 | 40.92 | 39.16 | 37.84 | 35.64 | 33.00 |
| | Scck(kW) | 33.54 | 33.20 | 32.74 | 32.89 | 32.16 | 31.36 | 29.70 |
| | PW(kW) | 13.28 | 14.40 | 15.04 | 15.52 | 16.16 | 17.28 | 18.08 |
| 75 °F/24°C DB 63 °F/17°C WB | Tcc(kW) | 46.64 | 44.44 | 42.24 | 39.60 | 38.72 | 36.52 | 34.32 |
| | Scck(kW) | 34.98 | 34.66 | 34.21 | 33.26 | 32.91 | 32.14 | 30.89 |
| | PW(kW) | 14.08 | 15.04 | 15.68 | 16.48 | 17.12 | 18.08 | 18.88 |
| 80 °F/27°C DB 66 °F/19°C WB | Tcc(kW) | 47.52 | 45.32 | 44.00 | 40.92 | 40.04 | 37.84 | 35.64 |
| | Scck(kW) | 35.16 | 34.90 | 34.32 | 33.55 | 33.23 | 32.54 | 31.01 |
| | PW(kW) | 14.40 | 15.20 | 16.00 | 16.80 | 17.44 | 17.92 | 19.20 |
| 84 °F/29°C DB 66 °F/19°C WB | Tcc(kW) | 47.96 | 45.76 | 44.88 | 41.36 | 40.26 | 38.28 | 36.08 |
| | Scck(kW) | 40.29 | 38.90 | 38.60 | 37.64 | 37.84 | 36.75 | 35.00 |
| | PW(kW) | 14.72 | 15.52 | 16.16 | 17.12 | 18.08 | 18.88 | 19.68 |
| 90 °F/32°C DB 73 °F/23°C WB | Tcc(kW) | 48.40 | 46.64 | 45.76 | 42.24 | 40.92 | 39.60 | 36.96 |
| | Scck(kW) | 41.14 | 40.58 | 40.27 | 39.28 | 39.28 | 38.41 | 36.59 |
| | PW(kW) | 15.04 | 15.68 | 16.80 | 17.44 | 18.40 | 19.68 | 20.16 |

Medium speed at 6800 m³/h

| Indoor air entering Temp | | Outdoor air entering Temp(DB) | | | | | | |
|--------------------------------|----------|-------------------------------|------------|--------------|-------------|-------------|-------------|------------|
| | | 70 °F/21°C | 82 °F/28°C | 95 °F/35°C | 109 °F/43°C | 115 °F/46°C | 126 °F/52°C | 129°F/54°C |
| 70 °F/21°C DB 59 °F/15°C WB | Tcc(kW) | 43.47 | 41.36 | 39.25 | 37.56 | 36.29 | 34.18 | 31.65 |
| | Scck(kW) | 32.16 | 31.84 | 31.40 | 31.55 | 30.85 | 30.08 | 28.49 |
| | PW(kW) | 12.75 | 13.82 | 14.44 | 14.90 | 15.51 | 16.59 | 17.36 |
| 75 °F/24°C DB 63 °F/17°C WB | Tcc(kW) | 44.73 | 42.62 | 40.51 | 37.98 | 37.14 | 35.03 | 32.92 |
| | Scck(kW) | 33.55 | 33.25 | 32.81 | 31.90 | 31.57 | 30.82 | 29.62 |
| | PW(kW) | 13.52 | 14.44 | 15.05 | 15.82 | 16.44 | 17.36 | 18.12 |
| 80 °F/27°C DB 66 °F/19°C WB | Tcc(kW) | 45.58 | 43.47 | 42.20 | 39.25 | 38.40 | 36.29 | 34.18 |
| | Scck(kW) | 33.73 | 33.47 | 32.92 | 32.18 | 31.87 | 31.21 | 29.74 |
| | PW(kW) | 13.82 | 14.59 | 15.36 | 16.13 | 16.74 | 17.20 | 18.43 |
| 84 °F/29°C DB 66 °F/19°C WB | Tcc(kW) | 46.00 | 43.89 | 43.04 | 39.67 | 38.61 | 36.71 | 34.60 |
| | Scck(kW) | 38.64 | 37.30 | 37.02 | 36.10 | 36.30 | 35.25 | 33.57 |
| | PW(kW) | 14.13 | 14.90 | 15.51 | 16.44 | 17.36 | 18.12 | 18.89 |
| 90 °F/32°C DB 73 °F/23°C WB | Tcc(kW) | 46.42 | 44.73 | 43.89 | 40.51 | 39.25 | 37.98 | 35.45 |
| | Scck(kW) | 39.46 | 38.92 | 38.62 | 37.68 | 37.68 | 36.84 | 35.09 |
| | PW(kW) | 14.44 | 15.05 | 16.13 | 16.74 | 17.66 | 18.89 | 19.35 |

Low speed at 5500 m³/h

| Indoor air entering Temp | | Outdoor air entering Temp(DB) | | | | | | |
|--------------------------------|---------|-------------------------------|------------|--------------|-------------|-------------|-------------|------------|
| | | 70 °F/21°C | 82 °F/28°C | 95 °F/35°C | 109 °F/43°C | 115 °F/46°C | 126 °F/52°C | 129°F/54°C |
| 70 °F/21°C DB 59 °F/15°C WB | Tcc(kW) | 41.73 | 39.70 | 37.67 | 36.05 | 34.84 | 32.81 | 30.38 |
| | Scs(kW) | 30.88 | 30.57 | 30.14 | 30.29 | 29.61 | 28.88 | 27.34 |
| | PW(kW) | 12.23 | 13.27 | 13.86 | 14.30 | 14.89 | 15.92 | 16.66 |
| 75 °F/24°C DB 63 °F/17°C WB | Tcc(kW) | 42.94 | 40.92 | 38.89 | 36.46 | 35.65 | 33.62 | 31.60 |
| | Scs(kW) | 32.21 | 31.91 | 31.50 | 30.63 | 30.30 | 29.59 | 28.44 |
| | PW(kW) | 12.97 | 13.86 | 14.45 | 15.18 | 15.77 | 16.66 | 17.39 |
| 80 °F/27°C DB 66 °F/19°C WB | Tcc(kW) | 43.75 | 41.73 | 40.51 | 37.67 | 36.86 | 34.84 | 32.81 |
| | Scs(kW) | 32.38 | 32.13 | 31.60 | 30.89 | 30.60 | 29.96 | 28.55 |
| | PW(kW) | 13.27 | 14.00 | 14.74 | 15.48 | 16.07 | 16.51 | 17.69 |
| 84 °F/29°C DB 66 °F/19°C WB | Tcc(kW) | 44.16 | 42.13 | 41.32 | 38.08 | 37.07 | 35.24 | 33.22 |
| | Scs(kW) | 37.09 | 35.81 | 35.54 | 34.65 | 34.84 | 33.83 | 32.22 |
| | PW(kW) | 13.56 | 14.30 | 14.89 | 15.77 | 16.66 | 17.39 | 18.13 |
| 90 °F/32°C DB 73 °F/23°C WB | Tcc(kW) | 44.56 | 42.94 | 42.13 | 38.89 | 37.67 | 36.46 | 34.03 |
| | Scs(kW) | 37.88 | 37.36 | 37.07 | 36.17 | 36.17 | 35.37 | 33.69 |
| | PW(kW) | 13.86 | 14.45 | 15.48 | 16.07 | 16.95 | 18.13 | 18.57 |

7.2 Heating:

BSAH-76HR

High speed at 4500 m³/h

| Outdoor DB (°C) | | 24 | | 7 | | 2 | | -5 | | -7 | |
|-----------------|-----------------------------|---------------|-------|-------|------|-------|------|-------|------|-------|------|
| outdoor WB (°C) | | 18 | | 6 | | 1 | | -6 | | -8 | |
| MODEL | Evap. Entering Air DB | TC | KW | TC | KW | TC | KW | TC | KW | TC | KW |
| | (°C) | Capacity (kW) | | | | | | | | | |
| MHB-76HR | 15 | 31.85 | 8.64 | 25.73 | 7.44 | 21.07 | 6.40 | 19.11 | 6.00 | 17.89 | 5.68 |
| | 20 | 30.87 | 9.44 | 24.50 | 8.00 | 19.85 | 7.04 | 18.62 | 6.48 | 17.15 | 6.08 |
| | 27 | 28.91 | 10.00 | 23.03 | 8.64 | 18.62 | 7.60 | 18.13 | 7.04 | 16.17 | 6.56 |

Medium speed at 3810 m³/h

| Outdoor DB (°C) | | 24 | | 7 | | 2 | | -5 | | -7 | |
|-----------------|-----------------------------|---------------|------|-------|------|-------|------|-------|------|-------|------|
| outdoor WB (°C) | | 18 | | 6 | | 1 | | -6 | | -8 | |
| MODEL | Evap. Entering Air DB | TC | KW | TC | KW | TC | KW | TC | KW | TC | KW |
| | (°C) | Capacity (kW) | | | | | | | | | |
| MHB-76HR | 15 | 30.58 | 8.29 | 24.70 | 7.14 | 20.23 | 6.14 | 18.35 | 5.76 | 17.17 | 5.45 |
| | 20 | 29.64 | 9.06 | 23.52 | 7.68 | 19.05 | 6.76 | 17.88 | 6.22 | 16.46 | 5.84 |
| | 27 | 27.75 | 9.60 | 22.11 | 8.29 | 17.88 | 7.30 | 17.40 | 6.76 | 15.52 | 6.30 |

Low speed at 3200 m³/h

| Outdoor DB (°C) | | 24 | | 7 | | 2 | | -5 | | -7 | |
|-----------------|-----------------------------|---------------|------|-------|------|-------|------|-------|------|-------|------|
| outdoor WB (°C) | | 18 | | 6 | | 1 | | -6 | | -8 | |
| MODEL | Evap. Entering Air DB | TC | KW | TC | KW | TC | KW | TC | KW | TC | KW |
| | (°C) | Capacity (kW) | | | | | | | | | |
| MHB-76HR | 15 | 29.35 | 7.96 | 23.71 | 6.85 | 19.42 | 5.90 | 17.61 | 5.53 | 16.48 | 5.23 |
| | 20 | 28.45 | 8.70 | 22.58 | 7.37 | 18.29 | 6.49 | 17.16 | 5.97 | 15.81 | 5.60 |
| | 27 | 26.64 | 9.21 | 21.23 | 7.96 | 17.16 | 7.00 | 16.71 | 6.49 | 14.90 | 6.04 |

BSAH-96HR**High speed at 4500 m³/h**

| | | | | | | | | | | | |
|-----------------|-----------------------------|---------------|-------|-------|-------|-------|------|-------|------|-------|------|
| Outdoor DB (°C) | | 24 | | 7 | | 2 | | -5 | | -7 | |
| outdoor WB (°C) | | 18 | | 6 | | 1 | | -6 | | -8 | |
| MODEL | Evap. Entering Air DB | TC | KW | TC | KW | TC | KW | TC | KW | TC | KW |
| | (°C) | Capacity (kW) | | | | | | | | | |
| MHB-96HR | 15 | 40.24 | 10.58 | 32.50 | 9.11 | 26.62 | 7.84 | 24.14 | 7.35 | 22.59 | 6.96 |
| | 20 | 39.00 | 11.56 | 30.95 | 9.80 | 25.07 | 8.62 | 23.52 | 7.94 | 21.67 | 7.45 |
| | 27 | 36.52 | 12.25 | 29.09 | 10.58 | 23.52 | 9.31 | 22.90 | 8.62 | 20.43 | 8.04 |

Medium speed at 3810 m³/h

| | | | | | | | | | | | |
|-----------------|-----------------------------|---------------|-------|-------|-------|-------|------|-------|------|-------|------|
| Outdoor DB (°C) | | 24 | | 7 | | 2 | | -5 | | -7 | |
| outdoor WB (°C) | | 18 | | 6 | | 1 | | -6 | | -8 | |
| MODEL | Evap. Entering Air DB | TC | KW | TC | KW | TC | KW | TC | KW | TC | KW |
| | (°C) | Capacity (kW) | | | | | | | | | |
| MHB-96HR | 15 | 38.64 | 10.15 | 31.21 | 8.74 | 25.56 | 7.52 | 23.18 | 7.05 | 21.70 | 6.67 |
| | 20 | 37.45 | 11.09 | 29.72 | 9.40 | 24.07 | 8.27 | 22.59 | 7.61 | 20.80 | 7.14 |
| | 27 | 35.07 | 11.75 | 27.94 | 10.15 | 22.59 | 8.93 | 21.99 | 8.27 | 19.62 | 7.71 |

Low speed at 3200 m³/h

| | | | | | | | | | | | |
|-----------------|-----------------------------|---------------|-------|-------|------|-------|------|-------|------|-------|------|
| Outdoor DB (°C) | | 24 | | 7 | | 2 | | -5 | | -7 | |
| outdoor WB (°C) | | 18 | | 6 | | 1 | | -6 | | -8 | |
| MODEL | Evap. Entering Air DB | TC | KW | TC | KW | TC | KW | TC | KW | TC | KW |
| | (°C) | Capacity (kW) | | | | | | | | | |
| MHB-96HR | 15 | 37.10 | 9.75 | 29.97 | 8.40 | 24.54 | 7.22 | 22.26 | 6.77 | 20.83 | 6.41 |
| | 20 | 35.96 | 10.66 | 28.54 | 9.03 | 23.12 | 7.95 | 21.69 | 7.31 | 19.98 | 6.86 |
| | 27 | 33.68 | 11.29 | 26.83 | 9.75 | 21.69 | 8.58 | 21.12 | 7.95 | 18.84 | 7.40 |

BSAH-150HR**High speed at 8000 m³/h**

| | | | | | | | | | | | |
|-----------------|-----------------------------|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Outdoor DB (°C) | | 24 | | 7 | | 2 | | -5 | | -7 | |
| outdoor WB (°C) | | 18 | | 6 | | 1 | | -6 | | -8 | |
| MODEL | Evap. Entering Air DB | TC | KW | TC | KW | TC | KW | TC | KW | TC | KW |
| | (°C) | Capacity (kW) | | | | | | | | | |
| MKH25 | 15 | 62.87 | 18.36 | 50.78 | 15.81 | 41.59 | 13.60 | 37.72 | 12.75 | 35.30 | 12.07 |
| | 20 | 60.93 | 20.06 | 48.36 | 17.00 | 39.17 | 14.96 | 36.75 | 13.77 | 33.85 | 12.92 |
| | 27 | 57.06 | 21.25 | 45.46 | 18.36 | 36.75 | 16.15 | 35.79 | 14.96 | 31.92 | 13.94 |

Medium speed at 6800 m³/h

| | | | | | | | | | | | |
|-----------------|-----------------------------|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Outdoor DB (°C) | | 24 | | 7 | | 2 | | -5 | | -7 | |
| outdoor WB (°C) | | 18 | | 6 | | 1 | | -6 | | -8 | |
| MODEL | Evap. Entering Air DB | TC | KW | TC | KW | TC | KW | TC | KW | TC | KW |
| | (°C) | Capacity (kW) | | | | | | | | | |
| MKH25 | 15 | 60.36 | 17.63 | 48.75 | 15.18 | 39.93 | 13.06 | 36.22 | 12.24 | 33.89 | 11.59 |
| | 20 | 58.50 | 19.26 | 46.43 | 16.32 | 37.61 | 14.36 | 35.29 | 13.22 | 32.50 | 12.40 |
| | 27 | 54.79 | 20.40 | 43.64 | 17.63 | 35.29 | 15.50 | 34.36 | 14.36 | 30.64 | 13.38 |

Low speed at 5500 m³/h

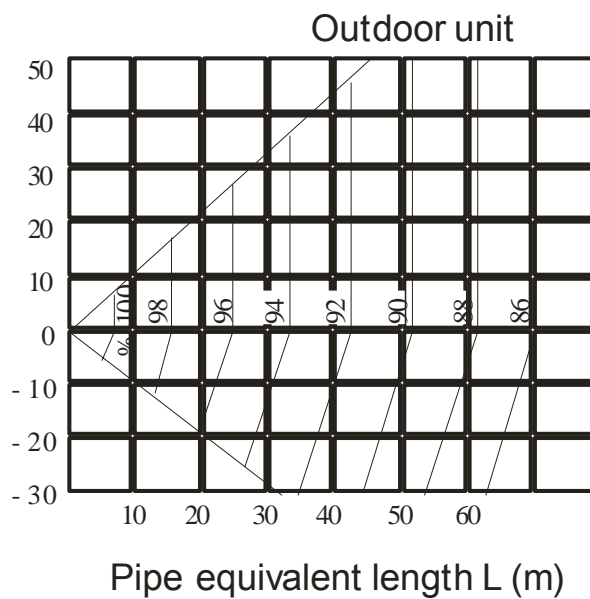
| | | | | | | | | | | | |
|-----------------|-----------------------------|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Outdoor DB (°C) | | 24 | | 7 | | 2 | | -5 | | -7 | |
| outdoor WB (°C) | | 18 | | 6 | | 1 | | -6 | | -8 | |
| MODEL | Evap. Entering Air DB | TC | KW | TC | KW | TC | KW | TC | KW | TC | KW |
| | (°C) | Capacity (kW) | | | | | | | | | |
| MKH25 | 15 | 57.94 | 16.91 | 46.80 | 14.56 | 38.33 | 12.53 | 34.76 | 11.75 | 32.54 | 11.12 |
| | 20 | 56.16 | 18.48 | 44.57 | 15.66 | 36.10 | 13.78 | 33.87 | 12.68 | 31.20 | 11.90 |
| | 27 | 52.59 | 19.58 | 41.90 | 16.91 | 33.87 | 14.88 | 32.98 | 13.78 | 29.42 | 12.84 |

8 Capacity correction factors

8.1 Correction factor of indoor air-flow changing rate

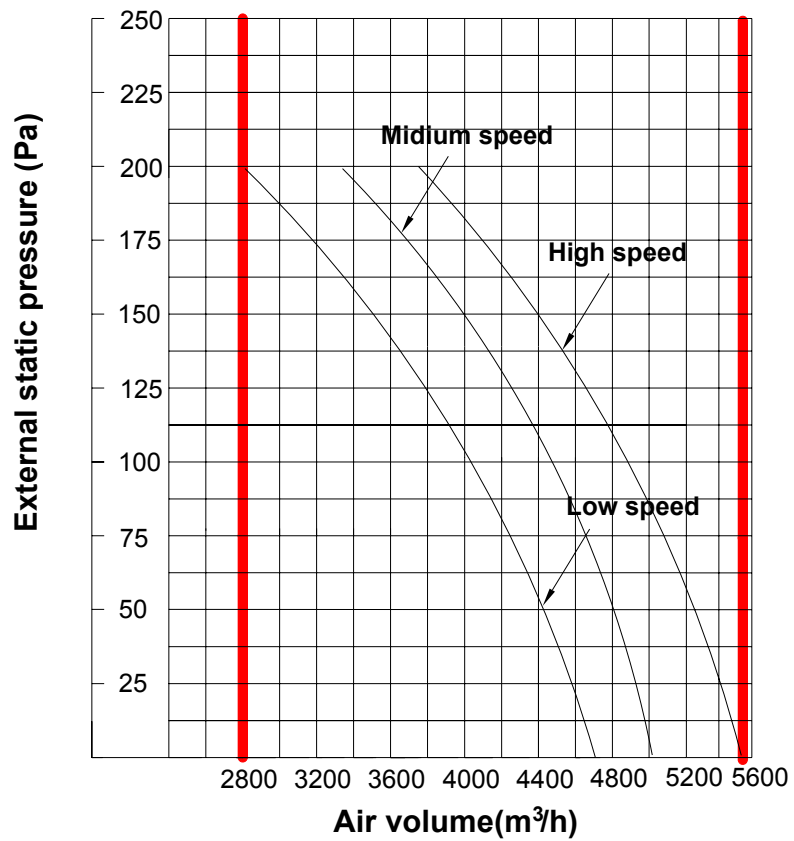
| Unit Model | Air flow (m ³ /h) | Air delivery capacity correction factor | |
|--------------|------------------------------|---|----------|
| | | Total | Sensible |
| BSAH-76C(H)R | 5000 | 1.05 | 1.08 |
| | 4500 | 1 | 1 |
| | 3810 | 0.96 | 0.92 |
| | 3200 | 0.92 | 0.85 |
| BSAH-96C(H)R | 5000 | 1.05 | 1.08 |
| | 4500 | 1 | 1 |
| | 3810 | 0.96 | 0.92 |
| | 3200 | 0.92 | 0.85 |
| BSAH-150HR | 8500 | 1.05 | 1.08 |
| | 8000 | 1 | 1 |
| | 6800 | 0.96 | 0.92 |
| | 5500 | 0.92 | 0.85 |

8.2 Correction factor of the length and elevation difference of refrigerant pipe

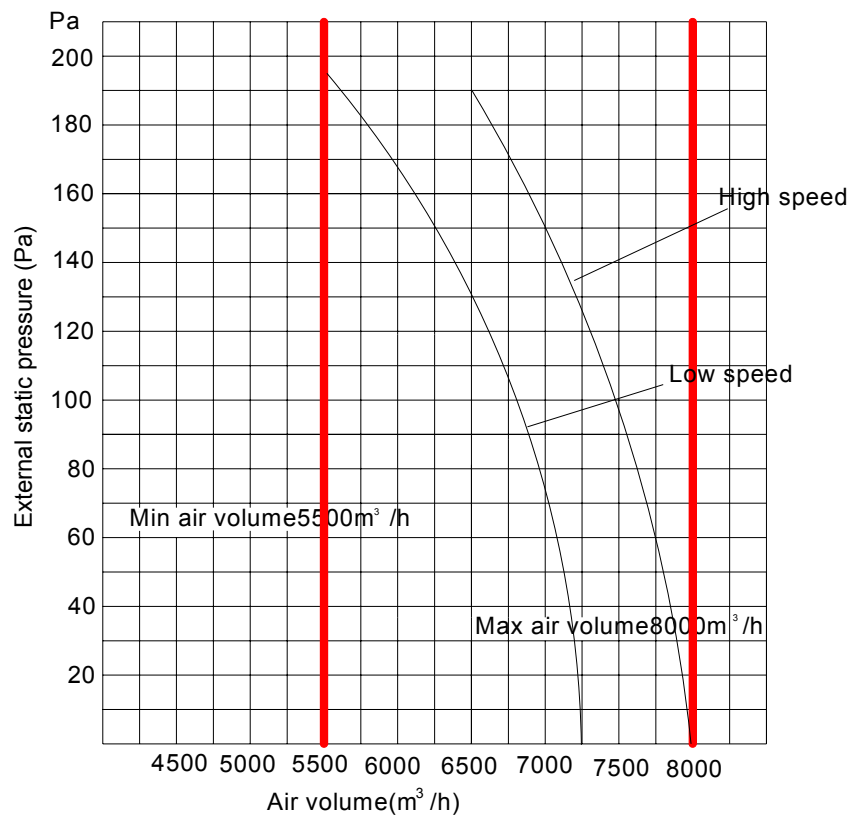


9. Static Pressure

9.1 For 76000Btu/h and 96000Btu/h



9.2 For 150000Btu/h



10. Electric Characteristics

| Model | Indoor Unit | | | | Power Supply | | IFM | |
|------------|-------------|---------|------|------|--------------|-----|--------|------|
| | Hz | Voltage | Min. | Max. | MCA | MFA | KW | FLA |
| BSAH-76HR | 50 | 220V | 198V | 242V | 10.8 | 35 | 0.55×2 | 8.6 |
| BSAH-76CR | 50 | 220V | 198V | 242V | 10.8 | 35 | 0.55×2 | 8.6 |
| BSAH-96HR | 50 | 220V | 198V | 242V | 10.8 | 35 | 0.55×2 | 8.6 |
| BSAH-96CR | 50 | 220V | 198V | 242V | 10.8 | 35 | 0.55×2 | 8.6 |
| BSAH-150HR | 50 | 220V | 198V | 242V | 10 | 30 | 0.55×3 | 12.9 |

Remark:

MCA: Min. Current Amps. (A)

MFA: Max. Fuse Amps. (A)

KW: Fan Motor Rated Output (KW)

FLA: Full Load Amps. (A)

IFM: Indoor Fan Motor