

Aquarea Bi-Bloc

Aquarea T-CAP Bi-Bloc Three Phase. Heating and Cooling - SXC

| | | Three Phase (Power to indoor) | | | |
|--|-------------------------|------------------------------------|--------------------------|--------------------------|--------------------------|
| | | KIT-WXC09F3E8 | KIT-WXC09F9E8 | KIT-WXC12F9E8 | KIT-WXC16F9E8 |
| Heating capacity at +7°C (heating water at 35°C) | kW | 9,00 | 9,00 | 12,00 | 16,00 |
| COP at +7°C (heating water at 35°C) | W/W | 4,84 | 4,84 | 4,74 | 4,28 |
| Heating capacity at +2°C (heating water at 35°C) | kW | 9,00 | 9,00 | 12,00 | 16,00 |
| COP at +2°C (heating water at 35°C) | W/W | 3,59 | 3,59 | 3,44 | 3,10 |
| Heating capacity at -7°C (heating water at 35°C) | kW | 9,00 | 9,00 | 12,00 | 16,00 |
| COP at -7°C (heating water at 35°C) | W/W | 2,85 | 2,85 | 2,72 | 2,49 |
| Heating capacity at -15°C (heating water at 35°C) | kW | 9,00 | 9,00 | 12,00 | 16,00 |
| COP at -15°C (heating water at 35°C) | W/W | 2,56 | 2,56 | 2,42 | 2,32 |
| Cooling capacity at 35°C (cooling water at 7/12°C) | kW | 7,00 | 7,00 | 10,00 | 12,20 |
| EER at 35°C (cooling water at 7/12°C) | W/W | 3,17 | 3,17 | 2,81 | 2,57 |
| Energy Efficiency Class at 35°C | | A++ | A++ | A++ | A++ |
| Energy Efficiency Class at 55°C | | A++ | A++ | A++ | A++ |
| Indoor Unit | | WH-SXC09F3E8 | WH-SXC09F9E8 | WH-SXC12F9E8 | WH-SXC16F9E8 |
| Sound pressure level | Heating / Cooling | dB(A) 33 / 33 | 33 / 33 | 33 / 33 | 33 / 33 |
| Dimensions / Weight | H x W x D | mm / kg 892 x 502 x 353 / 45 | 892 x 502 x 353 / 45 | 892 x 502 x 353 / 46 | 892 x 502 x 353 / 52 |
| Water pipe connector | | R 1 1/4 | R 1 1/4 | R 1 1/4 | R 1 1/4 |
| Pump | Number of speeds | 7 | 7 | 7 | 7 |
| | Power input (Min / Max) | W 32 / 102 | 32 / 102 | 34 / 110 | 30 / 105 |
| Heating water flow (ΔT=5 K, 35°C) | U/min | 25,8 | 25,8 | 34,4 | 45,9 |
| Capacity of integrated electric heater | kW | 3 | 9 | 9 | 9 |
| Recommended fuse | A | 16 / 16 | 16 / 16 | 16 / 16 | 16 / 16 |
| Recommended cable size, supply 1 & 2 | mm² | 5 x 1,5 / 3 x 1,5 | 5 x 1,5 / 5 x 1,5 | 5 x 1,5 / 5 x 1,5 | 5 x 1,5 / 5 x 1,5 |
| Outdoor Unit | | WH-UX09F8 | WH-UX09F8 | WH-UX12F8 | WH-UX16F8 |
| Sound pressure level | Heating / Cooling | dB(A) 51 / 49 | 51 / 49 | 52 / 50 | 55 / 54 |
| Dimensions / Weight | H x W x D | mm / kg 1.340 x 900 x 320 / 109 | 1.340 x 900 x 320 / 109 | 1.340 x 900 x 320 / 109 | 1.340 x 900 x 320 / 119 |
| Refrigerant (R410A) | kg | 2,85 | 2,85 | 2,85 | 2,90 |
| Pipe diameter | Liquid pipe / Gas pipe | Inch (mm) 3/8 (9,52) / 5/8 (15,88) | 3/8 (9,52) / 5/8 (15,88) | 3/8 (9,52) / 5/8 (15,88) | 3/8 (9,52) / 5/8 (15,88) |
| Pipe length range / Elevation difference (in/out) | m | 3 - 30 / 20 | 3 - 30 / 20 | 3 - 30 / 20 | 3 - 30 / 20 |
| Pipe length for additional gas / Additional gas amount | m / g/m | 10 / 50 | 10 / 50 | 10 / 50 | 10 / 50 |
| Operation range | Outdoor ambient | °C -27 ~ +35 | -27 ~ +35 | -27 ~ +35 | -27 ~ +35 |
| Water outlet | Heating / Cooling | °C 25 - 55 / 5 - 20 | 25 - 55 / 5 - 20 | 25 - 55 / 5 - 20 | 25 - 55 / 5 - 20 |



| | | | |
|------------------------------------|------------------|-----------------------|-----------------------------------|
| A++ EER 55°C | A++ EER 35°C | INVERTER+ | A CLASS WATER PUMP 7 SPEEDS |
| -15°C CONSTANT HEATING T-CAP | DHW | HEATING MADE -27°C | SHOWER CONNECTION |
| SOLAR KIT | INTERNET CONTROL | BMS CONNECTIVITY | 5 YEARS WARRANTY |

Accessories

| | |
|------------------|---|
| WH-TD20E3E5 | Tank 200L Inox w/ 3 way valve |
| WH-TD30E3E5-1 | Tank 300L Inox w/ 3 way valve |
| PAW-TD20B8E3-NDS | Domestic hot water tank 185 (for DHW tank) / 80 (for buffer tank) |
| CZ-TK1 | Temperature sensor for 3rd party tank |

Accessories

| | |
|-----------------|---|
| PAW-BTANK50L | Buffer tank 50L |
| PA-AW-WIFI-1TE | Wired room temperature sensor (only for PA-AW-WIFI-1) |
| PAW-A2W-BIV | Bivalent controller |
| PAW-FILTER | 2 check valves + filter with 1" |
| PAW-A2W-RTWIRED | Wired LCD room thermostat with weekly timer |

COP classification is at 230V only in accordance with EU directive 2003/32/EC. Sound pressure measured at 1m from the outdoor unit and at 1,5m height. Heating sound pressure measured at +7°C (heating water at 55°C). Performance in agreement with EN14511.

INTERNET CONTROL- Optional.

Aquarea HT Bi-Bloc Three Phase. Heating Only - SHF

| | | Three Phase (Power to indoor) | |
|--|-------------------------|------------------------------------|--------------------------|
| | | KIT-WHF09F3E8 | KIT-WHF12F9E8 |
| Heating capacity at +7°C (heating water at 35°C) | kW | 9,00 | 12,00 |
| COP at +7°C (heating water at 35°C) | W/W | 4,64 | 4,46 |
| Heating capacity at +2°C (heating water at 35°C) | kW | 9,00 | 12,00 |
| COP at +2°C (heating water at 35°C) | W/W | 3,45 | 3,26 |
| Heating capacity at -7°C (heating water at 35°C) | kW | 9,00 | 12,00 |
| COP at -7°C (heating water at 35°C) | W/W | 2,74 | 2,52 |
| Heating capacity at -15°C (heating water at 35°C) | kW | 9,00 | 12,00 |
| COP at -15°C (heating water at 35°C) | W/W | 2,43 | 2,17 |
| Heating capacity at +7°C (heating water at 65°C) | kW | 9,00 | 12,00 |
| COP at +7°C (heating water at 65°C) | W/W | 2,29 | 2,22 |
| Heating capacity at +2°C (heating water at 65°C) | kW | 9,00 | 10,30 |
| COP at +2°C (heating water at 65°C) | W/W | 1,89 | 1,84 |
| Heating capacity at -7°C (heating water at 65°C) | kW | 8,90 | 9,60 |
| COP at -7°C (heating water at 65°C) | W/W | 1,63 | 1,62 |
| Energy Efficiency Class at 35°C | | A++ | A++ |
| Energy Efficiency Class at 55°C | | A++ | A++ |
| Indoor Unit | | WH-SHF09F3E8 | WH-SHF12F9E8 |
| Sound pressure level | dB(A) | 33 | 33 |
| Dimensions / Weight | H x W x D | mm / kg 892 x 502 x 353 / 47 | 892 x 502 x 353 / 48 |
| Water pipe connector | | R 1 1/4 | R 1 1/4 |
| Pump | Number of speeds | 7 | 7 |
| | Power input (Min / Max) | W 38 / 100 | 40 / 106 |
| Heating water flow (ΔT=5 K, 35°C) | U/min | 25,8 | 34,4 |
| Capacity of integrated electric heater | kW | 3 | 9 |
| Recommended fuse | A | 30 / 16 | 30 / 16 |
| Recommended cable size, supply 1 & 2 | mm² | 5 x 1,5 / 3 x 1,5 | 5 x 1,5 / 5 x 1,5 |
| Outdoor Unit | | WH-UH09F8 | WH-UH12F8 |
| Sound pressure level | dB(A) | 51 | 52 |
| Dimensions / Weight | H x W x D | mm / kg 1.340 x 900 x 320 / 110 | 1.340 x 900 x 320 / 110 |
| Refrigerant (R407C) | kg | 2,90 | 2,90 |
| Pipe diameter | Liquid pipe / Gas pipe | Inch (mm) 3/8 (9,52) / 5/8 (15,88) | 3/8 (9,52) / 5/8 (15,88) |
| Pipe length range / Elevation difference (in/out) | m | 3 - 30 / 20 | 3 - 30 / 20 |
| Pipe length for additional gas / Additional gas amount | m / g/m | 10 / 70 | 10 / 70 |
| Operation range | Outdoor ambient | °C -27 ~ +35 | -27 ~ +35 |
| Water outlet | | °C 25 - 65 | 25 - 65 |



| | | | |
|----------------------|------------------|-----------------------|-----------------------------------|
| A++ EER 55°C | A++ EER 35°C | INVERTER+ | A CLASS WATER PUMP 7 SPEEDS |
| 65°C OUTPUT WATER | DHW | HEATING MADE -27°C | SHOWER CONNECTION |
| SOLAR KIT | INTERNET CONTROL | BMS CONNECTIVITY | 5 YEARS WARRANTY |

Accessories

| | |
|------------------|---------------------------------------|
| WH-TD20E3E5 | Tank 200L Inox w/ 3 way valve |
| WH-TD30E3E5-1 | Tank 300L Inox w/ 3 way valve |
| PAW-TD20B8E3-NDS | Tank 200L Enamelled w/ 3 way valve |
| CZ-TK1 | Temperature sensor for 3rd party tank |

Accessories

| | |
|-----------------|--------------------|
| PAW-BTANK50L | Buffer tank 50L |
| PA-AW-WIFI-1TE | Wifi interface |
| PAW-A2W-BIV | Bivalent control |
| PAW-FILTER | Filter |
| PAW-A2W-RTWIRED | Temperature sensor |

COP classification is at 230V only in accordance with EU directive 2003/32/EC. Sound pressure measured at 1m from the outdoor unit and at 1,5m height. Heating sound pressure measured at +7°C (heating water at 55°C). Performance in agreement with EN14511.

INTERNET CONTROL- Optional.