

New Medium & High Temperature HWM

TOSHIBA are pleased to announce the launch of the Mid and high temperature hot water modules for connection to the SHRM-e systems.





HT-HWM

1. Line Up

| Туре | Model Name | Notes | |
|---------------------------|-----------------|------------------|--|
| Medium Temperature MT-HWM | MMW-AP0271LQ-E | Updated Software | |
| | MMW-AP0561LQ-E | | |
| High Temperature HT-HWM | MMW-AP0481CHQ-E | New Model | |

2. Production date

SHRM-e (software update): 2nd June 2018
 MT-HWM (software update): 11th July 2018
 HT-HWM: August 2018

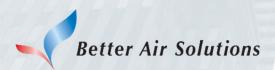
3. Features

MT-HWM & HT-HWM can supply hot water, during cooling operation by connecting with SHRM-e

Hot water supply temperature : MT-HWM = 25~50°C
 Hot water supply temperature : HT-HWM = 50~82°C

Expansion of function : HWM + FCU connectable up to 200%

HWM ambient operating range -25°C~40°C (DB)





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4. Notes

SHRM-e software was changed from the 2nd June production to enable connection with the Hot Water Module. Please purchase a Service PCB (43T6W386) for product produced before this date. TCEU-P will provide a Service to update the PCB until the end of 2018. The update process will be to send the PCB to

Plymouth where it will be updated and returned, where it will need to be re-installed in the outdoor unit it came from.

MT-HWM software has changed from product produced from 11th July to enable it to connect with SHRM-e. Please purchase a service PCB (4316V529) for product produced before this date. Please note that you will also need to replace the software on the SHRM-e as explained in above point.

5. Connectable units

VRF products: SMMS-e / SHRM-e

MT-HWM: SMMS-e / SHRM-e

SMMS-e Model name: MMY-MAP***6HT8P-E SHRM-e Model name: MMY-MAP***6FT8P-UK

HT-HWM: SHRM-e

SHRM-e Model name: MMY-MAP***6FT8P-UK

The software of the SHRM-e is updated to be connected with MT-HWM. MT-HWM & HT-HWM can work when you connect to the SHRM-e made after July. SHRM-e system including MT-HWM & HT-HWM can use only Multi port FS unit or Single port FS unit 4 series. BMS units cannot be connected with "Hot Water Module".

Connectable Remote Controllers:

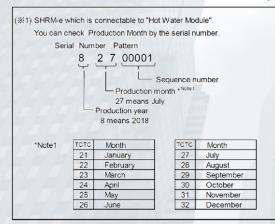
MT-HWM See Section 10. Control Options Compatibility

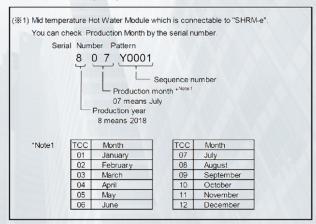
HT-HWM See Section 10. Control Options Compatibility

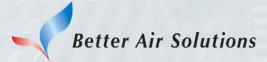
6. Connectable Outdoor Units

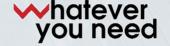
You can confirm the connectable outdoor unit by serial No on ODU.

You can confirm the connectable outdoor unit by serial No on ODU.(X1)







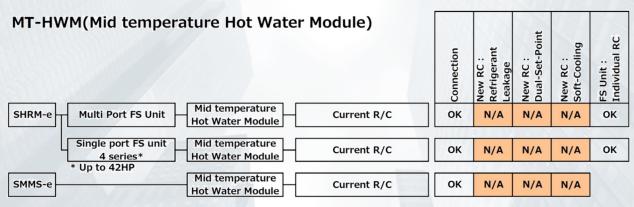


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7. Specification

| Model Name | | MT-HWM | | HT-HWM | |
|-----------------------|--|-----------------|--------------------|-----------------|--|
| | | MMW-AP0271LQ-E | MMW-AP0561LQ-E | MMW-AP0481CHQ-E | |
| Appearance | عادك | | | TOBHINA - | |
| Dimension | A SERVICE OF THE SERV | 580 X 400 X 250 | 580 X 400 X 250 | 700 X 900 X 320 | |
| Commondina ODII | Heat Pump | OK | OK | //- | |
| Connecting ODU | Heat Recovery | OK | OK | OK | |
| Couperaille | Heating | 8kW | 16kW | 14kW | |
| Capacity | Hot Water Supply | 8kW | 16kW | 14kW | |
| Electrical Character | istics | 220/240-1-50 | 220/240-1-50 | 220/240-1-50 | |
| Installation location | | Indoor | Indoor | Indoor | |
| HWM Operation Rar | nge | 5~32°CDB | 5~32°CDB | 5~32°CDB | |
| Sound Pressure Leve | | 25dBa | 27dBa | 44dbA | |
| ODU Operating Heating | | -25~40°CDB | -25~40°CDB | -25~40°CDB | |
| Range | Hot Water Supply | -25~40°CDB | -25~40°CDB | -25~40°CDB | |
| Marker Outlat Ciala | Heating | 25~50°C | 25~50°C | 25~40°C | |
| Water Outlet Side | Hot Water Supply | 25~50°C | 25~50°C | 25~40°C | |
| | FCU + MT-HWM + HT-HWM | | ≤200% (FCU ≤ 120%) | | |
| Diversity (SHRM-e) | FCU + MT-HWM | ≤135% | | | |
| | FCU + HT-HWM | ≤200% | | | |
| | MT-HWM + HT-HWM | ≤100% | | | |
| Max Connecting IDI | J (FCU+HWM) | | 32 units | | |

8. Combination Table



Current R/C: RBC-AMT32E, RBC-AMS41E, RBC-AS41E

| HT-HWM(High temperature Hot Water Module) | Connection | New RC : Refrigerant Leakage | New RC : Dual-Set- Point | New RC: Soft-Cooling | FS Unit: Individual RC |
|---|------------|------------------------------------|--------------------------------|-------------------------|------------------------------|
| SHRM-e Multi Port FS Unit High temperature Hot Water Module RBC-AMS(54)55E-ES/EN | ок | N/A | N/A | N/A | ок |
| Current R/C | ок | N/A | N/A | N/A | ок |
| Single port FS unit 4 series* Hot Water Module * Up to 42HP RBC-AMS(54)55E-ES/EN | ОК | N/A | N/A | N/A | ок |
| Current R/C | ок | N/A | N/A | N/A | ок |

Current R/C: RBC-AMT32E, RBC-AMS41E, RBC-AS41E





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9. Controls options compatibility

| | alliant of | | Conn | ection |
|----------|--|---------------------|--------|--------|
| | Appliance name | Model Name | MT-HWM | HT-HWM |
| Remote | controller | | | All |
| 1 | | RBC-AMT32E | V | ٧ |
| 2 | | RBC-AMS41E | V | V |
| 3 | Wine discussion and the Unit | RBC-AMS54_55E-ES/EN | х | v / |
| 4 | Wired remote controller | RBC-AS41E | V | ٧ |
| 5 | | NRC-01HE | х | Х |
| 6 | | RBC-ASC11E | х | х |
| Schedu | le timer and central remote controller | | | |
| 7 | Schedule timer | TCB-EXS21TLE | V | х |
| 8 | Central remote controller | TCB-CC163TLE2 | V | х |
| Advanc | ced central control | | | |
| 9 | Smart BMS Manager with data analyzer | BMS-SM1281ETLE | х | х |
| 10 | Touch Screen controller | TCB-TSC640-PY | х | Х |
| 11 | Touch Screen controller | BMS-CT5121E | х | Х |
| 12 | LON Interface | TCB-IFLN642TLE | х | х |
| 13 | Modbus Interface | TCB-IFMB641TLE | х | Х |
| 14 | BACnet Server | BMS-LSV6E | х | х |
| 15 | Analog Interface | TCB-IFCB640TLE | х | х |
| 16 | BACnet IP | BMS-IFBN640TLE | х | Х |
| 17 | KNX Interface | TO-AC-KNX-16/64 | х | х |
| 18 | Smart device control interface | BMS-IWF0320E | ٧ | х |
| indoor u | unit optional devices | | | |
| 19 | Remote location ON/OFF control box | TCB-IFCB-4E2 | ٧ | ٧ |
| 20 | Window Switch & Remote location ON/OFF control box | TCB-IFCB5-PE | V | ٧ |
| 21 | Modbus 1:1 Interface | BMS-IFMBOTLR-E | х | Х |
| 22 | KNX 1:1 Interface | BMS-IFKX0TLR-E | Х | х |

For further information please contact our customer support team on 0870 843 0333, your local representative, your supplier of **TOSHIBA** products or email any enquiries to: - general.enquiries@toshiba-ac.com



