



Standard Software Release

Production Software Release Notification

MicroTech SmartSource WSHP, Version 2.0
Software Part Number

3/29/2024
2507441020

Controller Name

MT2300 Series

Hardware Part Number (Baseboard)

910384405

Hardware Part Number (I/O Board)

910384386

Files

MT2300_WSHP 2507441020.hex

03/04/2024

MT2300_WSHP 2507441020.zip

03/04/2024

Installation Files: [MT2300 Series WSHP Software](#)

- Access to the link requires a Microsoft 365 (M365) or Microsoft Account (MSA)
- To register for a free MSA account, go to <https://account.microsoft.com>

Source Archive

Source stored in Daikin Azure DevOps Git Repository: MT2300_WSHP

Version 2.0 Modifications

- Added support for SmartSource Two Compressor (SS2C) WSHP unit types.
- Added Compressor 1 and 2 High Discharge Temperature alarm support.
- Corrected output sequencing logic to request Electric Heat 1 before Electric Heat 2. This sequence was backward in v1.0 software after an A2L refrigerant leak alarm had been cleared.
- Corrected the Room Temperature Sensor Fail alarm so it is no longer enabled for hot gas reheat (HGR) option.
- Modified HGR to wait for correct output status before its function is complete. This allows the compressor high capacity (Series2 unit) and the compressor 2 (SS2C unit with compressor 2 selected as lag) outputs to turn ON after the HGR output is in the fully open position.

Production, TRC/Aftermarket, and Marketing Notes

- Released with I/O expansion board software PN 2507442020.
- Supports BACnet communication module firmware PN 2507443020.
- The MT2300 controller and MT2310 expansion board support units using low-GWP R32 refrigerant.
- The MT2300 hardware and software applications are not backward compatible with MicroTech III WSHPs.

Factory Production:

- Update test stand software.
- Refer to OM 1362 for MT2300 WSHP software download and programming procedures.

TRC and Aftermarket:

- Refer to OM 1362 for MT2300 Series software download and programming procedures.

Marketing:

- Update MicroTech SmartSource WSHP OM 1364 and related product literature.
 - Add SmartSource Two Compressor (SS2C) control support.
 - Add Compressor 1 and 2 High Discharge Temperature alarm support.

Quality Checklist

Controller Code Testing: Complete

Documentation: Complete

DVT UV 2.0.0 Test Report: Pass

03/25/2024

BACnet Testing: Complete

Factory Download Instructions: Complete

TRC and Aftermarket Instructions: Complete

Distribution List

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Previous Release

Version 1.0

- Initial release to production.
- Application software for the MT2300 base board replacement for the MicroTech III WSHP controller.
- The MT2300 controller and MT2310 expansion board supports units using low-GWP refrigerant R32.
- The MT2300 WSHP hardware and software is not backward compatible with MicroTech III WSHPs.
- Software supports the SmartSource (Series2) WSHP application.
- Base board hex file built on 11-30-2022 at 08:12:59.
- Released with I/O expansion board firmware PN 2507442010
- Released with BACnet communication module firmware PN 2507443010