



Manufacturer: World Wide Programming B.V.
Model: WWP Panel Climate v1.0
Device Type: Software module - WWP Home Config

CONTACT SUPPORT: (please fill out carefully)

COMPANY NAME:	World Wide Programming B.V.
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NOTES:	Website: https://www.worldwideprogramming.nl . Support in English and Dutch; please include the processor model, firmware and the Status / License_Status text of WWP Core.

GENERAL INFORMATION

SIMPLWINDOWS NAME:	WWP Panel Climate v1.0
CATEGORY:	User Interface
VERSION:	1.0
SUMMARY:	Climate of the routed room and the climate overview of all rooms for one touch panel (contract smart objects Climate and ClimateOverview).
GENERAL NOTES:	One instance per touch panel. All WWP Panel modules of one panel share the same Panel_Number; the room that panel is routed to (WWP Panel Rooms) decides what this module shows. Signal names follow the WWP Panel UI contract (CH5), so the module can be wired straight to the panel smart object. Temperatures in tenths of a degree C. The setpoint is passed straight through to the WWP Climate Bus; the panel displays only the setpoint feedback, so SIMPL / the thermostat stays master. Mode_Fb: 1 = heat, 2 = cool, 0 = none. Smart object on the WWP Panel UI: Climate + ClimateOverview. Requirements: WWP Core (once per program) and the SIMPL# library WwpConfig.clz in the same folder as the program. All WWP modules communicate with each other inside the processor; no extra wiring between modules is needed. Start-up: the module does not send any commands to devices at boot. After the configuration is loaded it only publishes the current state (names, visibility, feedback) so panels and logic are correct straight away. Licensing: part of the commercial WWP Home Config package (licenses S / M / L, 7-day trial per processor). See "WWP Home Config v1.0 Help.pdf" for the



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	complete system description.
CRESTRON HARDWARE REQUIRED:	4-Series control system (developed and tested on RMC4). 3-Series is not supported.
SETUP OF CRESTRON HARDWARE:	4-Series control system. Copy WwpConfig.clz next to the .smw program, add WWP Core once, then add the WWP modules you need. Load the program, open the web configuration (http://<processor-ip>:8090/) and enter the rooms, devices and panels.
VENDOR FIRMWARE:	N/A - software module (no third-party device).
VENDOR SETUP:	In the web configuration: Rooms > Climate.
CABLE DIAGRAM:	N/A - logic module, no device connection.

CONTROL:

<u>Signal/Function Name</u>	<u>D,S,A</u> <u>Digital, Serial, Analog signal property - description</u>
Heat	D From Climate.Heat: select heat mode for the routed room.
Cool	D From Climate.Cool: select cool mode.
Room_Heat[1-100]	D From ClimateOverview.RoomNNN_Heat.
Room_Cool[1-100]	D From ClimateOverview.RoomNNN_Cool.
Setpoint	A From Climate.Setpoint: new setpoint for the routed room (tenths of C).
Room_Setpoint[1-100]	A From ClimateOverview.RoomNNN_Setpoint: new setpoint for room n.

FEEDBACK:

Visible	D To Climate.Visible: routed room has climate.
Mode_Visible	D To Climate.Mode_Visible: room has heat / cool selection.
Heating_Fb	D To Climate.Heating_Fb.



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Cooling_Fb	D	To Climate.Cooling_Fb.
Room_Mode_Visible[1-100]	D	To ClimateOverview.RoomNNN_Mode_Visible.
Room_Heating_Fb[1-100]	D	To ClimateOverview.RoomNNN_Heating_Fb.
Room_Cooling_Fb[1-100]	D	To ClimateOverview.RoomNNN_Cooling_Fb.
Setpoint_Fb	A	To Climate.Setpoint_Fb.
Temperature_Fb	A	To Climate.Temperature_Fb.
Mode_Fb	A	To Climate.Mode_Fb.
Room_Setpoint_Fb[1-100]	A	To ClimateOverview.RoomNNN_Setpoint_Fb.
Room_Temperature_Fb[1-100]	A	To ClimateOverview.RoomNNN_Temperature_Fb.
Room_Mode_Fb[1-100]	A	To ClimateOverview.RoomNNN_Mode_Fb.

PARAMETERS:

Panel_Number	A	Panel number in the WWP config (panels[].nr). Default 1. Use the same number on every WWP Panel module of one touch panel.
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TESTING: (please fill out carefully)

OPS USED FOR TESTING: RMC4 - firmware 2.8005.00031

SIMPL WINDOWS USED FOR TESTING: 4.3200.02.01



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DEVICE DB USED FOR TESTING:	200.470.001.00
CRES DB USED FOR TESTING:	228.60.002.00
SYMBOL LIBRARY USED FOR TESTING:	1244
SAMPLE PROGRAM:	WWP Software-InterfaceDemo (touch panel: WWPIInterfaceDemo_v1.ch5z, contract WWPIInterfaceDemo.chd)
REVISION HISTORY:	v1.0 - initial release.