

IVT Rego 400, 411, 412 Controllers

05

Updated: 2022-08-06

LW = Ground source Liquid/Water pump
 AW pump = Air/Water pumps, EW pump = Exhaust Air pumps

| IDX | NAME | TYPE | DESCRIPTION |
|------|---------------------|---------------|---|
| 0002 | Radiator Forward | Temp Sensor | Water feed out to radiators |
| 0003 | Heat carrier Return | Temp Sensor | HP internal heat carrier return. |
| 0004 | Heat carrier Forwrd | Temp Sensor | HP internal heat supply forward |
| 0007 | Outdoor | Temp Sensor | Outdoor sensor |
| 0008 | Indoor | Temp Sensor | Temp of indoor sensor [if installed] |
| 0009 | Warm water 1 / Top | Temp Sensor | Warm water tank temp GT3 (For internal Tank) |
| 000A | Warm water 2 / Mid | Temp Sensor | Warm water tank temp GT3X (For external tank if installed) (*2 |
| 000B | Hot gas / Compr. | Temp Sensor | Hot gas from compressor before expansion valve |
| 3104 | Add heat status | Percent usage | Applied Additional Electrical heater to support compressor. Commonly 9kW max. |
| 0107 | Heating setpoint | Temp variable | Target temp for heating |
| 0111 | Warm water setpoint | Temp variable | Target temp for warm tap water. |
| 1A01 | Compressor | Status | 0=Off, 1=On |
| 1A05 | Pump Heat circuit | Status | Internal circulation pump. 0=Off, 1=On |
| 1A06 | Pump Radiator | Status | Radiator pump. 0=Off, 1=On |
| 1A09 | Fan | Status | Status of exhaust Fan |
| 1A0A | High Pressostat | Status | Status if High Presostat, see HP user manual |
| 1A0B | Low Pressostat | Status | Status if Low Presostat, see HP user manual |
| 1A0E | Shunt open | Status | Shunt motor open signal |
| 1A0F | Shunt close | Status | Shunt motor closing signal |
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- H66 Only
- H60 Only

1. See Energy Control guides in user manual and HP user manual to learn how to use the EXT ports

Note that EXT for Rego600 can have unpredicted behaviour depending on onther settings and Rego version.

2. For uninstalled sensors, temp will show up as -49 degrees

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