

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

Table for LW pumps (1130, 1230 etc)

IDX	NAME	TYPE	DESCRIPTION
0001	Radiator Return	Temp Sensor	Water feed return from radiators M2.7
0004	Heat carrier Forwrd	Temp Sensor	HP internal heat supply forward M2.0
0005	Brine in/Evaporator	Temp Sensor	Supply in from ground source M5.0
0006	Brine out/Condenser	Temp Sensor	Supply out to ground source M5.0
0007	Outdoor	Temp Sensor	Outdoor sensor M4.0
0008	Indoor	Temp Sensor	Temp of indoor sensor for heating circuit 1 M6.0 [if installed]
0009	Warm water 1 / Top	Temp Sensor	Warm water tank, top sensor
000A	Warm water 2 / Mid	Temp Sensor	Warm water tank, mid sensor M1.0
000B	Hot gas / Compr.	Temp Sensor	Hot gas from compressor before expansion valve M5.11
000C	Suction gas	Temp Sensor	Suction gas after expansion valve M5.13
000D	Liquid flow	Temp Sensor	Temp after expansion valve. M5.12
0011	Pool	Temp Sensor	Pool temp if installed M11.1
0020	Radiator Forward 2	Temp Sensor	Feed to radiators for heat circuit 2 M3.0 [if installed]
0203	Room temp setpoint	Set temp	Set room temp [if Indoor sensor in installed] M6.0
2204	Room sensor influence	Set temp	Set how much room temp should influence heating M6.1 (if Indoor sensor in installed)
2205	Heat set 1, CurveL	Number	Set heat curve coefficient M2.1
2207	Heat set 3, Parallel	Number	Set heat curve offset M2.2
2222	Heat set 1, CurveL 2	Number	Set heat curve coefficient for circuit 2 M3.1 [If installed]
2224	Heat set 3, Parallel 2	Set Status	Set heat curve offset for circuit 2 M2.2 [If installed]
0212	Warm water start temp	Set temp	Set start temp (lowest) for tap hot water M1.4
0208	Warm water stop temp	Set temp	Set stop temp (highest) for tap hot water M1.5 (too high may trigger Pressostat alarm)
4101	Load L1	Ampere	Phase 1 current draw where transformer is installed (heat pump or whole house) [if installed]
4102	Load L2	Ampere	Phase 2 current draw where transformer is installed (heat pump or whole house) [if installed]
4103	Load L3	Ampere	Phase 3 current draw where transformer is installed (heat pump or whole house) [if installed]
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
8105	Degree min/integral	Temp variable	
1A01	Compressor	Status	0=Off, 1=On
1A02	Add heat step 1	Status	0=Off, 1=On. Normally 3kW step
1A03	Add heat step 2	Status	0=Off, 1=On. Normally 6kW step
1A04	Pump Cold circuit	Status	Ground source pump. 0=Off, 1=On (LW pumps only)

1A05	Pump Heat circuit	Status	Internal circulation pump. 0=Off, 1=On
1A06	Pump Radiator	Status	Radiator pump. 0=Off, 1=On
1A07	Switch valve 1	Status	Switch valve position 0=Radiator heating, 1=Hot Water heating
1A20	Alarm	Status	Pump alarm. >0 = Alarming

Table for EW pumps (360P) & AW Pumps

IDX	NAME	TYPE	DESCRIPTION
0003	Heat carrier Return	Temp Sensor	HP internal heat carrier return EW Only
0004	Heat carrier Forwrd	Temp Sensor	HP internal heat supply forward
0005	Brine in/Evaporator	Temp Sensor	Supply in from ground source for LW pumps, Evaporator for EW pumps
0007	Outdoor	Temp Sensor	Outdoor sensor BT1
0008	Indoor	Temp Sensor	Temp of indoor sensor for heating circuit 1 BT50 [if installed]
000A	Warm water 2 / Mid	Temp Sensor	Warm water tank, mid sensor BT6
000B	Hot gas / Compr.	Temp Sensor	Hot gas from compressor before expansion valve LW-BT14, EW-BT18
000F	Air intake	Temp Sensor	Air Intake för EW pumps
0010	Air Outlet	Temp Sensor	Air Outlet för EW pumps
0012	Pressure tube	Temp Sensor	
2205	Heat set 1, CurveL	Number	Set heat curve coefficient M2.1
2207	Heat set 3, Parallel	Number	Set heat curve offset M2.2
1209	Extra Warm Water	Minutes	Set minutes for the Extra warm water feature to be activated
1A09	Fan	Status	Ground source pump. 0=Off, 1=On (LW pumps only)
0107	Heating setpoint	Kw usage	Kilowatt usage of variable compressor operations
4101	Load L1	Ampere	Current draw where transformer is installed (heat pump or whole house) [if installed]
3104	Add heat status	Percent usage	Applied Additional Electrical heater to support compressor. Commonly 9kW max.
1A01	Compressor	Status	Compressor 0=Off, 1=On
1A02	Add heat step 1	Status	0=Off, 1=On. Normally 3kW step
1A03	Add heat step 2	Status	0=Off, 1=On. Normally 6kW step
1A19	Add heat step 3	Status	0=Off, 1=On. Normally 3kW step
1A04	Pump Cold circuit	Status	Internal circulation pump. 0=Off, 1=On
1A05	Pump Heat circuit	Status	Radiator pump. 0=Off, 1=On
1A06	Pump Radiator	Status	Radiator pump. 0=Off, 1=On
1A0C	Heating cable	Status	Heating cable outdoor unit LW pumps
1A20	Alarm	Status	Pump alarm. >0 = Alarming

white	Read only variable
blue	Read/Write variable
yellow	H66 Only
light green	H60 Only

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

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