

IDX	NAME	Type	DESCRIPTION	LW	AW	EW	Module
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				
0005	Brine in/Evaporator	Temp Sensor	Supply in from ground source for LW pumps, Evaporator for AW & EW pumps.				
0006	Brine out/Condenser	Temp Sensor	Supply out to ground source for LW pumps, Condenser for AW & EW pumps.				
0007	Outdoor	Temp Sensor	Outdoor sensor				
0008	Indoor	Temp Sensor	Temp of cable connected indoor sensor for heating circuit 1 if installed				Room
0021	Indoor 2	Temp Sensor	Temp of cable connected indoor sensor for heating circuit 2 if installed (RC100)				Room
3024	Humidity	Percent	Humidity if using RC100H indoor controller				Room
0009	Warm water 1 / Top	Temp Sensor	Warm water tank, top sensor				
000A	Warm water 2 / Mid	Temp Sensor	Warm water tank, mid sensor				
000B	Hot gas / Compr.	Temp Sensor	Hot gas from compressor before expansion valve				
000C	Suction gas	Temp Sensor	Suction gas after expansion valve				
000E	Air intake	Temp Sensor	Air Intake for EW pumps			EW	
0014	Compressor	Temp Sensor	Compressor temperature				
0020	Radiator Forward 2	Temp Sensor	Feed to radiators for heat circuit 2 if MM100 installed				MM100
0011	Pool	Temp Sensor	Pool temp if installed MP100 module				MP100
0A10	Drain Pan	Temp Sensor	Drain pan temp for AW Pumps		AW		
3109	Circ pump speed	Percent usage	Variable speed for circulation pump	LW			
3110	Brine pump speed	Percent usage	Variable speed for Ground source brine pump (LW pumps only)				
9112	Compressor power	Kw usage	Current power output produced by the compressor.				
3108	Compressor speed	Percent usage	Speed of variable compressor operations (% same as Hz)				
0107	Heating setpoint	Temp variable	Target temp for heating				
0111	Warm water setpoint	Temp variable	Target temp for warm tap water.				
3104	Add heat status	Percent usage	Applied Additional Electrical heater to support compressor. Commonly 9kW max.				
C130	Power draw HP	Watt	Power usage supported by newer models of pumps. Will add to CFAA Power Consumption.				MM100
3128	Shunt 2	Percent position	Shunt position for secondary heat circuit (if MM100 installed)				MP100
3127	Shunt Pool	Percent position	Shunt position for Pool (if MP100 module installed)				MP100
1A01	Compressor	Status	0=Off, 1=On				
1A04	Pump Cold circuit	Status	Ground source pump. 0=Off, 1=On (LW pumps only)	LW			
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				
2A08	Switch valve 2	Status	4-way defrost valve position (not working on all pumps)		AW		
1A09	Fan	Status	Status of FAN 0=Off, 1=On for EW pumps			EW	
1A20	Alarm	Status	Pump alarm. 1=Alarming				
BA91	Alarm Code	Status	Showing pump latest error code				
2201	Operating mode 1	Set Status	Heat circuit 1 mode: (see below for HMI/HMC meaning) HMI: 0=Off, 1=Manual, 2=Auto(if time program is enabled) HMC: 0=Optimized, 1=Auto (Time program)				
2202	Operating mode 2	Set Status	Heat circuit 1 Heating/Cooling mode. 0=Constant off (R2000), 1=Auto, 2=Constant heating				
0203	Room temp setpoint	Set temp	Room temp if Indoor sensor if installed and/or display in Manual/Optimized mode				
2204	Room sensor influence	Set temp	Set how much room temp should influence heating (if Indoor sensor is installed)				
0220	Room temp setpoint 2	Set temp	Room temp for Heating Circuit 2 if installed				MM100
0205	Heat set 1, CurveL	Set temp	Heat Curve Base Point temperature for heat circuit 1				
0206	Heat set 2, CurveR	Set temp	Heat Curve End Point temperature for heat circuit 1 when using Radiator heating				
020E	Heat set 4, DesignR	Set temp	Heat Curve End Point temperature for heat circuit 1 when using Floor heating				
020C	Program room temp	Set temp	Room temp setting if sensor if installed and display is in Program mode (AW pump only)				
0222	Heat set 1, CurveL 2	Set temp	Heat Curve Base Point temperature for heat circuit 2				MM100
0223	Heat set 2, CurveR 2	Set temp	Heat Curve End Point temperature for heat circuit 2				MM100
0214	Cooling temp setpoint	Set temp	Heat circuit 1 cooling temp (if cooling circuit is installed and enabled)				
020A	Summer mode	Set temp	Set temp from where pump should block heating because it is summer.				
1231	Extra Warm Water stat	Set Status	Set to 1 to turn on Extra warm water. Time active is as set in display.				
2213	Warm Water program	Set Status	Warm water program mode. (see below for HMI/HMC meaning) HMC: 0=Off, 1=ECO, 2=Comfort HMI: 0=Off, 1=Normal, 2=Comfort, 4=TimeProg, 5=Eco+				
2215	Elec. Heater	Set Mode	Enable(1) or Disable(0) the built in Electrical additional heater (may not work on EW pumps)				
321A	Fan speed	Set percent	Set fan speed for EW pumps.			EW	
2227	Limit Compressor	Set Mode	Service menu, AUX: 0=0kw, 1=2kW, 3=4kW (varies on models, check yourself)				
2228	Limit Auxiliary Heat	Set Mode	Service menu, AUX: 0=0kw, 1=2kW, 3=4kW, 4=6kW, 5=9kW (varies on models, check yourself)				
2229	Limit Hot Water	Set Mode	Service menu, AUX: 0=0kw, 1=2kW, 3=4kW, 4=6kW, 5=9kW (varies on models, check yourself)				
2229	Pool temp setpoint	Set temp	Set Pool temp of Pool module MP100 is installed				MP100
2233	External control	Set Status	For Non EW pumps. Activate ext control input 1 to block heat pump operations. 1=Act. 0=off (*1	LW	AW		
2234	External control 2	Set Status	For Non EW pumps. Activate ext control input 2 to block heat pump operations. 1=Act. 0=off (*1	LW	AW		
2235	External control 3	Set Status	For Non EW pumps. Activate ext control input 3 to block heat pump operations. 1=Act. 0=off (*1	LW	AW		
2236	External control 4	Set Status	For Non EW pumps. Activate ext control input 4 to block heat pump operations. 1=Act. 0=off (*1	LW	AW		
02F1	Room Temp Controller	Set temp	If Room controller Emulation is enabled, here you set simulated indoor temp				
32F5	Room Humid Controller	Set percent	If Room controller Emulation is enabled, here you set simulated humidity (RC100H)				
6C50	Total op. time	Time Hours	Total time HP was turned on				
5C51	Supp energy tot	kWh usage	Energy supplied totally				
5C52	Supp energy heating	kWh usage	Energy supplied for heating				
5C53	Supp energy hotwater	kWh usage	Energy supplied for hot water production				
5C54	Compr. consump. tot	kWh usage	Compressor consumed totally				
5C55	Compr. cons. heating	kWh usage	Compressor consumed for heating				
5C56	Compr. cons. hotwat	kWh usage	Compressor consumed for hot water production				
5C57	Aux consumption tot	kWh usage	Electrical additional heater consumed totally				
5C58	Aux cons. heating	kWh usage	Electrical additional heater for heating				
5C59	Aux cons. hot water	kWh usage	Electrical additional heater consumed for hot water production				
6C60	Compr. Runtime	Time Hours	Compressor total runtime				
2C61	Compr. Starts	Counter	Compressor total starts				

white Read only variable
blue Read/Write variable

Please set HMI / HMC type of pump controller mode in settings
HMI = Rego 3000/3100 Touch colour display
HMC = Rego 2000, black/white display with buttons

List is for H66

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

Note that some variable may not be visible depending on heat pump type and accessories attached.

© 2025 Husdata.se