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IVT Rego 2000 / 3000 Controller
Bosch Pro Control 600 / 800 Controller

LW = Ground source Liquid/Water pump

AW pump = Air/Water pumps, EW pump = Exhaust Air pumps

Firmware:330116

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
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
0021	Indoor 2	Temp Sensor	Temp of wireless indoor sensor for heating circuit 1 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
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 för EW pumps
0020	Radiator Forward 2	Temp Sensor	Feed to radiators for heat circuit 2 if installed
0011	Pool	Temp Sensor	Pool temp if installed
3109	Circ pump speed	Percent usage	Variable speed for circulation pump
3110	Brine pump speed	Percent usage	Variable speed for Ground source brine pump (LW pumps only)
9108	Compressor speed	Kw usage	Kilowatt usage of variable compressor operations
3108	Compressor speed	Percent usage	Speed of variable compressor operations
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.
3128	Shunt 2	Pecent position	Shunt position for secondary heat circuit (if MM100 installed)
1A01	Compressor	Status	0=Off, 1=On
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
1A0C	Heating cable	Status	Heating cable for outdoor inut, AW pumps only 0=off, 1=on
1A20	Alarm	Status	Pump alarm. 1=Alarming
2A91	Alarm Code	Status	Showing pump latest error code
2201	Operating mode 1	Set Status	Heat circuit 1 operational mode. 0=Optimized, 1=Auto

2202	Operating mode 2	Set Status	Heat circuit 1 Heating/Coolin mode. 0=Constant off, 1=Auto, 2=Constant heating
0203	Room temp setpoint	Set temp	Set room temp if Indoor sensor in installed
2204	Room sensor influence	Set temp	Set how much room temp should influence heating (if Indoor sensor in installed)
0205	Heat set 1, CurveL	Set temp	Set heat circuit 1 heating temp
0206	Heat set 2, CurveR	Set temp	Set heat circuit 1 ECO mode heating temp
1231	Extra Warm Water stat	Set Status	Set to 1 to turn on Extra warm water. It will be active for as long as the time set in display.
2213	Warm Water program	Set Status	Warm water program. 0=Off, 1=ECO, 2=Comfort for R2000, 1=Norm, 2=Comf, 5=Eco+ for R3000
2227	Limit Comressor	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)
2215	Elec. Heater	Set Mode	Enable(1) or Disable(0) the built in Electrical additional heater (may not wotk on EW pumps)
2233	External control	Set Status	For Non EW pumps. Activate ext control input 1 to block heat pump operations. 1=Act. 0=off (*1
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
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
	H66 Only
	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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