

Thermia / Danfoss 910510, 901910 Controller

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

IDX	NAME	TYPE	DESCRIPTION
0001	Radiator Return	Temp Sensor	Water feed returning from radiators
0002	Radiator Forward	Temp Sensor	Water feed out to radiators
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
0009	Warm water 1 / Top	Temp Sensor	Warm water tank, top sensor
0012	Pressure tube	Temp Sensor	Temp after compressor before expansion valve
0013	Cooling	Temp Sensor	Temp for cooling circuit [If installed]
8105	Degree min/integral	Temp variable	Regulation delay variable. See users manual.
0107	Heating setpoint	Temp variable	Target temp for heating
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)
0208	Warm Water stop temp	Set temperature	Set highest temperature for hot water.
2201	Operating mode 1	Set Status	Operational mode. 0=All off, 1=Auto, 2=Normal, 3=Add heat only, 4=Hot water only
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 curve temp
0206	Heat set 2, CurveR	Set temp	Set heat curve MAX temp
0211	Heating setpoint/start	Set temp	Set heat stop temp
0212	Warm Water start temp	Set temp	Set lowest temperature for hot water.
0214	Cooling temp setpoint	Set temp	Set cooling temp level [If installed], see manual for ground source cooling option.
0217	Outdoor temp offset	Set temp	Set temp offset to modify actual outdoor temperature.
0233	External Control	Set temp	Set the Reduction / Sänkning of temperature when EVU input has 10kOhm. See Thermia manual.
1A01	Compressor	Status	0=Off, 1=On
1A04	Pump Cold circuit	Status	Ground source pump. 0=Off, 1=On (LW pumps only)
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
3104	Add heat status	Percentage	Applied Additional Electrical heater to support compressor. Commonly 9kW max.
1A20	Alarm	Status	Pump alarm. 1=Alarming
2A91	Alarm Code	Number	The active alarm code. Ex 10=HP, 40=Motor protector.

6C60	Compr. Runtime	Hours	Compressor total runtime
6C63	Aux Runtime	Hours	Electrical 3kW heater total runtime
6C66	Aux Runtime2	Hours	Electrical 6kW heater total runtime
6C64	Warm water runtime	Hours	Total time producing hot water.

white	Read only variable
blue	Read/Write variable

List is for H66 Only