Mono Energy (Single energy) - Electricity for heat pump and buffer tank immersion **Mono valen**t - Heat pump only

Bivalent-renew -Heat pump + Immersion + Independent second heat source(eg: Solar/Pellet boiler/etc not controlled by heat pump)

Bivalent-alternative - Heat pump (priority) + Dependent boiler (eg: when temperature reaches 0 degree, switch over to the boiler)

Bivalent-parallel - Heat pump (primary) + Boiler (support) (eg: when temperature is low, turn on boiler for support)

Air Pg1

PRE-CONFIGURATION

- To define heating circuit configuration
- Press & hold ESC key, then Menu key
- Press & hold ESC key to exit

OPERATING MODE
Mono Energy
/ Monovalent - HP only
/ Bivalent - renew
/ Bivalent - alternate
/ Bivalent - parallel

HEATING CIRCUIT 1 **YES**/NO

HEATING CIRCUIT 2 YES/**NO**

DHW PREPARATION **YES**/NO

YES

DHW PREPARATION REQUEST BY **SENSOR** /THERMOSTAT

DHW PREPARATION FLANGE HEATER **YES**/NO

SWIMMING POOL YES/**NO**

CONFIGURATION -To program parameter -Press and hold RTN & MENU key

USER MENU -To program parameter -Press and hold MENU key

All user-menu accessible options are framed in blue

SETTINGS

OPERATING DATA

HISTORY

OUTPUTS

INPUTS

SPECIAL FUNCTIONS

MODEM

See next page

EXT TEMP. 17.7ºC

RTN SET TEMP HC1 27ºC

RTN TEMP HC1 33.6ºC

FLOW TEMP Heatpump 33.0ºC

HEATING REQUEST YES/**NO**

POWER STAGE 1

DHW SET TEMP 50ºC

HW TE-99.9ºC *WP GEO TD3 WFZ NEZ AU ....

HOTWATER REQUEST NO

CODING AIR HP

CONTR. HEATING N01
PROG.V: WPM_H_H54
BOOT: 0301 BIOS: 0345

SUMMER TIME
HRS: 14 MIN: 34
Clock Change **YES**/NO

OPERATION

HEAT PUMP

2ND HEAT GENERATOR

HEATING CIRCUIT 1

HOT WATER

PLANT PUMP CONTROL

Date: Year: 08
Day: 09 Month: 09
Weekday FRI

LANGUAGE
English
Deutsch

OPERATING MODE:
AUTO/SUMMER
/2ND HEAT GEN
/PARTY/VACATION

PARTY MODE
NO OF HOURS
04

VACATION MODE
NO OF DAYS
15

HG2 LIMIT VALUE **0.0ºC**

AUX PUMP HEATING **YES**/NO

AUX PUMP DHW **YES**/NO

Plant optimization Heating Circ. Pump **YES**/NO

NO OF COMPRESSORS**1**/2

OPERATING TEMP LIMIT **-25ºC**

HIGH PRESSURE SWITCH NC/NO CONTACT

LOW PRESSURE **NC**/NO CONTACT

HYSTERESIS **2.0K**

Parallel Heat DHW YES/**NO**

HW SET TEMP **50ºC**

HW BLOCK

THERM. DISINFECTION

RESET HP MAXIMUM YES/**NO**

HC1 Controlled by External temp. /Room temp. /Fixed set point

HC1 HEATING CURVE
END POINT (**-20ºC**)
40ºC

HC1 Return Flow Max temp **50ºC**

HC1 HYSTERESIS RETURN SET TEMP. **2.0K**

HC1 TIME PROGRAMME LOWER

HC1 TIME PROGRAMME RAISE

Hot water Block

TIME1: 00:00-00:00
TIME2: 00:00-00:00

MO TU WE TH FR SA SU
Y Y Y Y Y Y Y

Hot water Heating by Heatpump

START: 04:59

TEMP: **60ºC**

MO TU WE TH FR SA SU
N N N N N N Y

Immersion Heating

Time1: 00:00 - 00:00
Time2: 00:00 - 00:00

Lower Value 04K

MO TU WE TH FR SA SU
N N N N N N N

Time1: 08:00 - 12:00
Time2: 13:30 - 23:59

Lower Value 05K

MO TU WE TH FR SA SU
N N N N N N N

Pure Energy TECHNOLOGY LTD.
RENEWABLE ENERGY SOLUTIONS
Unit 1 Grange Business Park, Fedamore, Co. Limerick
Tel: 061 390 000
Fax: 061 390 020
Web: www.pet.ie
Technical Support 1570 205 800

CONFIGURATION

-To program parameter
-Press and hold RTN key, then MENU key

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MODEM

..... See previous page .....

PRESSOR 1 TIME HOURS

VENTILATOR RUN TIME 00085 HRS

HOTWATER PUMP RUN TIME 00000 HRS

ALARM MEMORY NO2
13:38 19/09/08
Low pressure

ALARM MEMORY NO1
23:26 08/07/08
High pressure

INITIATE HEATING
START 00:00 00.00
END 00:00 00.00

SCREED DRYING
START: 00:00 00.00
END: 00:00 00.00

2ND HEAT GENERATOR RUNTIME 0024 HRS

HEATING CIRC. PUMP RUN TIME 00380 HRS

FLANGE HEATER RUN TIME 00174 HRS

COMPRESSOR 1 ON

VENTILATOR ON

2ND HEAT GENERATOR OFF

HEATING CIRC PUMP ON

AUX. PUMP OFF

HW PUMP Off

FLANGE HEATER OFF

LOW PRESSURE PRESSURE SWITCH CONTACT CLOSED

HIGH PRESSURE PRESSURE SWITCH CONTACT CLOSED

DEFROST END PRESSURE SWITCH CONTACT OPEN

MOTOR PROTECTION COMPRESSOR CONTACT CLOSED

MOTOR PROTECTION VENTILATOR CONTACT CLOSED

UTILITY BLOCK (EVU) CONTACT CLOSED

EXT DISABLE CONT. CONTACT CLOSED

Air Pg 2

QUICK START YES/**NO**

START UP YES/**NO**

SYSTEM CONTROL

INITIAL HEATING PROGRAMME

SERVICE oD

PRIMARY SIDE YES/NO

SECONDARY SIDE YES/NO

HW PUMP YES/**NO**

MIXER YES/**NO**

TEMP

DHW SWIM. POOL ACTIVE YES/**NO**

INITIAL HEATING YES/**NO**

STANDARD PROG. SCREED DRYING YES/**NO**

INDIVIDUAL PROG. HEATING-UP PERIOD **024** HOURS

INDIVIDUAL PROG. MAINTAINING TIME **024** HOURS

INDIVIDUAL PROG. HEATING- DOWN PERIOD **024** HOURS

INDIVIDUAL PROG. HEAT UP DIFF.TEMP. **05K**

INDIVIDUAL PROG. HEAT DOWN DIFF. TEMP **05K**

INDIVIDUAL PROG. SCREED DRYING YES/**NO**

BAUD RATE **19200**

ADDRESS **001**

PROTOCOL **REMOTE** /LOCAL / GSM /MODBUS

PASSWORD **1234**

PHONE NUMBER **009221709468**

DIALING METHOD **TONE**/PULSE

NO OF RINGS BEFORE MODEM ANSWERS **1** (0=NO ANSWER) 0-9

MANUAL DIALING YES/**NO**

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