joule
Manufacturing Excellence

Heat Pump Commissioning Sheet

Site Contact	Installer Contact
Site Address	**Installer Address**

Outdoor Unit Information

Model Number	Serial Number
Unit Location	

Strainer		Glycol Added		Glycol Concentration	
Fuse Rating		Mains Cable Size		Space Around Unit	
Drainage For Outdoor Unit		Unit Correctly Mounted		Flow & Return Lines Insulated	
Water System Flushed		Water System Filled & Purged		Flow Switch fitted	

*Glycol level around 20% check with glycol manufacture for details

Refrigerant Piping for Split System

Strength Pressure		Tightness Test Pressure	bar	Vacuum Level	torr
Refrigerant Piping Length		Additional Charge Amount	kg	Total System Charge	kg

Outdoor Unit Operation Data

Power Supply		Running Amps		Delta T (ΔT)	
Ambient Temp		Air On Temp		Air Off Temp	
Flow Temp In		Flow Temp Out			

Heating Controls

Ground Floor Heat Emitter		Type of Control Used		Serial Number	
1st Floor Heat Emitter		Type of Control Used		Blending Valve Fitted	

Type of control i.e. Underfloor heating system, programmable room stat, etc

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Unit 17C&D Power Road, Plantation Bus. Pk.,
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Phone 016237080

Tank And Mim Unit Data

Tank Manufacture		Model Number		Serial Number	
DHW Storage		Solar Installed		Blending Valve Fitted	
Control Box Location		Benchmark Book Completed		Tank Sensor Fitted	
Fuse Rating For Mim Unit		Cable Size		Vented Or Unvented	
Immersion Heater Volts		Flow & Return Lines Insulated			

Space Heating Field Settings

Menu Code	Function	Default	Site Settings
2011	Low Ambient temp for weather comp	-10	
2012	High Ambient temp for weather comp	+15	
2021	Flow temperature at low ambient point (2011) Zone 1	+40	
2022	Flow temperature at high ambient point (2012) Zone 1	+25	
2031	Flow temperature at low ambient point (2011) Zone 2	+50	
2032	Flow temperature at high ambient point (2012) Zone 2	+35	
2091	External Run input for Zone 1 (Room stat) (0=No 1=Yes)	0 (No)	
2092	External Run input for Zone 2 (Room stat) (0=No 1=Yes)	0 (No)	

Domestic Hot Water and Heat Pump Settings

Menu Code	Function	Default	Site Settings
3011	Hot water cylinder fitted (0= No 1=Yes)	0	
3021	Heat Pump Max Temp for DHW	50	
3024	Min. space heating time	5	
3025	Max. cylinder heating time from heat pump before turning back to heating zones*	30	
3032	Max. cylinder heating time from heat pump before turning on immersion to support it**	20	
3041	Anti-Legionella function (0=Off 1=Yes)	1	
3042	Day of Anti-Legionella Function	Friday	
3043	Start Time of Anti Legionella function	23 Hrs	
3044	Target Temp	70	
3045	Hold Time at 3041	10	
3051	Hotwater Boost Function (0=Off 1=On)	0	
3052	Hotwater Boost Timer duration x10 Min	6 (1hr)	

*3025 = 200 Ltr Cylinder = 50 *3025 =300 Ltr Cylinder = 90
**3032 = 200 Ltr Cylinder = 50 **3032 =300 Ltr Cylinder = 90

Settings for Twin Heat Pump Installation and Hybrid Systems

Menu Code	Function	Default	Site Settings
4021	Enables control output for back up heat pump (0=No 1=Yes)	0	
4024	Ambient temperature below which the slave will assist	+10	
4031	Tells the Master unit that a backup boiler is fitted (0=No 1=Yes)	0	
4032	Tells the Master unit to use the boiler as back up at the value of 4033. (Set to 1)	0	
4033	Ambient condition for the boiler to be enabled	-15	

Installers Signature

Print Name

Date

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