



**Grant Engineering (UK) Ltd, Frankland Road, Blagrove Industrial Estate, Swindon,  
Wiltshire. SN5 8YG**

**(INSTALLER) R290 AIR SOURCE HEAT PUMP/SMART CONTROLLER  
COMMISSIONING DOCUMENT**

<b>Installation address</b>	
<b>Installer's name, company name and address</b>	

General information	
Installation date	
ASHP model	
Serial number	
Internet & EcoNET configured	
UID registered on EcoNET	
Smart controller serial number	
UID	
LLH, volumiser, buffer or none	
Cylinder make / model	
Cylinder volume	
Cylinder serial number	

System information	
Has the system been flushed	
Has Biocide been added	
Has inhibitor been added	
Design flow temperature	
Design ambient temperature	
Design heat loss	
Design flow rate	
Actual system flow rate	
Open system volume	
Additional pump fitted (Y/N)	
Secondary circulation fitted (Y/N)	

Heating schedule		Day - Night	
		Day - Night	
		Day - Night	
		Day - Night	

DHW schedule		On - Off	
		On - Off	
		On - Off	
		On - Off	
Hot water set temperature			

MCB size (16A, 20A, 32A)	
RCD size and type (F or B)	
DNO permission approved (Y/N)	
Does the condensate discharge safely (Y/N)	
Does the install comply with the designated protective zones (Y/N)	
Antifreeze valves, glycol or none	
Glycol concentration (if used)	

Have the controls and system operation been explained to the customer?	
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Customer's signature		Date	
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**Smart Controller Settings**

System control type (S-Plan, Diverter etc)		Legionella set up (Y/N)	
		- Smart Controller or external timer	
Zone control or open loop		Legionella day and time	
System type (Direct/LLH/Buffer)		<b>If daily legionella protection is required, you must fit a separate immersion timer</b>	

	Circuit 1	Circuit 2	Circuit 3
Heating circuit 1 set up (Y/N)			
Type (Rads/UFH)			
Pump only or mixing valve			
Fixed or weather comp			
Curve settings (incl shift) or fixed temp			
Thermostat type (Touchscreen, Wired Smart, Wireless Smart, Contact, None)			
Thermostat pump blockade (On / Off)			
Decreasing set temperature (if pump blockade off)			
Room temperature correction (default at 0)			
Day Temperature (°C)			
Night Temperature (°C)			
Work Mode (Day, Night, Schedule)			

**Installation comments and recommendations**

Commissioning engineer's name,  
company name and address

Commissioning engineer's signature