

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

	(INSTALLER) R290 AIR SOURCE HEAT PUMP/SMART CONTROLLER COMMISSIONING DOCUMENT		
Installation Address			
Installers Name, Company Name and Address.			
		System information	
General i	information	System bypass been fitted	
nstallation date		System been flushed	
ASHP model		Has biocide been added	
Serial no		Has inhibitor been added	
EcoNET configured		Design flow temperature	
Has it been registered		Design outside air temperature	
Smart controller serial no		Design heat loss	
JID		Additional pump fitted	
LH, Volumiser or Buffer		Primary system volume	
Cylinder details		Hot water set temperature	
Cylinder volume		Secondary circulation fitted	
Serial no.		Secondary circulation clock fitted or	
		set up on smart controller?	
	on - set back	Design flow rate	
	on - set back	Actual system flow rate	
Heating demand times	on - set back	MCB size and type	
	on - set back	RCD type (None, F, B)	
	•	DNO permission approved	
DHW demand times	on - off	Does the condensate discharge	
	on - off	safely	
	on - off on - off	Does the install comply with the designated protective zones	
Have the controls and system operation be	een explained to the	System control (S plan, W plan etc.)	
customer		Zone control or open loop	



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	Smart contr	oller settings	
System type (Direct/LLH/Buffer)		Heating circuit 1 set up	
		Type of emitters (UFH / Rads)	
Has a flow meter been fitted	(Not needed for R290)	Fixed or weather comp	
Has electric meter been enabled		Curve settings (incl shift) or fixed temp	
Number of antifreeze valves		Thermostat make and model	
		Heating circuit 2 set up	
Immersion timer / Smart immersion relay		Type of emitters (UFH / Rads)	
Legionella regime (weekly)		Has a mixing valve been fitted	
If daily legionella protection is required, you must fit a separate		Fixed or weather comp	
immersion timer or set the standard [Curve settings (incl shift) or fixed temp	
Legionella timings	on - off	Thermostat make and model	
-		Heating circuit 3 set up	
Thermostat pump blockade enabled for circuits		Type of emitters (UFH / Rads)	
		Has a mixing valve been fitted	
		Fixed or weather comp	
		Curve settings (incl shift) or fixed temp	
		Thermostat make and model	
Customer's signature		Date	
Customer's signature		Date	
Customer's signature Commissioning engineer's name, company name and address		Date	
Commissioning engineer's name, company		Date	