

	Grant Engineering (UK) Ltd, Frankland Road, Blagrove Industrial Estate, Swindon, Wiltshire. SN5 8YG		
	(INSTALLER) R32 AIR SOURCE HEAT PUMP/SMART CONTROLLER COMMISSIONING DOCUMENT		
Installation Address			
Installers Name, Company Name and Address.			
General information		System information	
Installation date			
ASHP model			
Serial no			
EcoNET configured			
Has it been registered			
Smart controller serial no			
UID			
LLH, Volumiser or Buffer			
Cylinder details			
Cylinder volume			
Serial no.			
Heating demand times		on - set back	
		on - set back	
		on - set back	
		on - set back	
DHW demand times		on - off	
		on - off	
		on - off	
		on - off	
Have the controls and system operation been explained to the customer			
		System bypass been fitted System been flushed Has biocide been added Has inhibitor been added Design flow temperature Design outside air temperature Design heat loss Additional pump fitted Primary system volume Hot water set temperature Secondary circulation fitted Secondary circulation clock fitted or set up on smart controller? Design flow rate Actual system flow rate MCB size and type RCD type (None, F, B) DNO permission approved Does the condensate discharge safely System control (S plan, W plan etc.) Zone control or open loop	



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Smart controller settings

System type (Direct/LLH/Buffer)	
Has a flow meter been fitted	
Has electric meter been enabled	
AntiFreeze valves or glycol used	
Number of AF valves or glycol concentration	

Immersion timer / Smart immersion relay	
Legionella regime (weekly)	
If daily legionella protection is required, you must fit a separate immersion timer	
Legionella timings	on - off
Thermostat pump blockade enabled for circuits	

Heating circuit 1 set up	
Type of emitters (UFH / Rads)	
Fixed or weather comp	
Curve settings (incl shift) or fixed temp	
Thermostat make and model	
Heating circuit 2 set up	
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	
Heating circuit 3 set up	
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	

Installation comments and recommendations

Customer's signature		Date	
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Commissioning engineer's name, company name and address

Commissioning engineer's signature