

APPLIANCE COMMISSION



Technician Visit No. : 4 0 0 0 0 5 5 3 3 5				Site A/C No. : 1 0 0 4 9 8 0 6							
Site : Coppetts Wood Coppetts Wood London N101JS				SELECT Installer Registration No. (new install only)							
Date : 11-Apr-23		'Take a moment' RA : ☒		Commission: ☐		Warranty : ☐					
Engineer Name : Mike Rima		Company : Remeha		Card No. : 4973146		Service / Re-commission : ☒					
Were the appliances already in operation prior to this visit? : Yes						Registration No. : 500403					
Appliance Details	No.1	No. 2	No. 3	No. 4							
Location	Plant room	Plant room									
Make	Remeha	Remeha									
Model	Gas 320 Ace 355	Gas 320 Ace 355									
Input (see badge)	GCV/Hs 370 Kw	GCV/Hs 370 Kw									
Serial No.	2030725029600	2030425010670									
Fuel type	N Gas	N Gas									
Safety Checks (Yes/No/NA)	Combustion Checks		Unit	No.1		No.2		No.3		No.4	
Gas installation tightness tested (by others)	Yes			Part	Full	Part	Full	Part	Full	Part	Full
Gas leakage test - appliance only	Yes	Gas rate (if own meter)	m ³ /h	N/A	N/A	N/A	N/A				
Flue / chimney - to current regulations	Yes	Flow temperature	°C	80.5	77.7	69.5	85				
Flue / chimney outlets satisfactory	Yes	Return temperature	°C	75.9	67.5	64.3	72				
Fan flue interlocks operating correctly	N/A	Heat exchanger temp.	°C	64	73.3	81.1	82.3				
Flue dilution interlocks operating correctly	N/A	Flue gas temperature (net)	°C	70.3	62.7	68.1	77				
		Ambient air temperature	°C	20	19.9	19.3	18.8				
Ventilation type (Yes/No/NA)		Flue gases CO ₂	%	8.1	8.3	8.1	8.3				
Ventilation to current standards	Yes	Flue gases CO	ppm	11	14	10	14				
Boiler room/enclosure low level free area cm ²	5445	CO ₂ / CO ratio		0.0001	0.0004	0.0001	0.0003				
Boiler room/enclosure high level free area cm ²	4652	Flue gases O ₂	%	6.7	6.3	6.7	6.3				
Mechanical Inlet (m ³ /sec)	N/A	Flame ionisation signal	µA	7.3	6.6	7.8	6.6				
Mechanical Outlet (m ³ /sec)	N/A	Net efficiency	%	97.6	98	97.6	97.3				
If mechanical, is it Interlocked?	N/A	Gross efficiency	%	87.5	87.9	87.3	87.1				
Balanced compartment?	N/A	Flue Draught Pressure	Pa	-42	-42	-46	-50				
If Balanced, is door interlocked?	N/A	Gas Burner Pressure	mbar	N/A	N/A	N/A	N/A				
		Appliance temp. set point	°C	82	82	82	82				
Hydraulic		CO ₂ Flue Dilution discharge	%	N/A	N/A	N/A	N/A				
General controls - check for correct operation	Yes	CO Flue Dilution discharge	ppm	N/A	N/A	N/A	N/A				
Boiler water pressure (hot) bar	3.5	Flue type (as applicable)		B	B	B	B				
Safety valve fitted and fitted in correct position	Yes	Balanced Vert/Horiz Term	V/H	N/A		N/A					
Safety valve size <u>DN40</u> set pressure <u>5.5</u> bar		Open Flued	Y/N	Yes		Yes					
Is Safety Valve adequate?	Yes	Fan Assisted/Dilution	A/D	N/A		N/A					
		Cascade Flue (Common)	Y/N	Yes		Yes					
General data		Comments		Additional Checks (Yes/No/NA)				No.1	No.2	No.3	No.4
Is all installation completed?	Yes			Flue flow test satisfactory?				N/A	N/A		
Flue condensate drain fitted with water trap	Yes	'Dry' traps not acceptable		Spillage test satisfactory?				N/A	N/A		
Flue damper fitted	N/A	If necessary		Ventilation satisfactory? (see Ventilation)				Yes	Yes		
External controls tested	No	Interlocks/BMS		Air/Gas Pressure switch operating OK?				Yes	Yes		
Appliance control strategy	0-10V Temp	OT 0-10v temp/% / on-off		Burner lock-out time (in seconds)				1	1		
Technical literature on site	Yes			Temperature and Limit thermostats OK?				Yes	Yes		
Static gas pressure	23.1	mbar		Unvented hot water? G3 completed?				N/A	N/A		
Working gas pressure	20	mbar(All plant on full load)		Appliance Serviced?				N/A	N/A		
Water Sample Taken	N/A	Pack Ref No _____									
Details of work carried out &/or any Defects/Remedial works required:-											
Re-Commission 2 Gas 320 Ace 355kw To Breeam Values as per manufacturer's instructions . See work report for details .											
Declaration of Gas Safety – I confirm that all of the above work described on this form has been satisfactorily completed in accordance with the current Gas Safety (installation & use) Regulations, standards and procedures.						For New Appliance(s) - I confirm that the installation of the above appliance(s) has been carried out by competent and registered engineers appropriate for the work carried out and will be notified accordingly.					
Signed Engineer : Mike Rima Digitally signed by Mike Rima DN: cn=Mike Rima, o=Baxi Heating, ou=Remeha, email=mike.rima@baxiheating.co.uk, c=GB Date: 2018.11.12 09:08:44 Z						Signed: SELECT					
Print Engineer : Mike Rima						Print: SELECT					