

HIU FlatStation Commissioning

Commissioned 28 Sept 2026 · Generated 04 Oct 2026

HIU-0031

Closed

Pass

CLIENT

NAME

Marcus Bell

MOBILE

07700 900789

EMAIL

marcus.bell@millwharf.example

ADDRESS

Mill Wharf Management Co Ltd, 3 Canal Road,
Luton

POSTCODE

LU1 2AB

COUNTRY

United Kingdom

JOB DETAILS

JOB NO

J-0231

ADDRESS

Flat 12, Mill Wharf, 3 Canal Road, Luton

POSTCODE

LU1 2AB

OWNER / OPERATOR

Mill Wharf Management Co Ltd

REPORT NO.

HIU-0031

COMMISSIONED

28 Sept 2026

STATUS

Closed

RESULT

Pass

ENGINEER

Daniel Okafor

GAS SAFE ID

1234567

F-GAS CERT. NO.

CG-0000-1234567 (Cat I)

PURCHASE ORDER NO.

PO-1187

FLATSTATION DETAILS

Type	Danfoss FlatStation 7 Series DS		
Serial No	DS7-0041882	Item No	004U8402
HW Controller (iHPT)	IHPT 180	HW Controller (AV/TB)	N/A
HC Controller (RAVK)	RAVK 25-65	Heating Circuit Pressure	1.5 bar

STRAINER CHECKS

Primary Strainer Before	0.42 bar	Primary Strainer After	0.18 bar
Primary Debris Found	Yes	Primary Cleaned	Yes
Heating Strainer Before	0.30 bar	Heating Strainer After	0.15 bar
Heating Debris Found	No	Heating Cleaned	Yes

COMMISSIONING CHECKS

Red Transit Clip Removed	Yes	2-Port Valves	Yes
Flushing Bypass Closed	Yes	Pump Set to Guide	Yes
Pump Setting	Setting 3 (constant pressure)		
UFH Thermostat	N/A	RAVK Set to Max	Yes
Prepay Clip Removed	Yes		

SPECIFICATIONS

Specified kW Load	6.5 kW	Design Flow Rate	280 L/hr
Design Delta-T	20 °C	Cold Water Temp	10 °C

ENERGY METER

Type	Kamstrup MULTICAL 403	Serial No	80412277
Reading (kWh)	12		

COMMISSIONING TIMES & STANDBY TEMPS

Start Time	09:15	End Time	11:05
Standby Flow Temp	68 °C	Standby Return Temp	34 °C
Error Code Displayed	No		

HEATING — SECONDARY READINGS (RAVK)

#	FLOW TEMP (°C)	RETURN TEMP (°C)
1	42	34
2	48	38
3	55	42
4	60	44
5	65	46

DHW TAP — SECONDARY READINGS (IHPT)

LOCATION	TAP FLOW (L/MIN)	DHW TEMP (°C)
Kitchen sink	8	50
Bathroom basin	6	50
Bath	12	51
Shower	9	50
En-suite basin	6	50

HEATING — PRIMARY HEAT METER

#	FLOW RATE (L/HR)	FLOW TEMP (°C)	RETURN TEMP (°C)	POWER (KW)
1	110	70	41	3.7
2	160	70	43	5.0
3	210	70	46	5.9
4	250	70	48	6.4
5	280	70	50	6.5

DHW — PRIMARY HEAT METER

#	FLOW RATE (L/HR)	FLOW TEMP (°C)	RETURN TEMP (°C)	POWER (KW)
1	400	70	22	22.3
2	290	70	21	16.5
3	630	70	23	34.4
4	450	70	22	25.1
5	290	70	21	16.5

FURTHER COMMENTS

Commissioned with the site manager present. Primary strainer cleaned of installation debris and refitted. Resident shown how to read the heat meter and set the room thermostat.

SIGN OFF

CUSTOMER

Marcus Bell



Signed 28 Sept 2026 12:10

ENGINEER

Daniel Okafor

Gas Safe ID 1234567

F-Gas cert. no. CG-0000-1234567 (Cat I)



Signed 28 Sept 2026 12:12