

THE REMEHA HIU E70/9

TECHNICAL SPECIFICATION SHEET

Heat Interface Unit – Indirect Twin Plate Electronically Controlled Heating and HWS

October 2017

PERFORMANCE AND PRESSURES – HWS

HWS output (kW)	30	40	50	60	70(1)
HWS delivery (l/min)	10.8	14.4	18.0	21.5	25.1
Cold water temp (°C)	10				
Hot water temp (°C)	50				
Hot water (Δt °C)	40				
Primary flow (°C)	75				
Primary return (°C)	42	42	35	30	20
Primary (Δt °C)	33	33	40	45	55
PHE primary loss (kPa)	12.2	21.1	22.4	25.4	23.4
PHE secondary loss (kPa)	15.1	24.4	37.5	53.2	71.4
Min pressure (bar)	0.5				
Max pressure (bar)	10				

PERFORMANCE AND PRESSURES – HTG

HTG output (kW)	7	9
HTG flowrate (l/min)	3.33	4.29
HTG flow temp (°C)	70	
HTG return temp (°C)	40	
HTG (Δt °C)	30	
Primary flow (°C)	75	
Primary return (°C)	45	
Primary Δt (°C)	30	
PHE primary loss (kPa)	1.82	2.88
PHE secondary loss (kPa)	2.78	4.27
Min pressure (bar) ⁽²⁾	1	
Max pressure (bar) ⁽³⁾	2.8	

CONNECTIONS (3/4 INCH)

**WRAS approved	Type	Material	Jig Fitted
MCWS**	Female	Plated Steel	Yes
DHW outlet**			
District flow**			
District return**			
Heating flow**			
Heating return**			
Safety valve discharge		Brass	

ELECTRICAL

Electrical supply (Volts)	230
Electrical frequency (Hz)	50
Electrical consumption (Watts)	75
Fuse rating (Amps)	3

CLEARANCE

Front x Side x Top x Bottom (mm) ⁽⁴⁾	50 x 50 x 200 x 50
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DIMENSIONS (HxWxD)

HIU only (mm)	750 x 570 x 338
First Fix Jig (mm)	130 x 570 x 338
Combined (mm)	880 x 570 x 338

WEIGHT

HIU boxed – Delivery (kg)	55
HIU complete ⁽⁵⁾ (kg)	48
First Fix Jig ⁽⁵⁾ (kg)	4

VOLUMES AND PRESSURES

Expansion vessel – HTG (litres)	12
Safety valve setting (Bar)	3

PUMP DUTY – RESIDUAL

Grundfos UPM3 – heating (kPa)	Variant 1	44
	Variant 2	38

HEAT LOSS

Heat loss (kWh/day)	0.384
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RECOMMENDED OPTION

First Fix Jig	✓
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OPTIONS

Water Meter	✓
Heat Meter	✓
DHW Priority	✓
Data Module	✓

- (1) Hot water priority operation
 (2) Water pressure switch set at 1 bar
 (3) Maximum heating water expanded pressure
 (4) Below the valves on first fix jig
 (5) Suitable fixings are to be used for wall type