

THE
REMEHA
HIU E70/5

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	24.5	37.5	53.2	71.4
Min pressure (bar)	0.5				
Max pressure (bar)	10				

PERFORMANCE AND PRESSURES – HTG			
HTG output (kW)	1.5	3	5
HTG flowrate (l/min)	0.71	1.43	2.38
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)	0.11	0.39	0.99
PHE secondary loss (kPa)	0.20	0.66	1.57
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	
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	
RECOMMENDED OPTION		
First Fix Jig	✓	
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