

## GAUDIUM HYDRONIC HEATING & SOLAR DOMESTIC HOT WATER

MANUFACTURED BY:

**IMMERGAS**

Designed integrated solar solutions suitable for external, recessed and internal installations with cabinet colour options. The Gaudium Solar Plus is available with 2 hydraulic groups. Hydronic Base single zone high temperature hydronic circuit. Hydronic ABT 2 zones, 1 high temperature and 1 low temperature suitable for hydronic floor heating.

### MEASUREMENTS

2200 x 950 x 360 (H x W x D) mm.

### MAIN FLUE KITS

3.023758 - Vertical concentric complete kit 60/100.



**HUNT**  
HEATING

**3 YEAR\***  
WARRANTY



### Gaudium Solar Plus BASE

- Insulated storage tank in stainless steel 160 litre high stratification, twin coil.
- Solar circuit hydraulic group (1÷6 l/min)
- Solar controller, temperature probe and manifold
- Solar expansion tank - 12 litres
- Solar pressure relief valve - 6 bar
- Domestic hot water expansion tank - 8 litres
- Domestic pressure relief valve - 8 bar
- Thermostatic mixing valve 3/4"
- Internal hydraulic fittings and connecting pipes

### Gaudium Solar Plus ABT

- Storage tank in stainless steel 160 litre high stratification, insulated twin coil.
- Hydraulic manifold, 2 pumps, 1 mixing valve and electronic board
- Solar controller, temperature probe and manifold
- Solar expansion tank - 12 litres
- Solar pressure relief valve - 6 bar
- Domestic hot water expansion tank - 8 litres
- Domestic pressure relief valve - 8 bar
- Thermostatic mixing valve 3/4"
- Internal hydraulic fittings and connecting pipes

CARV2



EXTERNAL SENSOR



**W**  
WaterMark

**SAI GLOBAL**

### SHOWROOM

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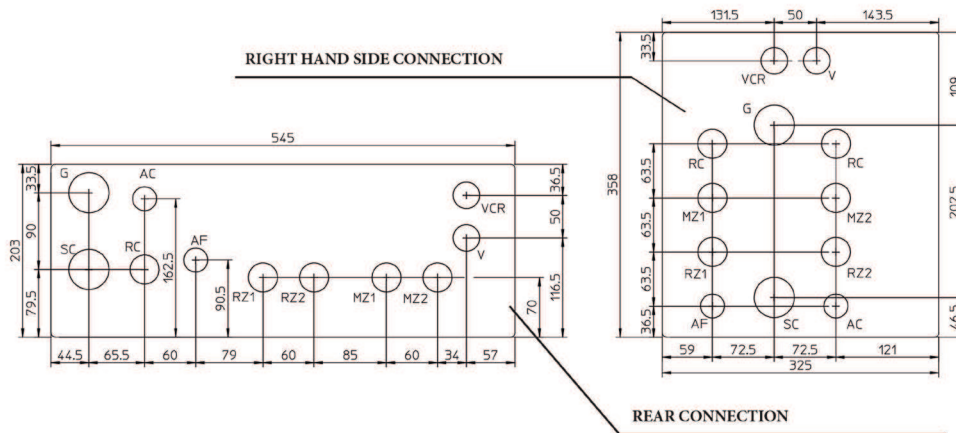
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**HUNT HEATING**  
The smart choice.

www.huntheat.com.au

		Gaudium Solar Plus Base	Gaudium Solar Plus ABT
Maximum central heating circuit pressure	kPa	300	300
Maximum domestic hot water circuit pressure	kPa	800	800
Solar circuit maximum pressure	kPa	600	600
Max. central heating circuit temperature	°C	90	90
Max. domestic hot water circuit operating temperature	°C	60	60
Domestic hot water adjustable temperature	°C	30-60	30-60
Total volume domestic hot water expansion vessel	l	8.0	8.0
Domestic hot water expansion vessel pre-charge	kPa	300	300
Total volume solar expansion vessel	l	12.0	12.0
Solar expansion vessel pre-charge	kPa	250	250
Water content in the storage tank	l	158	158
Water content in the hydraulic circuit	l	1.5	1.8
Content of glycol in the solar circuit	l	3.4	3.4
Full hydraulic unit weight	kg	25.85	29.15
Empty hydraulic unit weight	kg	24.35	27.35
Electrical connection	V/Hz	230/50	230/50
Nominal absorption	A	0.8	1.75
Installed electric output	W	170	370
Power absorbed by the high temperature zone pump	W	-	92
Power absorbed by the low temperature zone pump	W	-	98
Power absorbed by the solar pump	W	36	36
Max. solar pump head	m.c.a.	6	6
Flow rate regulator control range	l/min	1-6	1-6
Solar circuit maximum peak temperature	°C	150	150
Solar circuit maximum continuous working temperature	°C	120	120
Equipment electrical system protection	-	IPX5D	IPX5D



ZONE CONNECTION TABLE

	Zone 1	Zone 2
Gaudium Solar Plus Base	High temperature zone	not used
Gaudium Solar Plus ABT	Low temperature zone	High temperature zone

CONNECTIONS

GAS		DHW		SYSTEM		
G	AC	AF	RZ1	MZ1	RZ2	MZ2
3/4"	1/2"	1/2"	3/4"	3/4"	3/4"	3/4"

Legend

G	Gas supply
AC	Domestic hot water outlet
AF	Domestic hot water inlet
MZ1	Zone 1 system flow
MZ2	Zone 2 system flow
RZ1	Zone 1 system return
RZ2	Zone 2 system return
RC	Domestic hot water recirculation (Optional)
SC	Condensate drain
V	Electrical connection
VCR	CAR V² remote controller
VS	3 bar air relief valve

