

**Apricus**[®]
Australia

COMMERCIAL
HOT WATER   



www.apricus.com.au

SYSTEM MODEL:
AEC3-315G3-MDC-30

COMPONENTS:

- 3 x Apricus 30 Manifolds
- 90 x Tubes and Heat pipes
- 3 x 315Lt Glass Lined Mid element Tanks
- 1 x Pump and Controller
- 3 x AP-30 Flush Mount Frames for region A/B

PERFORMANCE:

All performance values are estimates based on ideal conditions.

Recovery Rate: 185 L/hr (50°C temperature rise)

24 Hour Capacity: 5,080 L (50°C temperature rise)

Solar Contribution:

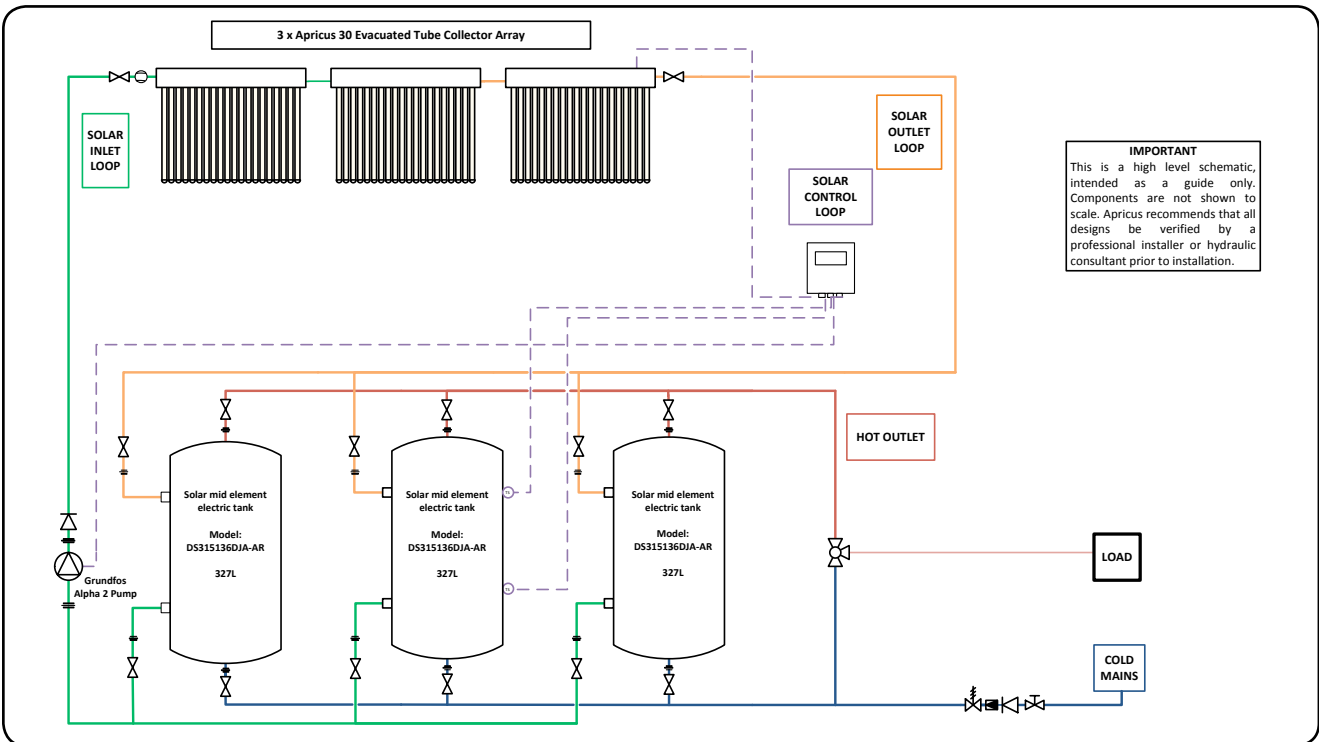
	Tropical Climate ¹		Cool Climate ²	
	Daily Solar Heat (kWh)	Solar Contribution (%)	Daily Solar Heat (kWh)	Solar Contribution (%)
Summer	31	77	33	70
Autumn	24	54	20	40
Winter	22	43	13	24
Spring	29	66	25	47
Annual Total/Average	9,652	59	8,301	44



STC VALUES			
Zone 1	Zone 2	Zone 3	Zone 4
119	133	119	108

LEGEND:

- Isolating Valve
- Unions
- Balancing Valve
- Check Valve
- Temperature Sensor
- Expansion Control Valve
- Pressure Limiting Valve
- Stop Valve
- Tempering Valve



1 Tropical Climate: NASA Weather Data for the Monthly Averaged Data for Brisbane has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

2 Cool Climate: NASA Weather Data for the Monthly Averaged Data for Melbourne has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

Recovery Rate: The amount of hot water that the water heater can continually produce, usually reported as flow rate in litres per hour that can be maintained for a specific temperature rise through the water heater, assuming no solar.

24 hour hot water capacity: The amount of hot water that can be provided throughout the day if there is a constant draw of hot water, assuming no solar.



SYSTEM MODEL:

AEC6-315G3-MDC-30

COMPONENTS:

- 6 x Apricus 30 Manifolds
- 180 x Tubes and Heat pipes
- 3 x 315Lt Glass Lined Mid element Tanks
- 1 x Pump and Controller
- 6 x AP-30 Flush Mount Frames for region A/B

PERFORMANCE:

All performance values are estimates based on ideal conditions.

Recovery Rate: 185 L/hr (50°C temperature rise)

24 Hour Capacity: 5,080 L (50°C temperature rise)

Solar Contribution:

	Tropical Climate ¹		Cool Climate ²	
	Daily Solar Heat (kWh)	Solar Contribution (%)	Daily Solar Heat (kWh)	Solar Contribution (%)
Summer	62	100	65	100
Autumn	48	100	62	80
Winter	43	87	68	47
Spring	59	100	63	95
Annual Total/Average	15,680	96	15,873	79

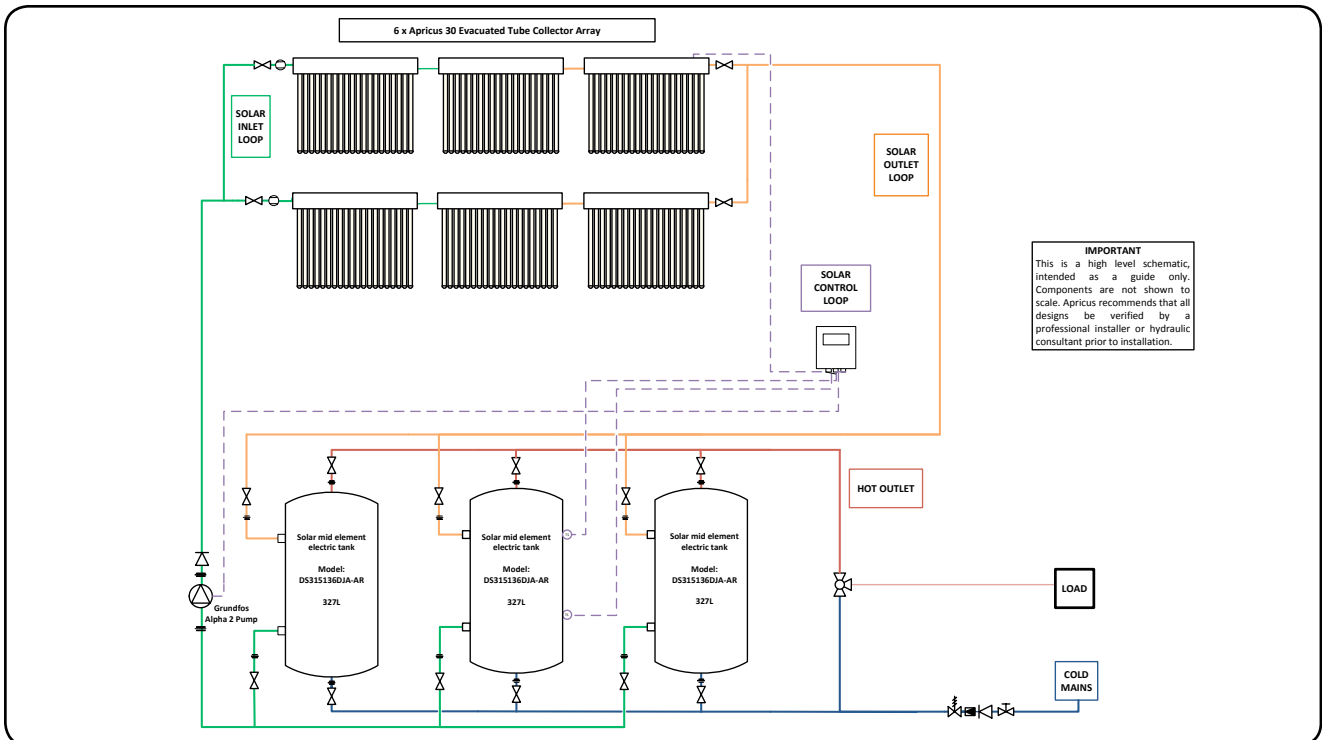


STC VALUES

Zone 1	Zone 2	Zone 3	Zone 4
237	257	238	219

LEGEND:

- Isolating Valve
- Unions
- Balancing Valve
- Check Valve
- Temperature Sensor
- Expansion Control Valve
- Pressure Limiting Valve
- Stop Valve
- Tempering Valve



1 Tropical Climate: NASA Weather Data for the Monthly Averaged Data for Brisbane has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

2 Cool Climate: NASA Weather Data for the Monthly Averaged Data for Melbourne has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

Recovery Rate: The amount of hot water that the water heater can continually produce, usually reported as flow rate in litres per hour that can be maintained for a specific temperature rise through the water heater, assuming no solar.

24 hour hot water capacity: The amount of hot water that can be provided throughout the day if there is a constant draw of hot water, assuming no solar.

SYSTEM MODEL:

AEC9-315G6-MDC-30

COMPONENTS:

9 x Apricus 30 Manifolds
270 x Tubes and Heat pipes
6 x 315Lt Glass Lined Mid element Tanks
1 x Pump and Controller
9 x AP-30 Flush Mount Frames for region A/B

PERFORMANCE:


All performance values are estimates based on ideal conditions.

Recovery Rate: 370 L/hr (50°C temperature rise)

24 Hour Capacity: 10,158 L (50°C temperature rise)

Solar Contribution:

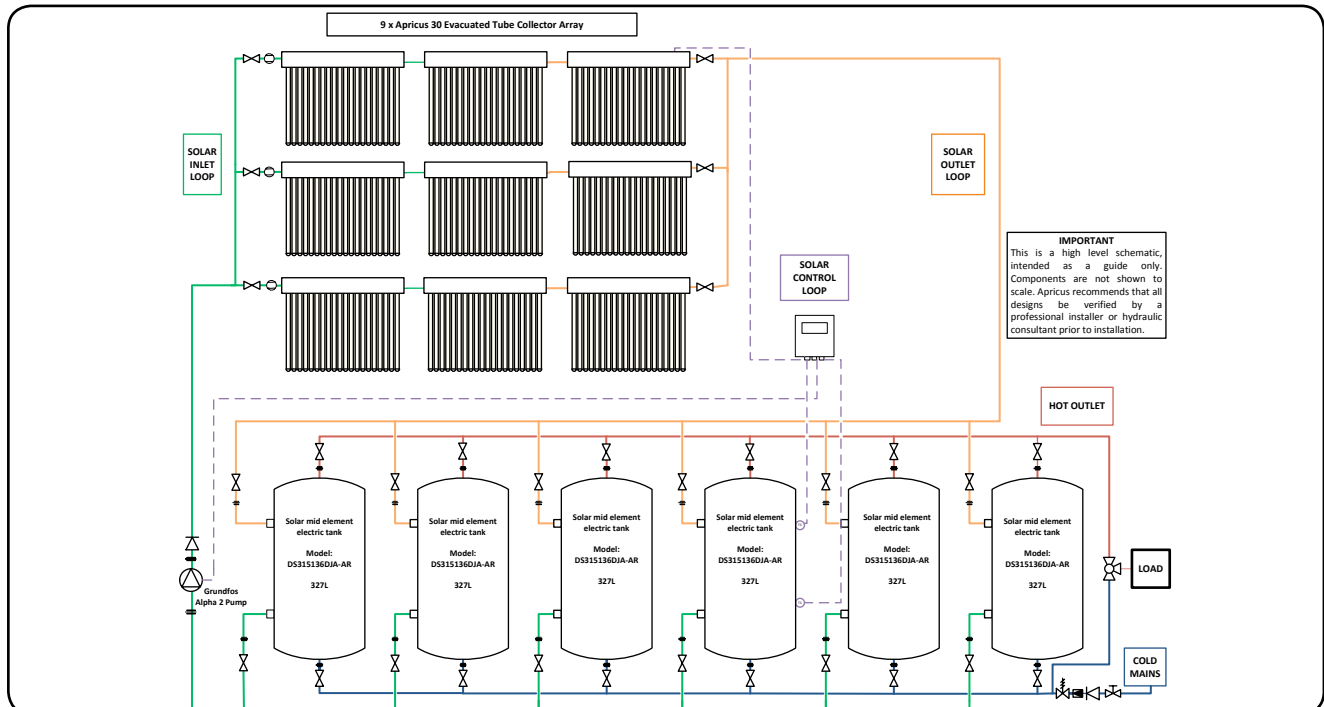
	Tropical Climate ¹		Cool Climate ²	
	Daily Solar Heat (kWh)	Solar Contribution (%)	Daily Solar Heat (kWh)	Solar Contribution (%)
Summer	93	100	98	100
Autumn	72	81	61	60
Winter	65	65	40	35
Spring	88	99	74	71
Annual Total/Average	28,956	85	24,903	65



STC VALUES			
Zone 1	Zone 2	Zone 3	Zone 4
361	394	361	330

LEGEND:

- Isolating Valve
- Unions
- Balancing Valve
- Check Valve
- Temperature Sensor
- Expansion Control Valve
- Pressure Limiting Valve
- Stop Valve
- Tempering Valve



1 Tropical Climate: NASA Weather Data for the Monthly Averaged Data for Brisbane has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

2 Cool Climate: NASA Weather Data for the Monthly Averaged Data for Melbourne has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

Recovery Rate: The amount of hot water that the water heater can continually produce, usually reported as flow rate in litres per hour that can be maintained for a specific temperature rise through the water heater, assuming no solar.

24 hour hot water capacity: The amount of hot water that can be provided throughout the day if there is a constant draw of hot water, assuming no solar.



SYSTEM MODEL:

AEC3-400G2-MDC-30

COMPONENTS:

- 3 x Apricus 30 Manifolds
- 90 x Tubes and Heat pipes
- 2 x 400L Glass Lined Mid element Tanks
- 1 x Pump and Controller
- 3 x AP-30 Flush Mount Frames for region A/B

PERFORMANCE:

All performance values are estimates based on ideal conditions.

Recovery Rate: 124 L/hr (50°C temperature rise)

24 Hour Capacity: 3,428 L (50°C temperature rise)

Solar Contribution:

	Tropical Climate ¹		Cool Climate ²	
	Daily Solar Heat (kWh)	Solar Contribution (%)	Daily Solar Heat (kWh)	Solar Contribution (%)
Summer	31	91	33	83
Autumn	24	64	20	47
Winter	22	51	13	28
Spring	29	78	25	56
Annual Total/Average	9,652	70	8,301	52

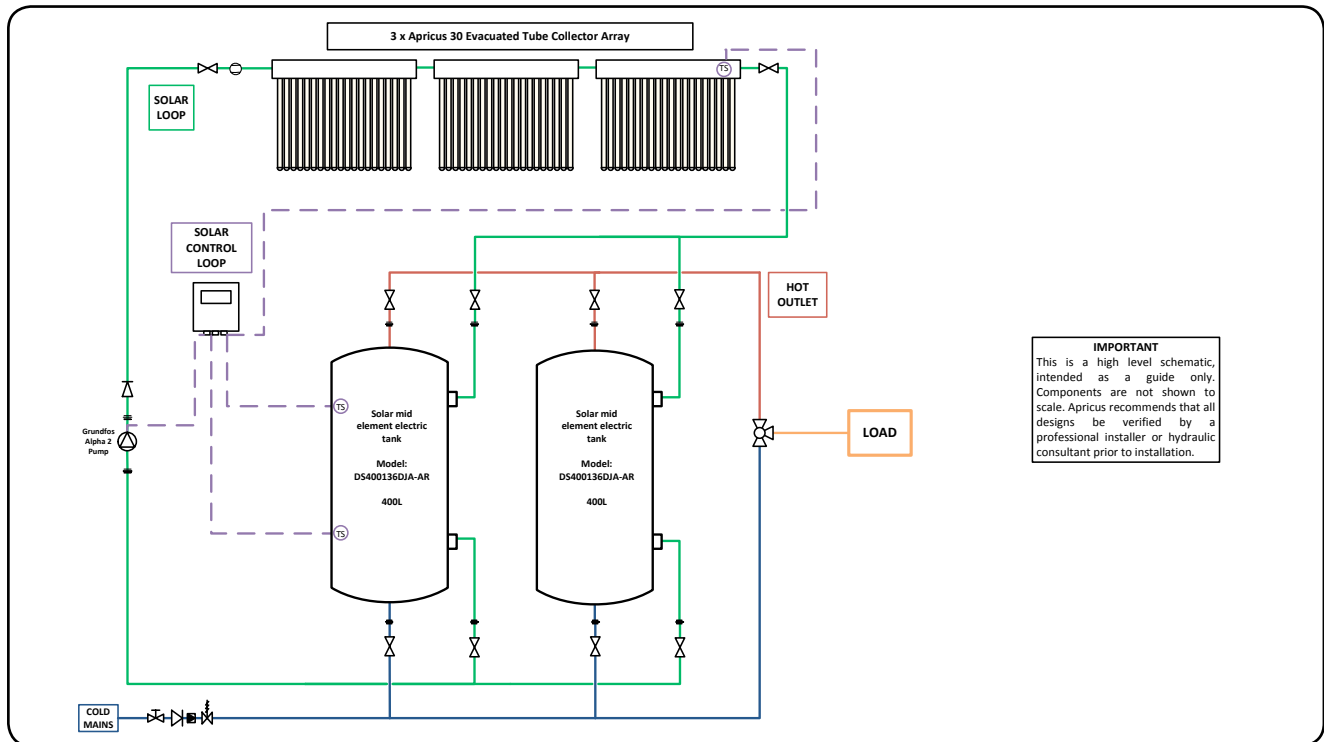


STC VALUES

Zone 1	Zone 2	Zone 3	Zone 4
107	116	107	97

LEGEND:

- Isolating Valve
- Unions
- Balancing Valve
- Check Valve
- Temperature Sensor
- Expansion Control Valve
- Pressure Limiting Valve
- Stop Valve
- Tempering Valve



IMPORTANT
This is a high level schematic, intended as a guide only. Components are not shown to scale. Apricus recommends that all designs be verified by a professional installer or hydraulic consultant prior to installation.

1 Tropical Climate: NASA Weather Data for the Monthly Averaged Data for Brisbane has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

2 Cool Climate: NASA Weather Data for the Monthly Averaged Data for Melbourne has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

Recovery Rate: The amount of hot water that the water heater can continually produce, usually reported as flow rate in litres per hour that can be maintained for a specific temperature rise through the water heater, assuming no solar.

24 hour hot water capacity: The amount of hot water that can be provided throughout the day if there is a constant draw of hot water, assuming no solar.

SYSTEM MODEL:
AEC5-315S4-MDC-30

COMPONENTS:

- 5 x Apricus 30 Manifolds
- 150 x Tubes and Heat pipes
- 4 x 315Lt Stainless Steel Mid element Tanks
- 1 x Pump and Controller
- 5 x AP-30 Flush Mount Frames for region A/B

PERFORMANCE:

All performance values are estimates based on ideal conditions.

Recovery Rate: 245 L/hr (50°C temperature rise)

24 Hour Capacity: 6,440 L (50°C temperature rise)

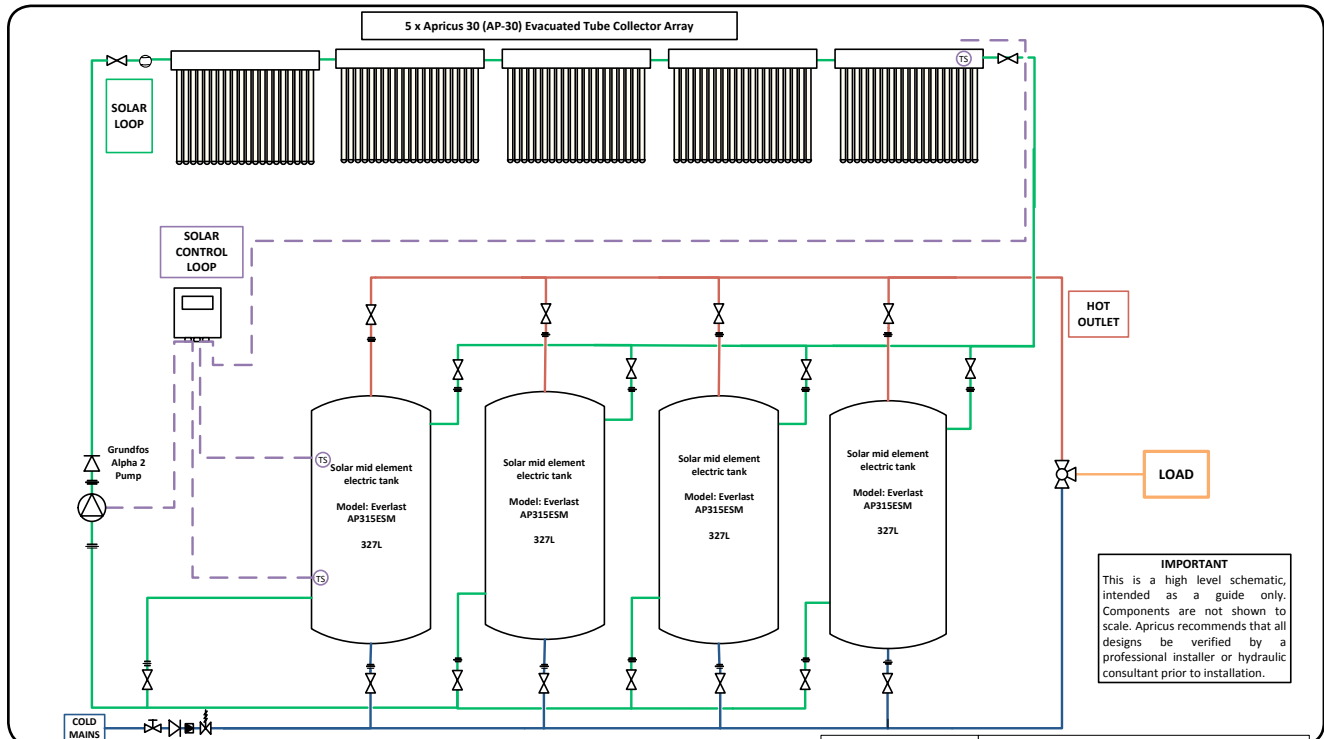
Solar Contribution:

	Tropical Climate ¹		Cool Climate ²	
	Daily Solar Heat (kWh)	Solar Contribution (%)	Daily Solar Heat (kWh)	Solar Contribution (%)
Summer	52	97	55	88
Autumn	40	68	34	50
Winter	36	54	22	29
Spring	49	82	41	59
Annual Total/Average	16,087	74	13,835	55

STC VALUES			
Zone 1	Zone 2	Zone 3	Zone 4
206	229	207	188

LEGEND:

- Isolating Valve
- Unions
- Balancing Valve
- Check Valve
- Temperature Sensor
- Expansion Control Valve
- Pressure Limiting Valve
- Stop Valve
- Tempering Valve



1 Tropical Climate: NASA Weather Data for the Monthly Averaged Data for Brisbane has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

2 Cool Climate: NASA Weather Data for the Monthly Averaged Data for Melbourne has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

Recovery Rate: The amount of hot water that the water heater can continually produce, usually reported as flow rate in litres per hour that can be maintained for a specific temperature rise through the water heater, assuming no solar.

24 hour hot water capacity: The amount of hot water that can be provided throughout the day if there is a constant draw of hot water, assuming no solar.



SYSTEM MODEL:

AEC8-315S6-MDC-30

COMPONENTS:

8 x Apricus 30 Manifolds
240 x Tubes and Heat pipes
6 x 315Lt Stainless Steel Mid element Tanks
1 x Pump and Controller
8 x AP-30 Flush Mount Frames for region A/B

PERFORMANCE:

All performance values are estimates based on ideal conditions.

Recovery Rate: 370 L/hr (50°C temperature rise)

24 Hour Capacity: 9,720 L (50°C temperature rise)

Solar Contribution:

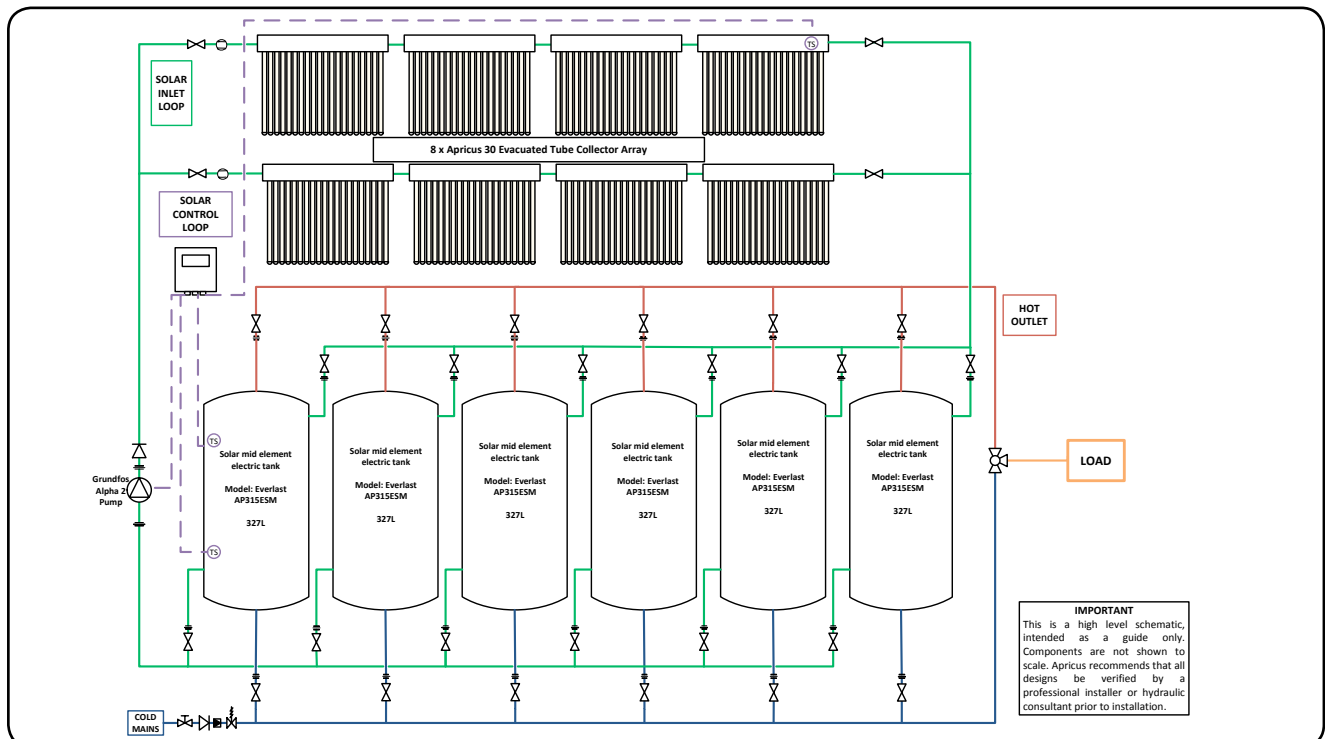
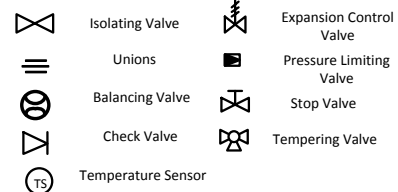
	Tropical Climate ¹		Cool Climate ²	
	Daily Solar Heat (kWh)	Solar Contribution (%)	Daily Solar Heat (kWh)	Solar Contribution (%)
Summer	83	100	87	94
Autumn	64	72	54	53
Winter	58	58	36	31
Spring	78	88	66	63
Annual Total/Average	25,522	78	22,136	59



STC VALUES

Zone 1	Zone 2	Zone 3	Zone 4
334	371	334	306

LEGEND:



IMPORTANT
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2 Cool Climate: NASA Weather Data for the Monthly Averaged Data for Melbourne has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

Recovery Rate: The amount of hot water that the water heater can continually produce, usually reported as flow rate in litres per hour that can be maintained for a specific temperature rise through the water heater, assuming no solar.

24 hour hot water capacity: The amount of hot water that can be provided throughout the day if there is a constant draw of hot water, assuming no solar.

SYSTEM MODEL:
AGC3-315G3-322-30

COMPONENTS:

- 3 x Apricus 30 Manifolds
- 90 x Tubes and Heat pipes
- 3 x 315Lt Glass Lined Tanks
- 2 x Rinnai HD250e Gas Boosters
- 1 x Pump and Controller
- 3 x AP-30 Flush Mount Frames for region A/B

PERFORMANCE:

All performance values are estimates based on ideal conditions.

Recovery Rate: 2,000 L/hr (50°C temperature rise)

24 Hour Capacity: 48,000 L (50°C temperature rise)

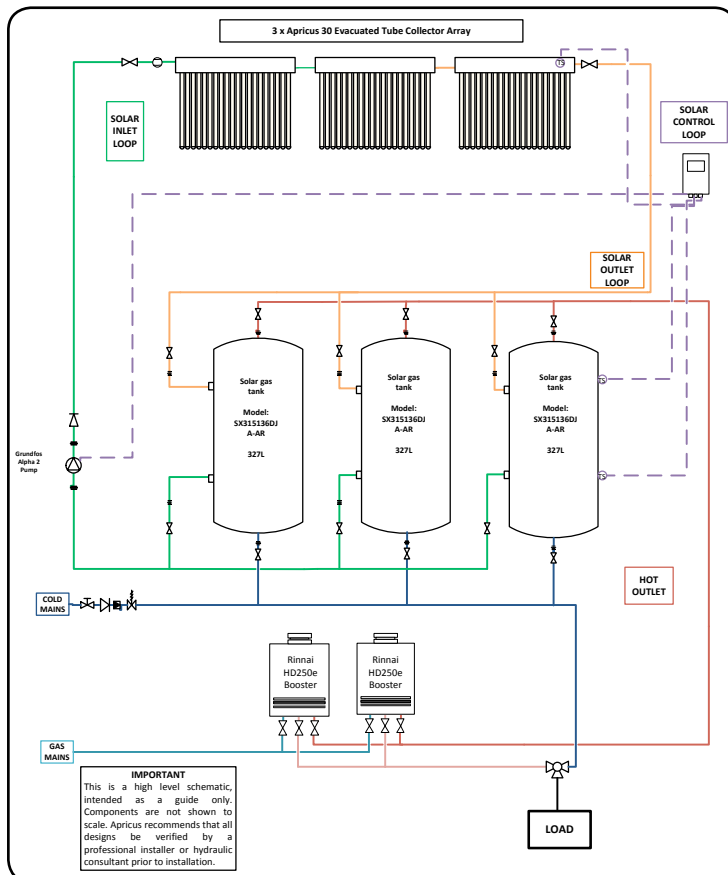
Solar Contribution:

	Tropical Climate ¹		Cool Climate ²	
	Daily Solar Heat (kWh)	Solar Contribution (%)	Daily Solar Heat (kWh)	Solar Contribution (%)
Summer	31	100	33	100
Autumn	24	81	20	60
Winter	22	65	13	35
Spring	29	99	25	71
Annual Total/Average	9,265	85	8,143	65

STC VALUES			
Zone 1	Zone 2	Zone 3	Zone 4
99	111	102	92

LEGEND:

- Isolating Valve
- Unions
- Balancing Valve
- Check Valve
- Temperature Sensor
- Expansion Control Valve
- Pressure Limiting Valve
- Stop Valve
- Tempering Valve



POTENTIAL APPLICATIONS

6-8 x 1 bedroom apartments (1 shower, 1 bath, 1 dishwasher, 1 washing machine, 1 bathroom sinks, 1 kitchen sink, 1 basin per apartment)

GAS BOOSTER WARRANTY*:

	Heat Exchanger	Other Components
Parts	5 Years	1 Year
Labour	1 Year	1 Year

*One (1) year warranty on Heat Exchanger when pre-set to 85 or 95°C, Excludes UV system. UV system warranty matches the UV system manufacturer, Components include pumps, system controller, sensors, thermostats and valves.

1 Tropical Climate: NASA Weather Data for the Monthly Averaged Data for Brisbane has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

2 Cool Climate: NASA Weather Data for the Monthly Averaged Data for Melbourne has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

Recovery Rate: The amount of hot water that the water heater can continually produce, usually reported as flow rate in litres per hour that can be maintained for a specific temperature rise through the water heater, assuming no solar.

24 hour hot water capacity: The amount of hot water that can be provided throughout the day if there is a constant draw of hot water, assuming no solar.



SYSTEM MODEL:

AGC4-400G2-321-30

COMPONENTS:

- 4 x Apricus 30 Manifolds
- 120 x Tubes and Heat pipes
- 2 x 400Lt Glass Lined Tanks
- 1 x Rinnai HD250e Gas Booster
- 1 x Solar Pump and Controller
- 1 x Gas Pump and Controller
- 4 x AP-30 Flush Mount Frames for region A/B

PERFORMANCE:

All performance values are estimates based on ideal conditions.

Recovery Rate: 1,000 L/hr (50°C temperature rise)

24 Hour Capacity: 24,400 L (50°C temperature rise)

Solar Contribution:

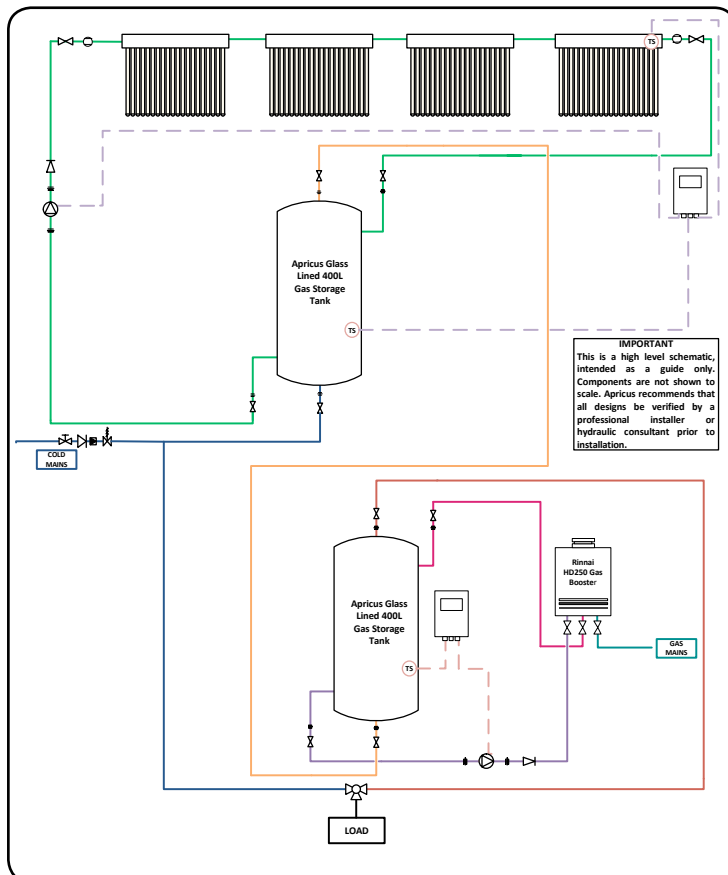
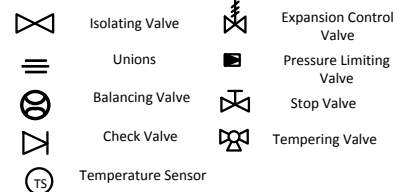
	Tropical Climate ¹		Cool Climate ²	
	Daily Solar Heat (kWh)	Solar Contribution (%)	Daily Solar Heat (kWh)	Solar Contribution (%)
Summer	41	100	44	100
Autumn	32	100	27	90
Winter	29	95	18	55
Spring	39	100	33	100
Annual Total/Average	9,846	97	9,414	85



STC VALUES

Zone 1	Zone 2	Zone 3	Zone 4
133	150	134	125

LEGEND:



POTENTIAL APPLICATIONS

- 28 x 1 Bedroom Apartments
- 18 x 2 Bedroom Apartments
- 13 x 3 Bedroom Apartments

GAS BOOSTER WARRANTY*:

	Heat Exchanger	Other Components
Parts	5 Years	1 Year
Labour	1 Year	1 Year

*One (1) year warranty on Heat Exchanger when pre-set to 85 or 95°C, Excludes UV system. UV system warranty matches the UV system manufacturer, Components include pumps, system controller, sensors, thermostats and valves.

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Recovery Rate: The amount of hot water that the water heater can continually produce, usually reported as flow rate in litres per hour that can be maintained for a specific temperature rise through the water heater, assuming no solar.

24 hour hot water capacity: The amount of hot water that can be provided throughout the day if there is a constant draw of hot water, assuming no solar.

SYSTEM MODEL:

AGC5-400G3-321-30

COMPONENTS:

- 5 x Apricus 30 Manifolds
- 150 x Tubes and Heat pipes
- 3 x 400Lt Glass Lined Tanks
- 1 x Rinnai HD250e Gas Booster
- 1 x Solar Pump and Controller
- 1 x Gas Pump and Controller
- 5 x AP-30 Flush Mount Frames for region A/B

PERFORMANCE:


All performance values are estimates based on ideal conditions.

Recovery Rate: 1,000 L/hr (50°C temperature rise)

24 Hour Capacity: 24,400 L (50°C temperature rise)

Solar Contribution:

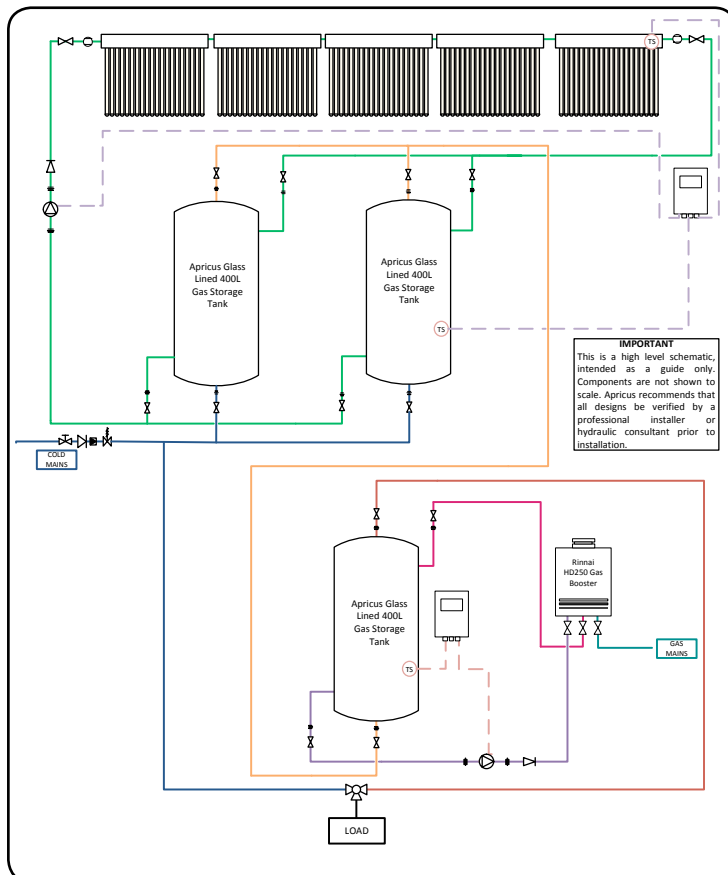
	Tropical Climate ¹		Cool Climate ²	
	Daily Solar Heat (kWh)	Solar Contribution (%)	Daily Solar Heat (kWh)	Solar Contribution (%)
Summer	52	100	55	100
Autumn	40	86	34	64
Winter	36	70	22	39
Spring	49	100	41	77
Annual Total/Average	15,151	88	13,297	69



STC VALUES			
Zone 1	Zone 2	Zone 3	Zone 4
169	181	171	154

LEGEND:

- Isolating Valve
- Unions
- Balancing Valve
- Check Valve
- Temperature Sensor
- Expansion Control Valve
- Pressure Limiting Valve
- Stop Valve
- Tempering Valve



POTENTIAL APPLICATIONS

- 28 x 1 Bedroom Apartments
- 18 x 2 Bedroom Apartments
- 13 x 3 Bedroom Apartments

GAS BOOSTER WARRANTY*:

	Heat Exchanger	Other Components
Parts	5 Years	1 Year
Labour	1 Year	1 Year

*One (1) year warranty on Heat Exchanger when pre-set to 85 or 95°C, Excludes UV system. UV system warranty matches the UV system manufacturer, Components include pumps, system controller, sensors, thermostats and valves.

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Recovery Rate: The amount of hot water that the water heater can continually produce, usually reported as flow rate in litres per hour that can be maintained for a specific temperature rise through the water heater, assuming no solar.

24 hour hot water capacity: The amount of hot water that can be provided throughout the day if there is a constant draw of hot water, assuming no solar.



SYSTEM MODEL:

AGC6-400G3-321-30

COMPONENTS:

- 6 x Apricus 30 Manifolds
- 180 x Tubes and Heat pipes
- 3 x 400Lt Glass Lined Tanks
- 1 x Rinnai HD250e Gas Booster
- 1 x Solar Pump and Controller
- 1 x Gas Pump and Controller
- 6 x AP-30 Flush Mount Frames for region A/B

PERFORMANCE:

All performance values are estimates based on ideal conditions.

Recovery Rate: 1,000 L/hr (50°C temperature rise)

24 Hour Capacity: 24,400 L (50°C temperature rise)

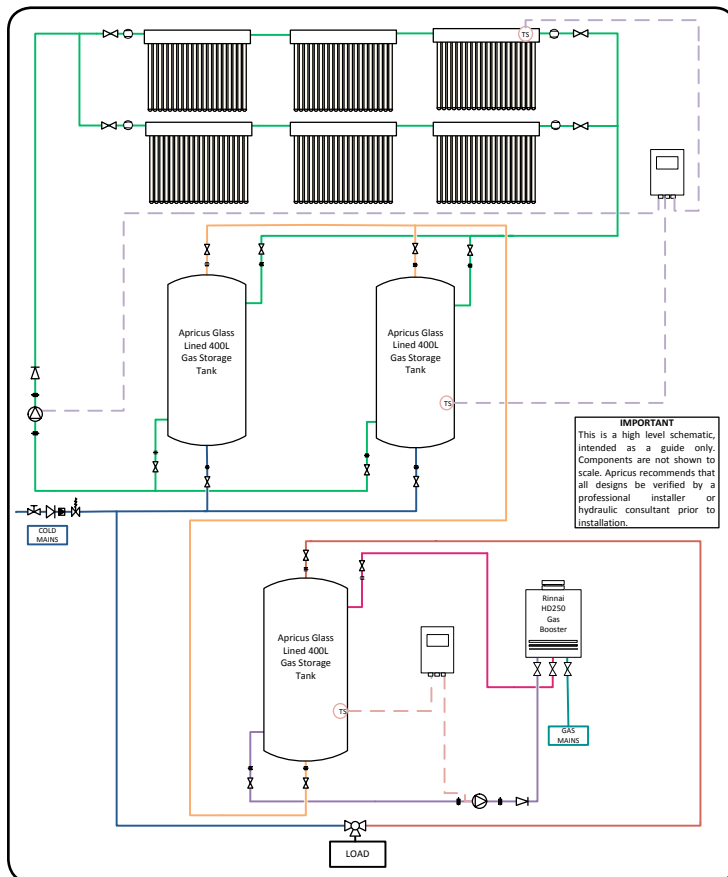
Solar Contribution:

	Tropical Climate ¹		Cool Climate ²	
	Daily Solar Heat (kWh)	Solar Contribution (%)	Daily Solar Heat (kWh)	Solar Contribution (%)
Summer	62	100	65	100
Autumn	48	100	41	77
Winter	43	84	27	47
Spring	59	100	49	93
Annual Total/Average	16,421	96	15,068	78

STC VALUES			
Zone 1	Zone 2	Zone 3	Zone 4
216	230	220	201

LEGEND:

- Isolating Valve
- Unions
- Balancing Valve
- Check Valve
- Temperature Sensor
- Expansion Control Valve
- Pressure Limiting Valve
- Stop Valve
- Tempering Valve



POTENTIAL APPLICATIONS

- 28 x 1 Bedroom Apartments
- 18 x 2 Bedroom Apartments
- 13 x 3 Bedroom Apartments

GAS BOOSTER WARRANTY*:

	Heat Exchanger	Other Components
Parts	5 Years	1 Year
Labour	1 Year	1 Year

*One (1) year warranty on Heat Exchanger when pre-set to 85 or 95°C, Excludes UV system. UV system warranty matches the UV system manufacturer, Components include pumps, system controller, sensors, thermostats and valves.

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2 Cool Climate: NASA Weather Data for the Monthly Averaged Data for Melbourne has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

Recovery Rate: The amount of hot water that the water heater can continually produce, usually reported as flow rate in litres per hour that can be maintained for a specific temperature rise through the water heater, assuming no solar.

24 hour hot water capacity: The amount of hot water that can be provided throughout the day if there is a constant draw of hot water, assuming no solar.



SYSTEM MODEL:

AGC8-400G4-321-30

COMPONENTS:

- 8 x Apricus 30 Manifolds
- 240 x Tubes and Heat pipes
- 4 x 400Lt Glass Lined Tanks
- 1 x Rinnai HD250e Gas Booster
- 1 x Solar Pump and Controller
- 1 x Gas Pump and Controller
- 8 x AP-30 Flush Mount Frames for region A/B

PERFORMANCE:

All performance values are estimates based on ideal conditions.

- Recovery Rate:** 1,000 L/hr (50°C temperature rise)
- 24 Hour Capacity:** 24,400 L (50°C temperature rise)
- Solar Contribution:**

	Tropical Climate ¹		Cool Climate ²	
	Daily Solar Heat (kWh)	Solar Contribution (%)	Daily Solar Heat (kWh)	Solar Contribution (%)
Summer	83	100	87	100
Autumn	64	91	54	69
Winter	58	74	36	41
Spring	78	100	66	82
Annual Total/Average	23,418	91	20,831	72



STC VALUES

Zone 1	Zone 2	Zone 3	Zone 4
284	302	289	265

LEGEND:

- Isolating Valve
- Unions
- Balancing Valve
- Check Valve
- Temperature Sensor
- Expansion Control Valve
- Pressure Limiting Valve
- Stop Valve
- Tempering Valve

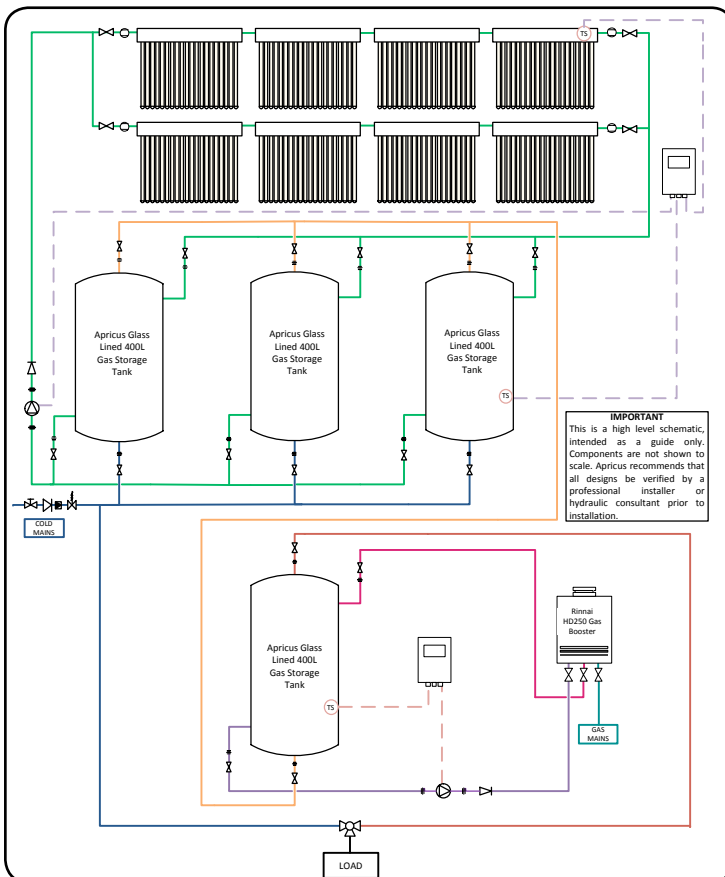
POTENTIAL APPLICATIONS

- 28 x 1 Bedroom Apartments
- 18 x 2 Bedroom Apartments
- 13 x 3 Bedroom Apartments

GAS BOOSTER WARRANTY*:

	Heat Exchanger	Other Components
Parts	5 Years	1 Year
Labour	1 Year	1 Year

*One (1) year warranty on Heat Exchanger when pre-set to 85 or 95°C, Excludes UV system. UV system warranty matches the UV system manufacturer, Components include pumps, system controller, sensors, thermostats and valves.



1 Tropical Climate: NASA Weather Data for the Monthly Averaged Data for Brisbane has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

2 Cool Climate: NASA Weather Data for the Monthly Averaged Data for Melbourne has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

Recovery Rate: The amount of hot water that the water heater can continually produce, usually reported as flow rate in litres per hour that can be maintained for a specific temperature rise through the water heater, assuming no solar.

24 hour hot water capacity: The amount of hot water that can be provided throughout the day if there is a constant draw of hot water, assuming no solar.

SYSTEM MODEL: AGC4-315S3-321-30

COMPONENTS:


4 x Apricus 30 Manifolds
120 x Tubes and Heat pipes
3 x 315Lt Stainless Steel Tanks
1 x Rinnai HD250e Gas Booster
1 x Solar Pump and Controller
1 x Gas Pump and Controller
4 x AP-30 Flush Mount Frames for region A/B

PERFORMANCE:

All performance values are estimates based on ideal conditions.

Recovery Rate: 1,000 L/hr (50°C temperature rise)
24 Hour Capacity: 24,400 L (50°C temperature rise)
Solar Contribution:

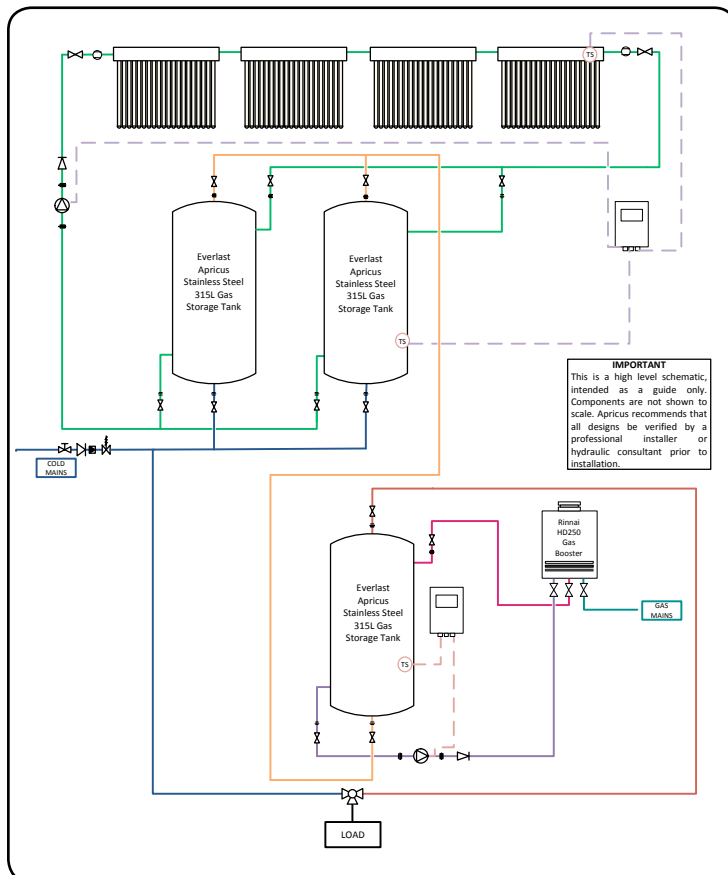
	Tropical Climate ¹		Cool Climate ²	
	Daily Solar Heat (kWh)	Solar Contribution (%)	Daily Solar Heat (kWh)	Solar Contribution (%)
Summer	41	100	44	100
Autumn	32	87	27	65
Winter	29	71	18	39
Spring	39	100	33	78
Annual Total/Average	12,018	89	10,582	70



STC VALUES			
Zone 1	Zone 2	Zone 3	Zone 4
148	158	150	135

LEGEND:

- Isolating Valve
- Unions
- Balancing Valve
- Check Valve
- Temperature Sensor
- Expansion Control Valve
- Pressure Limiting Valve
- Stop Valve
- Tempering Valve



POTENTIAL APPLICATIONS

- 28 x 1 Bedroom Apartments (1st hour calculations 50L)
- 18 x 2 Bedroom Apartments (1st hour calculations 75L)
- 13 x 3 Bedroom Apartments (1st hour calculations 105L)

GAS BOOSTER WARRANTY*:

	Heat Exchanger	Other Components
Parts	5 Years	1 Year
Labour	1 Year	1 Year

*One (1) year warranty on Heat Exchanger when pre-set to 85 or 95°C, Excludes UV system. UV system warranty matches the UV system manufacturer, Components include pumps, system controller, sensors, thermostats and valves.

1 Tropical Climate: NASA Weather Data for the Monthly Averaged Data for Brisbane has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

2 Cool Climate: NASA Weather Data for the Monthly Averaged Data for Melbourne has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

Recovery Rate: The amount of hot water that the water heater can continually produce, usually reported as flow rate in litres per hour that can be maintained for a specific temperature rise through the water heater, assuming no solar.

24 hour hot water capacity: The amount of hot water that can be provided throughout the day if there is a constant draw of hot water, assuming no solar.

SYSTEM MODEL: AGC5-315S4-321-30

COMPONENTS:


- 5 x Apricus 30 Manifolds
- 150 x Tubes and Heat pipes
- 5 x 315Lt Stainless Steel Tanks
- 1 x Rinnai HD250e Gas Booster
- 1 x Solar Pump and Controller
- 1 x Gas Pump and Controller
- 5 x AP-30 Flush Mount Frames for region A/B

PERFORMANCE:

All performance values are estimates based on ideal conditions.

- Recovery Rate:** 1,000 L/hr (50°C temperature rise)
- 24 Hour Capacity:** 24,400 L (50°C temperature rise)
- Solar Contribution:**

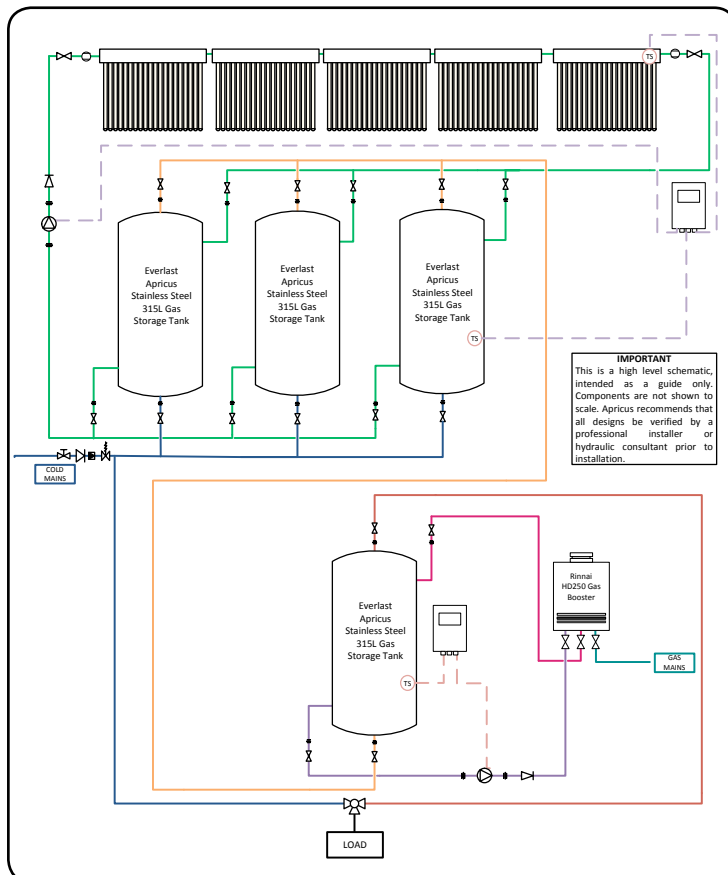
	Tropical Climate ¹		Cool Climate ²	
	Daily Solar Heat (kWh)	Solar Contribution (%)	Daily Solar Heat (kWh)	Solar Contribution (%)
Summer	52	100	55	95
Autumn	40	72	34	55
Winter	36	59	22	33
Spring	49	88	41	65
Annual Total/Average	16,036	79	13,835	61



STC VALUES			
Zone 1	Zone 2	Zone 3	Zone 4
189	202	192	174

LEGEND:

- Isolating Valve
- Unions
- Balancing Valve
- Check Valve
- Temperature Sensor
- Expansion Control Valve
- Pressure Limiting Valve
- Stop Valve
- Tempering Valve



POTENTIAL APPLICATIONS

- 28 x 1 Bedroom Apartments (1st hour calculations 50L)
- 18 x 2 Bedroom Apartments (1st hour calculations 75L)
- 13 x 3 Bedroom Apartments (1st hour calculations 105L)

GAS BOOSTER WARRANTY*:

	Heat Exchanger	Other Components
Parts	5 Years	1 Year
Labour	1 Year	1 Year

*One (1) year warranty on Heat Exchanger when pre-set to 85 or 95°C, Excludes UV system. UV system warranty matches the UV system manufacturer, Components include pumps, system controller, sensors, thermostats and valves.

1 Tropical Climate: NASA Weather Data for the Monthly Averaged Data for Brisbane has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

2 Cool Climate: NASA Weather Data for the Monthly Averaged Data for Melbourne has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

Recovery Rate: The amount of hot water that the water heater can continually produce, usually reported as flow rate in litres per hour that can be maintained for a specific temperature rise through the water heater, assuming no solar.

24 hour hot water capacity: The amount of hot water that can be provided throughout the day if there is a constant draw of hot water, assuming no solar.

SYSTEM MODEL:
AGC8-315S6-322-30

COMPONENTS:

- 8 x Apricus 30 Manifolds
- 240 x Tubes and Heat pipes
- 6 x 315Lt Stainless Steel Tanks
- 2 x Rinnai HD250e Gas Boosters
- 1 x Solar Pump and Controller
- 1 x Gas Pump and Controller
- 8 x AP-30 Flush Mount Frames for region A/B

PERFORMANCE:

All performance values are estimates based on ideal conditions.

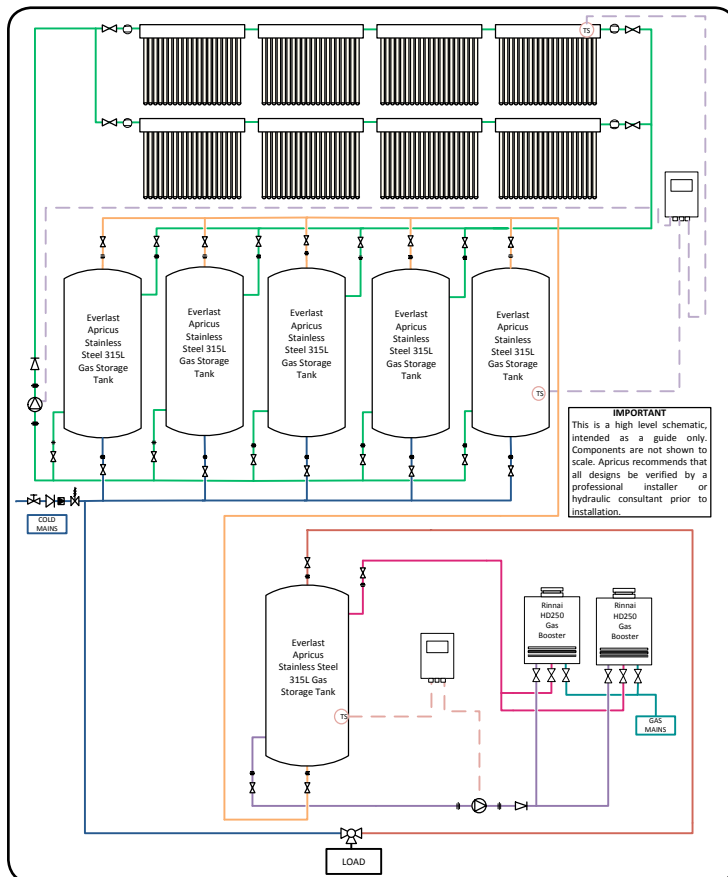
- Recovery Rate:** 2,000 L/hr (50°C temperature rise)
- 24 Hour Capacity:** 48,400 L (50°C temperature rise)
- Solar Contribution:**

	Tropical Climate ¹		Cool Climate ²	
	Daily Solar Heat (kWh)	Solar Contribution (%)	Daily Solar Heat (kWh)	Solar Contribution (%)
Summer	82	90	87	91
Autumn	56	57	54	52
Winter	47	43	36	32
Spring	74	75	66	63
Annual Total/Average	23,615	65	22,136	58

STC VALUES			
Zone 1	Zone 2	Zone 3	Zone 4
313	333	320	291

LEGEND:

- Isolating Valve
- Unions
- Balancing Valve
- Check Valve
- Temperature Sensor
- Expansion Control Valve
- Pressure Limiting Valve
- Stop Valve
- Tempering Valve



POTENTIAL APPLICATIONS

- 48 x 1 Bedroom Apartments (1st hour calculations 50L)
- 32 x 2 Bedroom Apartments (1st hour calculations 75L)
- 23 x 3 Bedroom Apartments (1st hour calculations 105L)

GAS BOOSTER WARRANTY*:

	Heat Exchanger	Other Components
Parts	5 Years	1 Year
Labour	1 Year	1 Year

*One (1) year warranty on Heat Exchanger when pre-set to 85 or 95°C, Excludes UV system. UV system warranty matches the UV system manufacturer, Components include pumps, system controller, sensors, thermostats and valves.

1 Tropical Climate: NASA Weather Data for the Monthly Averaged Data for Brisbane has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

2 Cool Climate: NASA Weather Data for the Monthly Averaged Data for Melbourne has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

Recovery Rate: The amount of hot water that the water heater can continually produce, usually reported as flow rate in litres per hour that can be maintained for a specific temperature rise through the water heater, assuming no solar.

24 hour hot water capacity: The amount of hot water that can be provided throughout the day if there is a constant draw of hot water, assuming no solar.



SYSTEM MODEL: AGC04-1K4C-321-30

COMPONENTS:

- 4 x Apricus 30 Manifolds
- 120 x Tubes and Heat pipes
- 1 x Grundfos Alpha 225-60N Pump
- 1 x Deltasol Controller
- 1 x 1000L Wilson Stainless Steel Tank
- 1 x 400L Glass Lined Tank in Gas Return Setup
- 1 x Rinnai HD250 Gas Booster
- 1 x Grundfos UPS25-80N
- 1 x Invensys Gas Controller



PERFORMANCE:

All performance values are estimates based on ideal conditions.

Recovery Rate: 1,000 L/hr (50°C temperature rise)

24 Hour Capacity: 24,400 L (50°C temperature rise)

Solar Contribution:

	Tropical Climate ¹		Cool Climate ²	
	Daily Solar Heat (kWh)	Solar Contribution (%)	Daily Solar Heat (kWh)	Solar Contribution (%)
Summer	41	76	41	67
Autumn	34	59	30	46
Winter	33	52	23	32
Spring	42	71	34	51
Annual Total/Average	13,736	64	11,653	48



STC VALUES

Zone 1	Zone 2	Zone 3	Zone 4
145	154	146	132

LEGEND:

	Isolating Valve		Expansion Control Valve
	Unions		Pressure Limiting Valve
	Balancing Valve		Stop Valve
	Check Valve		Tempering Valve
	Temperature Sensor		

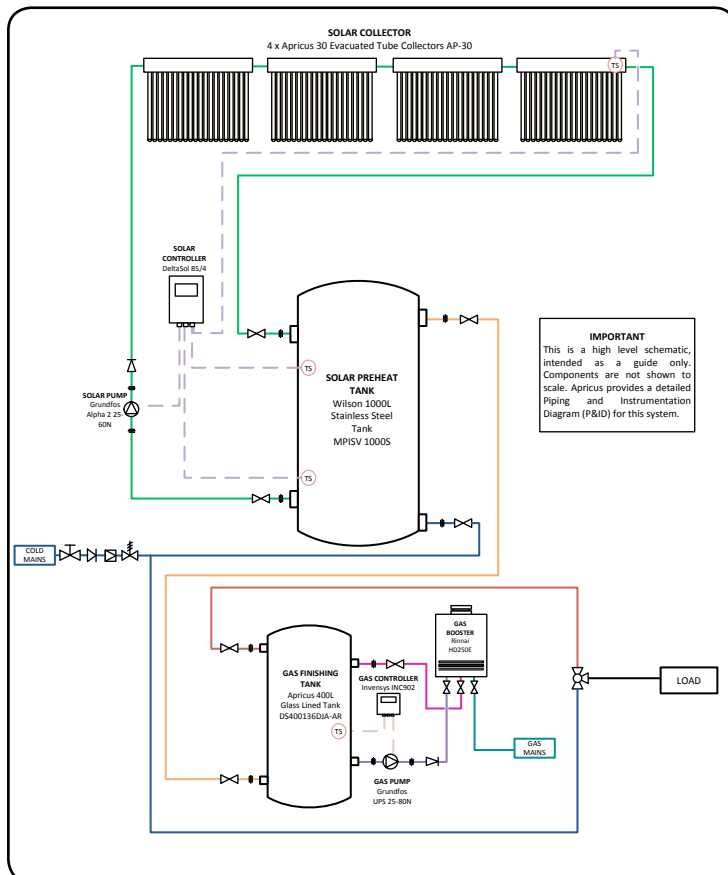
POTENTIAL APPLICATIONS

- 28 x 1 Bedroom Apartments
- 18 x 2 Bedroom Apartments
- 13 x 3 Bedroom Apartments

GAS BOOSTER WARRANTY*:

	Heat Exchanger	Other Components
Parts	5 Years	1 Year
Labour	1 Year	1 Year

*One (1) year warranty on Heat Exchanger when pre-set to 85 or 95°C, Excludes UV system. UV system warranty matches the UV system manufacturer, Components include pumps, system controller, sensors, thermostats and valves.



1 Tropical Climate: NASA Weather Data for the Monthly Averaged Data for Brisbane has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

2 Cool Climate: NASA Weather Data for the Monthly Averaged Data for Melbourne has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

Recovery Rate: The amount of hot water that the water heater can continually produce, usually reported as flow rate in litres per hour that can be maintained for a specific temperature rise through the water heater, assuming no solar.

24 hour hot water capacity: The amount of hot water that can be provided throughout the day if there is a constant draw of hot water, assuming no solar.



SYSTEM MODEL: AGC05-1K4C-321-30

COMPONENTS:

- 5 x Apricus 30 Manifolds
- 150 x Tubes and Heat pipes
- 1 x Grundfos Alpha 225-60N Pump
- 1 x Deltasol Controller
- 1 x 1000L Wilson Stainless Steel Tank
- 1 x 400L Glass Lined Tank in Gas Return Setup
- 1 x Rinnai HD250 Gas Booster
- 1 x Grundfos UPS25-80N
- 1 x Invensys Gas Controller



PERFORMANCE:

All performance values are estimates based on ideal conditions.

Recovery Rate: 1,000 L/hr (50°C temperature rise)

24 Hour Capacity: 24,400 L (50°C temperature rise)

Solar Contribution:

	Tropical Climate ¹		Cool Climate ²	
	Daily Solar Heat (kWh)	Solar Contribution (%)	Daily Solar Heat (kWh)	Solar Contribution (%)
Summer	52	96	51	84
Autumn	43	73	38	58
Winter	42	64	28	40
Spring	52	89	43	64
Annual Total/Average	17,170	80	14,566	60



STC VALUES

Zone 1	Zone 2	Zone 3	Zone 4
184	195	186	170

LEGEND:

	Isolating Valve		Expansion Control Valve
	Unions		Pressure Limiting Valve
	Balancing Valve		Stop Valve
	Check Valve		Tempering Valve
	Temperature Sensor		

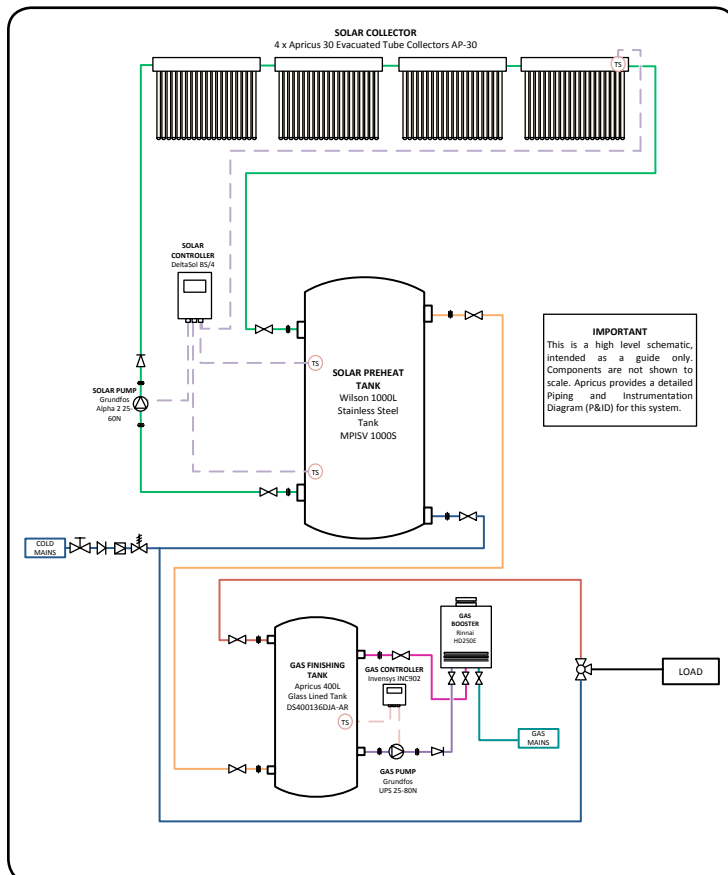
POTENTIAL APPLICATIONS

- 28 x 1 Bedroom Apartments
- 18 x 2 Bedroom Apartments
- 13 x 3 Bedroom Apartments

GAS BOOSTER WARRANTY*:

	Heat Exchanger	Other Components
Parts	5 Years	1 Year
Labour	1 Year	1 Year

*One (1) year warranty on Heat Exchanger when pre-set to 85 or 95°C, Excludes UV system. UV system warranty matches the UV system manufacturer, Components include pumps, system controller, sensors, thermostats and valves.



1 Tropical Climate: NASA Weather Data for the Monthly Averaged Data for Brisbane has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

2 Cool Climate: NASA Weather Data for the Monthly Averaged Data for Melbourne has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

Recovery Rate: The amount of hot water that the water heater can continually produce, usually reported as flow rate in litres per hour that can be maintained for a specific temperature rise through the water heater, assuming no solar.

24 hour hot water capacity: The amount of hot water that can be provided throughout the day if there is a constant draw of hot water, assuming no solar.



SYSTEM MODEL: AGC06-1K4C-321-30

COMPONENTS:

- 6 x Apricus 30 Manifolds
- 180 x Tubes and Heat pipes
- 1 x Grundfos Alpha 225-60N Pump
- 1 x Deltasol Controller
- 1 x 1000L Wilson Stainless Steel Tank
- 1 x 400L Glass Lined Tank in Gas Return Setup
- 1 x Rinnai HD250 Gas Booster
- 1 x Grundfos UPS25-80N
- 1 x Invensys Gas Controller



PERFORMANCE:

All performance values are estimates based on ideal conditions.

Recovery Rate: 1,000 L/hr (50°C temperature rise)

24 Hour Capacity: 24,400 L (50°C temperature rise)

Solar Contribution:

	Tropical Climate ¹		Cool Climate ²	
	Daily Solar Heat (kWh)	Solar Contribution (%)	Daily Solar Heat (kWh)	Solar Contribution (%)
Summer	62	100	61	100
Autumn	51	88	46	69
Winter	50	77	34	48
Spring	63	100	51	77
Annual Total/Average	19,510	91	17,466	72



STC VALUES

Zone 1	Zone 2	Zone 3	Zone 4
218	230	222	205

LEGEND:

	Isolating Valve		Expansion Control Valve
	Unions		Pressure Limiting Valve
	Balancing Valve		Stop Valve
	Check Valve		Tempering Valve
	Temperature Sensor		

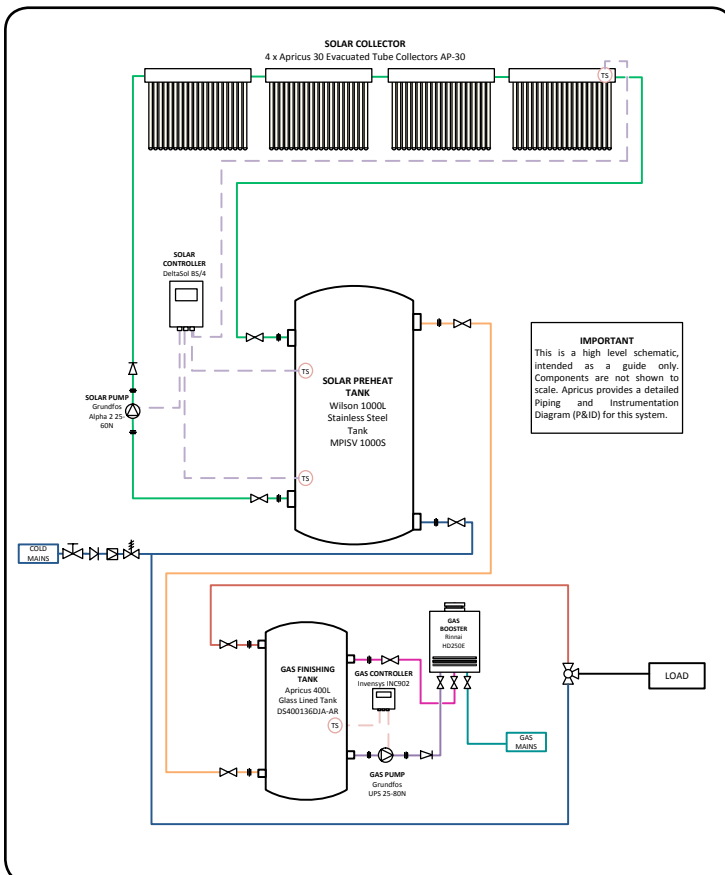
POTENTIAL APPLICATIONS

- 28 x 1 Bedroom Apartments
- 18 x 2 Bedroom Apartments
- 13 x 3 Bedroom Apartments

GAS BOOSTER WARRANTY*:

	Heat Exchanger	Other Components
Parts	5 Years	1 Year
Labour	1 Year	1 Year

*One (1) year warranty on Heat Exchanger when pre-set to 85 or 95°C, Excludes UV system. UV system warranty matches the UV system manufacturer, Components include pumps, system controller, sensors, thermostats and valves.



1 Tropical Climate: NASA Weather Data for the Monthly Averaged Data for Brisbane has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

2 Cool Climate: NASA Weather Data for the Monthly Averaged Data for Melbourne has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

Recovery Rate: The amount of hot water that the water heater can continually produce, usually reported as flow rate in litres per hour that can be maintained for a specific temperature rise through the water heater, assuming no solar.

24 hour hot water capacity: The amount of hot water that can be provided throughout the day if there is a constant draw of hot water, assuming no solar.



SYSTEM MODEL: AGC08-2K4C-322-30

COMPONENTS:

- 8 x Apricus 30 Manifolds
- 240 x Tubes and Heat pipes
- 1 x Grundfos Alpha 225-60N Pump
- 1 x Deltasol Controller
- 2 x 1000L Wilson Stainless Steel Tank
- 1 x 400L Glass Lined Tank in Gas Return Setup
- 2 x Rinnai HD250 Gas Booster
- 1 x Grundfos UPS25-80N
- 1 x Invensys Gas Controller



PERFORMANCE:

All performance values are estimates based on ideal conditions.

Recovery Rate: 2,000 L/hr (50°C temperature rise)

24 Hour Capacity: 48,400 L (50°C temperature rise)

Solar Contribution:

	Tropical Climate ¹		Cool Climate ²	
	Daily Solar Heat (kWh)	Solar Contribution (%)	Daily Solar Heat (kWh)	Solar Contribution (%)
Summer	83	76	81	67
Autumn	68	59	61	46
Winter	66	52	45	32
Spring	84	71	68	51
Annual Total/Average	27,471	64	23,306	48



STC VALUES

Zone 1	Zone 2	Zone 3	Zone 4
311	330	315	289

LEGEND:

	Isolating Valve		Expansion Control Valve
	Unions		Pressure Limiting Valve
	Balancing Valve		Stop Valve
	Check Valve		Tempering Valve
	Temperature Sensor		

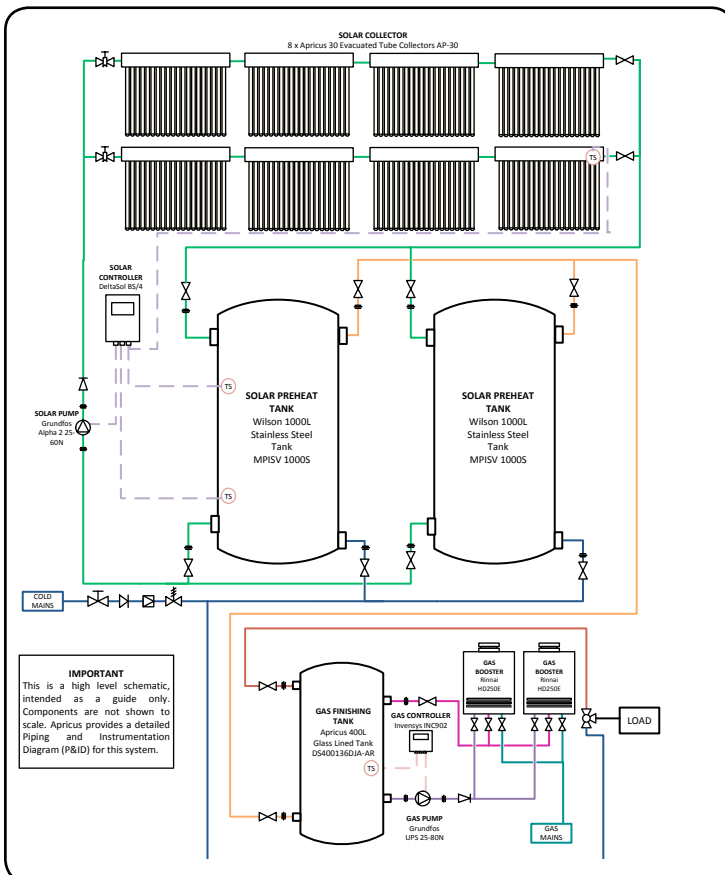
POTENTIAL APPLICATIONS

- 48 x 1 Bedroom Apartments
- 32 x 2 Bedroom Apartments
- 22 x 3 Bedroom Apartments

GAS BOOSTER WARRANTY*:

	Heat Exchanger	Other Components
Parts	5 Years	1 Year
Labour	1 Year	1 Year

*One (1) year warranty on Heat Exchanger when pre-set to 85 or 95°C, Excludes UV system. UV system warranty matches the UV system manufacturer, Components include pumps, system controller, sensors, thermostats and valves.



1 Tropical Climate: NASA Weather Data for the Monthly Averaged Data for Brisbane has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

2 Cool Climate: NASA Weather Data for the Monthly Averaged Data for Melbourne has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

Recovery Rate: The amount of hot water that the water heater can continually produce, usually reported as flow rate in litres per hour that can be maintained for a specific temperature rise through the water heater, assuming no solar.

24 hour hot water capacity: The amount of hot water that can be provided throughout the day if there is a constant draw of hot water, assuming no solar.



SYSTEM MODEL: AGC10-2K4C-322-30

COMPONENTS:

- 10 x Apricus 30 Manifolds
- 300 x Tubes and Heat pipes
- 1 x Grundfos Alpha 225-60N Pump
- 1 x Deltasol Controller
- 2 x 1000L Wilson Stainless Steel Tank
- 1 x 400L Glass Lined Tank in Gas Return Setup
- 2 x Rinnai HD250 Gas Booster
- 1 x Grundfos UPS25-80N
- 1 x Invensys Gas Controller



PERFORMANCE:

All performance values are estimates based on ideal conditions.

Recovery Rate: 2,000 L/hr (50°C temperature rise)

24 Hour Capacity: 48,400 L (50°C temperature rise)

Solar Contribution:

	Tropical Climate ¹		Cool Climate ²	
	Daily Solar Heat (kWh)	Solar Contribution (%)	Daily Solar Heat (kWh)	Solar Contribution (%)
Summer	103	96	102	84
Autumn	85	73	76	58
Winter	83	64	57	40
Spring	105	89	85	64
Annual Total/Average	34,339	80	29,132	60



STC VALUES

Zone 1	Zone 2	Zone 3	Zone 4
369	382	375	349

LEGEND:

	Isolating Valve		Expansion Control Valve
	Unions		Pressure Limiting Valve
	Balancing Valve		Stop Valve
	Check Valve		Tempering Valve
	Temperature Sensor		

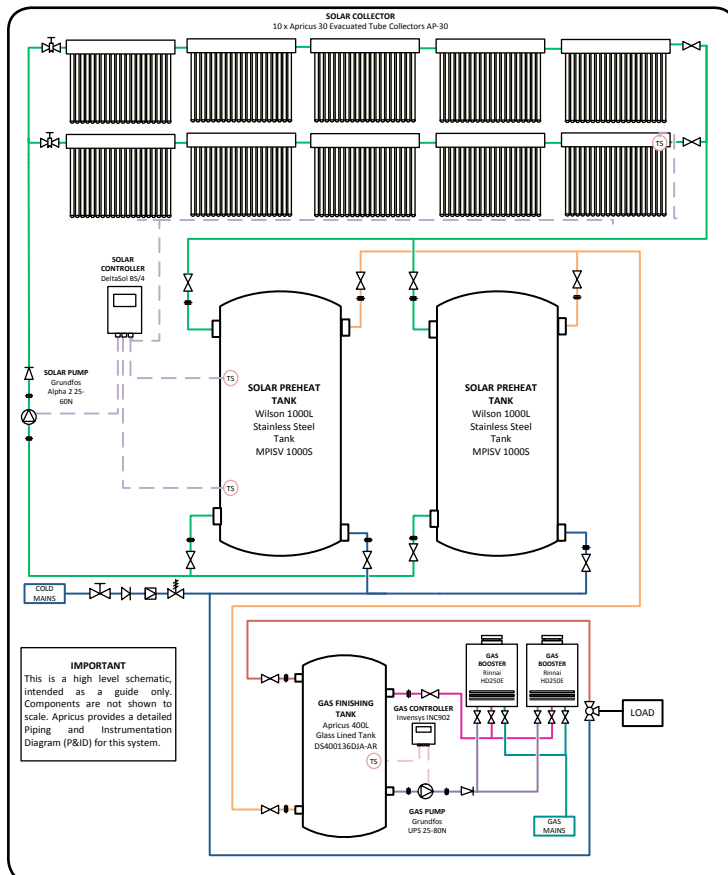
POTENTIAL APPLICATIONS

- 48 x 1 Bedroom Apartments
- 32 x 2 Bedroom Apartments
- 22 x 3 Bedroom Apartments

GAS BOOSTER WARRANTY*:

	Heat Exchanger	Other Components
Parts	5 Years	1 Year
Labour	1 Year	1 Year

*One (1) year warranty on Heat Exchanger when pre-set to 85 or 95°C, Excludes UV system. UV system warranty matches the UV system manufacturer, Components include pumps, system controller, sensors, thermostats and valves.



1 Tropical Climate: NASA Weather Data for the Monthly Averaged Data for Brisbane has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

2 Cool Climate: NASA Weather Data for the Monthly Averaged Data for Melbourne has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

Recovery Rate: The amount of hot water that the water heater can continually produce, usually reported as flow rate in litres per hour that can be maintained for a specific temperature rise through the water heater, assuming no solar.

24 hour hot water capacity: The amount of hot water that can be provided throughout the day if there is a constant draw of hot water, assuming no solar.



SYSTEM MODEL: AGC12-3K4C-323-30

COMPONENTS:

- 12 x Apricus 30 Manifolds
- 360 x Tubes and Heat pipes
- 1 x Grundfos Alpha 225-60N Pump
- 1 x Deltasol Controller
- 3 x 1000L Wilson Stainless Steel Tank
- 1 x 400L Glass Lined Tank in Gas Return Setup
- 3 x Rinnai HD250 Gas Booster
- 1 x Grundfos UPS25-80N
- 1 x Invensys Gas Controller



PERFORMANCE:

All performance values are estimates based on ideal conditions.

Recovery Rate: 3,000 L/hr (50°C temperature rise)

24 Hour Capacity: 72,400 L (50°C temperature rise)

Solar Contribution:

	Tropical Climate ¹		Cool Climate ²	
	Daily Solar Heat (kWh)	Solar Contribution (%)	Daily Solar Heat (kWh)	Solar Contribution (%)
Summer	124	76	122	67
Autumn	102	59	91	46
Winter	100	52	68	32
Spring	125	71	102	51
Annual Total/Average	41,207	64	34,959	48



STC VALUES

Zone 1	Zone 2	Zone 3	Zone 4
479	507	485	446

LEGEND:

	Isolating Valve		Expansion Control Valve
	Unions		Pressure Limiting Valve
	Balancing Valve		Stop Valve
	Check Valve		Tempering Valve
	Temperature Sensor		

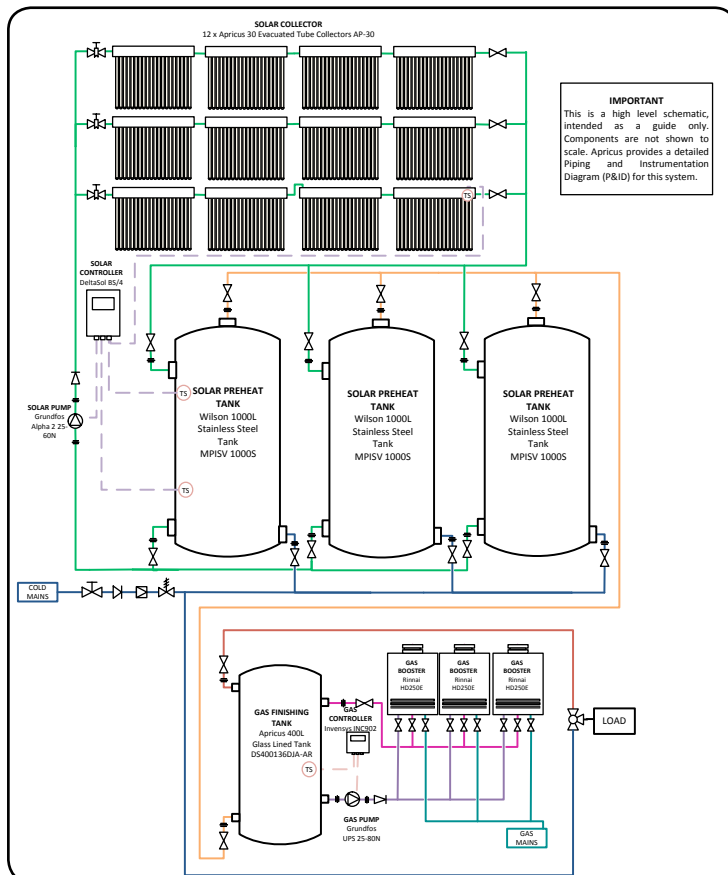
POTENTIAL APPLICATIONS

- 68 x 1 Bedroom Apartments
- 45 x 2 Bedroom Apartments
- 32 x 3 Bedroom Apartments

GAS BOOSTER WARRANTY*:

	Heat Exchanger	Other Components
Parts	5 Years	1 Year
Labour	1 Year	1 Year

*One (1) year warranty on Heat Exchanger when pre-set to 85 or 95°C, Excludes UV system. UV system warranty matches the UV system manufacturer, Components include pumps, system controller, sensors, thermostats and valves.



1 Tropical Climate: NASA Weather Data for the Monthly Averaged Data for Brisbane has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

2 Cool Climate: NASA Weather Data for the Monthly Averaged Data for Melbourne has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

Recovery Rate: The amount of hot water that the water heater can continually produce, usually reported as flow rate in litres per hour that can be maintained for a specific temperature rise through the water heater, assuming no solar.

24 hour hot water capacity: The amount of hot water that can be provided throughout the day if there is a constant draw of hot water, assuming no solar.



SYSTEM MODEL: AGC15-3K4C-323-30

COMPONENTS:

- 15 x Apricus 30 Manifolds
- 450 x Tubes and Heat pipes
- 1 x Grundfos Alpha 225-60N Pump
- 1 x Deltasol Controller
- 3 x 1000L Wilson Stainless Steel Tank
- 1 x 400L Glass Lined Tank in Gas Return Setup
- 3 x Rinnai HD250 Gas Booster
- 1 x Grundfos UPS25-80N
- 1 x Invensys Gas Controller



PERFORMANCE:

All performance values are estimates based on ideal conditions.

Recovery Rate: 3,000 L/hr (50°C temperature rise)

24 Hour Capacity: 72,400 L (50°C temperature rise)

Solar Contribution:

	Tropical Climate ¹		Cool Climate ²	
	Daily Solar Heat (kWh)	Solar Contribution (%)	Daily Solar Heat (kWh)	Solar Contribution (%)
Summer	155	96	152	84
Autumn	128	73	114	58
Winter	125	64	85	40
Spring	157	89	128	64
Annual Total/Average	51,509	80	43,699	60



STC VALUES

Zone 1	Zone 2	Zone 3	Zone 4
520	535	547	528

LEGEND:

	Isolating Valve		Expansion Control Valve
	Unions		Pressure Limiting Valve
	Balancing Valve		Stop Valve
	Check Valve		Tempering Valve
	Temperature Sensor		

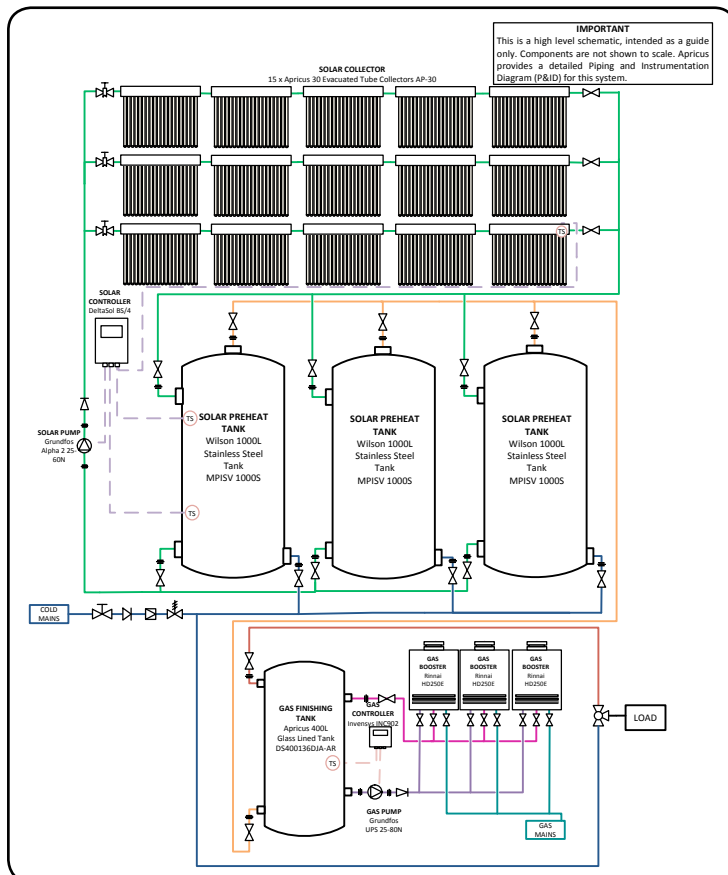
POTENTIAL APPLICATIONS

- 68 x 1 Bedroom Apartments
- 45 x 2 Bedroom Apartments
- 32 x 3 Bedroom Apartments

GAS BOOSTER WARRANTY*:

	Heat Exchanger	Other Components
Parts	5 Years	1 Year
Labour	1 Year	1 Year

*One (1) year warranty on Heat Exchanger when pre-set to 85 or 95°C, Excludes UV system. UV system warranty matches the UV system manufacturer, Components include pumps, system controller, sensors, thermostats and valves.



1 Tropical Climate: NASA Weather Data for the Monthly Averaged Data for Brisbane has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

2 Cool Climate: NASA Weather Data for the Monthly Averaged Data for Melbourne has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

Recovery Rate: The amount of hot water that the water heater can continually produce, usually reported as flow rate in litres per hour that can be maintained for a specific temperature rise through the water heater, assuming no solar.

24 hour hot water capacity: The amount of hot water that can be provided throughout the day if there is a constant draw of hot water, assuming no solar.

SYSTEM MODEL: AEC04-1K0C-MDC-30

COMPONENTS:

- 4 x Apricus 30 Manifolds
- 120 x Tubes and Heat pipes
- 1 x 1000L Wilson Stainless Steel Tank
- 1 x Deltasol Controller
- 1 x Grundfos Alpha 2 25-60N Pump




PERFORMANCE:

All performance values are estimates based on ideal conditions.

- Recovery Rate:** 413 L/hr (50°C temperature rise)
- 24 Hour Capacity:** 10,912 L (50°C temperature rise)
- Solar Contribution:**

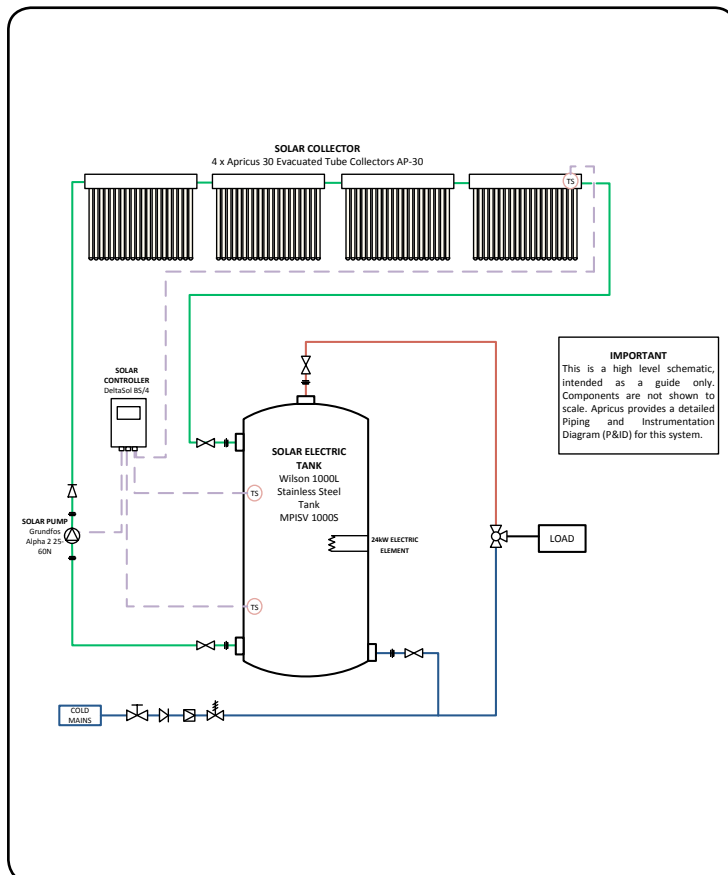
	Tropical Climate ¹		Cool Climate ²	
	Daily Solar Heat (kWh)	Solar Contribution (%)	Daily Solar Heat (kWh)	Solar Contribution (%)
Summer	41	76	41	67
Autumn	34	59	30	46
Winter	33	52	23	32
Spring	42	71	34	51
Annual Total/Average	13,736	64	11,653	48



STC VALUES			
Zone 1	Zone 2	Zone 3	Zone 4
127	130	133	124

LEGEND:

- Isolating Valve
- Unions
- Balancing Valve
- Check Valve
- Temperature Sensor
- Expansion Control Valve
- Pressure Limiting Valve
- Stop Valve
- Tempering Valve



POTENTIAL APPLICATIONS

- 28 x 1 Bedroom Apartments
- 18 x 2 Bedroom Apartments
- 13 x 3 Bedroom Apartments

GAS BOOSTER WARRANTY*:

	Heat Exchanger	Other Components
Parts	5 Years	1 Year
Labour	1 Year	1 Year

*One (1) year warranty on Heat Exchanger when pre-set to 85 or 95°C, Excludes UV system. UV system warranty matches the UV system manufacturer, Components include pumps, system controller, sensors, thermostats and valves.

1 Tropical Climate: NASA Weather Data for the Monthly Averaged Data for Brisbane has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

2 Cool Climate: NASA Weather Data for the Monthly Averaged Data for Melbourne has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

Recovery Rate: The amount of hot water that the water heater can continually produce, usually reported as flow rate in litres per hour that can be maintained for a specific temperature rise through the water heater, assuming no solar.

24 hour hot water capacity: The amount of hot water that can be provided throughout the day if there is a constant draw of hot water, assuming no solar.

SYSTEM MODEL: AEC05-1K0C-MDC-30

COMPONENTS:

- 5 x Apricus 30 Manifolds
- 150 x Tubes and Heat pipes
- 1 x 1000L Wilson Stainless Steel Tank
- 1 x Deltasol Controller
- 1 x Grundfos Alpha 2 25-60N Pump



PERFORMANCE:

All performance values are estimates based on ideal conditions.

- Recovery Rate:** 413 L/hr (50°C temperature rise)
- 24 Hour Capacity:** 10,912 L (50°C temperature rise)
- Solar Contribution:**

	Tropical Climate ¹		Cool Climate ²	
	Daily Solar Heat (kWh)	Solar Contribution (%)	Daily Solar Heat (kwh)	Solar Contribution (%)
Summer	52	96	51	84
Autumn	43	73	38	58
Winter	42	64	28	40
Spring	52	89	43	64
Annual Total/Average	17,170	80	14,556	60

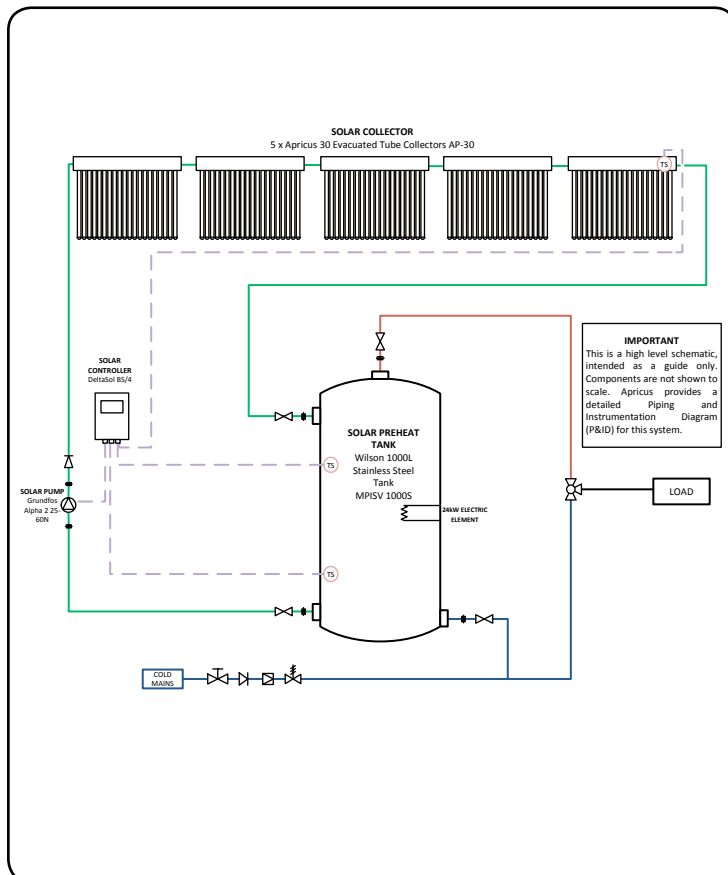


STC VALUES

Zone 1	Zone 2	Zone 3	Zone 4
150	156	162	153

LEGEND:

- Isolating Valve
- Unions
- Balancing Valve
- Check Valve
- Temperature Sensor
- Expansion Control Valve
- Pressure Limiting Valve
- Stop Valve
- Tempering Valve



POTENTIAL APPLICATIONS

- 28 x 1 Bedroom Apartments
- 18 x 2 Bedroom Apartments
- 13 x 3 Bedroom Apartments

GAS BOOSTER WARRANTY*:

	Heat Exchanger	Other Components
Parts	5 Years	1 Year
Labour	1 Year	1 Year

*One (1) year warranty on Heat Exchanger when pre-set to 85 or 95°C, Excludes UV system. UV system warranty matches the UV system manufacturer, Components include pumps, system controller, sensors, thermostats and valves.

1 Tropical Climate: NASA Weather Data for the Monthly Averaged Data for Brisbane has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

2 Cool Climate: NASA Weather Data for the Monthly Averaged Data for Melbourne has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

Recovery Rate: The amount of hot water that the water heater can continually produce, usually reported as flow rate in litres per hour that can be maintained for a specific temperature rise through the water heater, assuming no solar.

24 hour hot water capacity: The amount of hot water that can be provided throughout the day if there is a constant draw of hot water, assuming no solar.



SYSTEM MODEL: AEC06-1K0C-MDC-30

COMPONENTS:

- 6 x Apricus 30 Manifolds
- 180 x Tubes and Heat pipes
- 1 x 1000L Wilson Stainless Steel Tank
- 1 x Deltasol Controller
- 1 x Grundfos Alpha 2 25-60N Pump



PERFORMANCE:

All performance values are estimates based on ideal conditions.

- Recovery Rate:** 413 L/hr (50°C temperature rise)
- 24 Hour Capacity:** 10,912 L (50°C temperature rise)
- Solar Contribution:**

	Tropical Climate ¹		Cool Climate ²	
	Daily Solar Heat (kWh)	Solar Contribution (%)	Daily Solar Heat (kwh)	Solar Contribution (%)
Summer	62	100	61	100
Autumn	51	88	46	69
Winter	50	77	34	48
Spring	63	100	51	77
Annual Total/Average	19,510	91	17,446	72

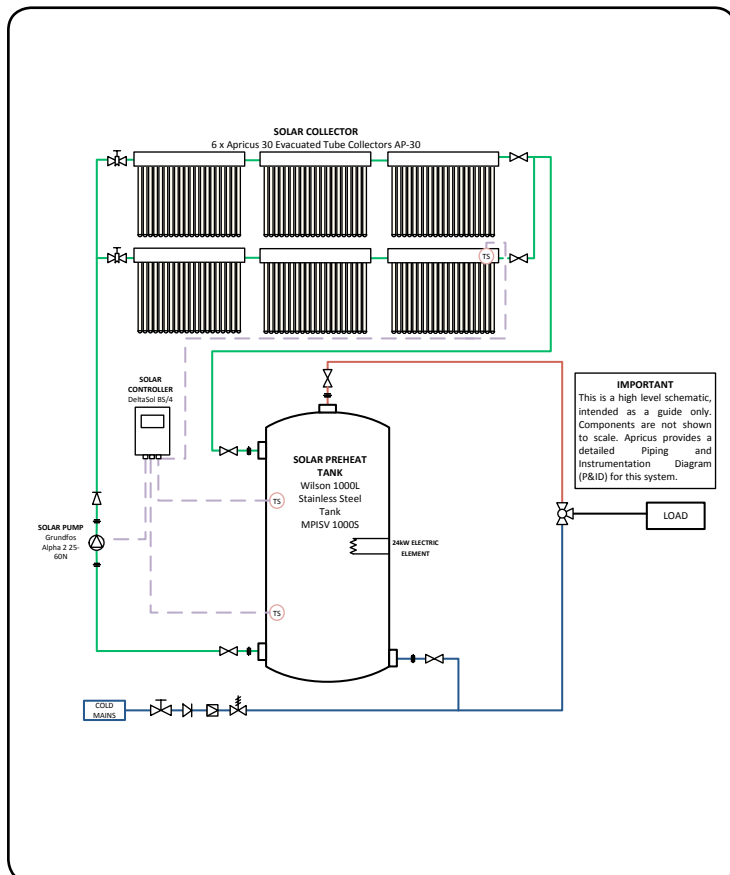


STC VALUES

Zone 1	Zone 2	Zone 3	Zone 4
167	171	181	174

LEGEND:

- Isolating Valve
- Unions
- Balancing Valve
- Check Valve
- Temperature Sensor
- Expansion Control Valve
- Pressure Limiting Valve
- Stop Valve
- Tempering Valve



POTENTIAL APPLICATIONS

- 28 x 1 Bedroom Apartments
- 18 x 2 Bedroom Apartments
- 13 x 3 Bedroom Apartments

GAS BOOSTER WARRANTY*:

	Heat Exchanger	Other Components
Parts	5 Years	1 Year
Labour	1 Year	1 Year

*One (1) year warranty on Heat Exchanger when pre-set to 85 or 95°C, Excludes UV system. UV system warranty matches the UV system manufacturer, Components include pumps, system controller, sensors, thermostats and valves.

1 Tropical Climate: NASA Weather Data for the Monthly Averaged Data for Brisbane has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

2 Cool Climate: NASA Weather Data for the Monthly Averaged Data for Melbourne has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

Recovery Rate: The amount of hot water that the water heater can continually produce, usually reported as flow rate in litres per hour that can be maintained for a specific temperature rise through the water heater, assuming no solar.

24 hour hot water capacity: The amount of hot water that can be provided throughout the day if there is a constant draw of hot water, assuming no solar.



SYSTEM MODEL: AEC08-2K0C-MDC-30

COMPONENTS:

- 8 x Apricus 30 Manifolds
- 240 x Tubes and Heat pipes
- 2 x 1000L Wilson Stainless Steel Tank
- 1 x Deltasol Controller
- 1 x Grundfos Alpha 2 25-60N Pump



PERFORMANCE:

All performance values are estimates based on ideal conditions.

- Recovery Rate:** 826 L/hr (50°C temperature rise)
- 24 Hour Capacity:** 21,824 L (50°C temperature rise)
- Solar Contribution:**

	Tropical Climate ¹		Cool Climate ²	
	Daily Solar Heat (kWh)	Solar Contribution (%)	Daily Solar Heat (kWh)	Solar Contribution (%)
Summer	83	76	81	67
Autumn	68	59	61	46
Winter	66	52	45	32
Spring	84	71	68	51
Annual Total/Average	27,471	64	23,306	48



STC VALUES

Zone 1	Zone 2	Zone 3	Zone 4
260	271	277	259

LEGEND:

- Isolating Valve
- Unions
- Balancing Valve
- Check Valve
- Temperature Sensor
- Expansion Control Valve
- Pressure Limiting Valve
- Stop Valve
- Tempering Valve

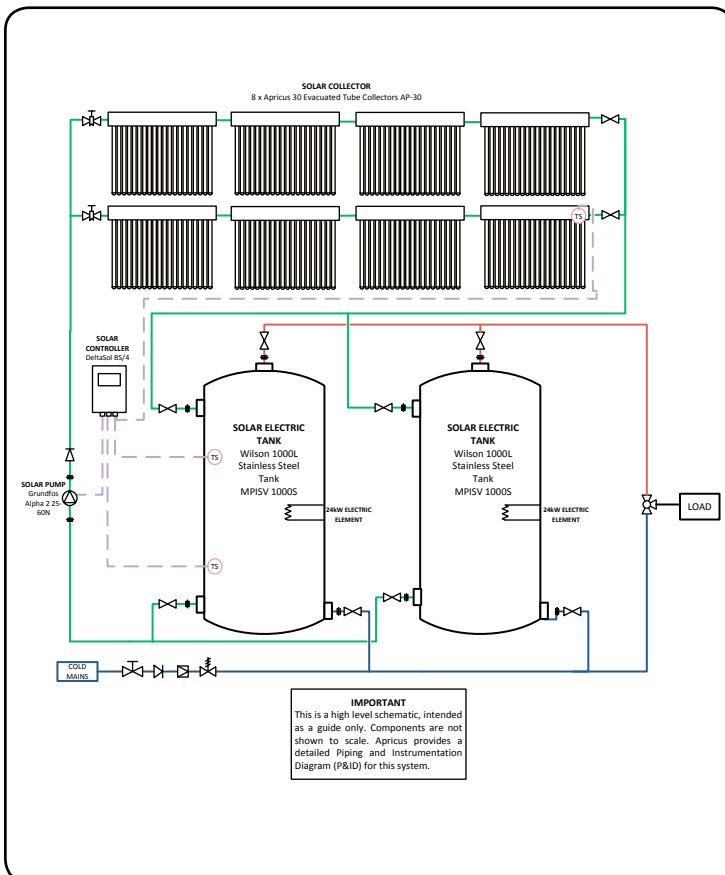
POTENTIAL APPLICATIONS

- 48 x 1 Bedroom Apartments
- 32 x 2 Bedroom Apartments
- 22 x 3 Bedroom Apartments

GAS BOOSTER WARRANTY*:

	Heat Exchanger	Other Components
Parts	5 Years	1 Year
Labour	1 Year	1 Year

*One (1) year warranty on Heat Exchanger when pre-set to 85 or 95°C, Excludes UV system. UV system warranty matches the UV system manufacturer, Components include pumps, system controller, sensors, thermostats and valves.



- 1 Tropical Climate:** NASA Weather Data for the Monthly Averaged Data for Brisbane has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.
- 2 Cool Climate:** NASA Weather Data for the Monthly Averaged Data for Melbourne has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.
- Recovery Rate:** The amount of hot water that the water heater can continually produce, usually reported as flow rate in litres per hour that can be maintained for a specific temperature rise through the water heater, assuming no solar.
- 24 hour hot water capacity:** The amount of hot water that can be provided throughout the day if there is a constant draw of hot water, assuming no solar.



SYSTEM MODEL: AEC10-2K0C-MDC-30

COMPONENTS:

- 10 x Apricus 30 Manifolds
- 300 x Tubes and Heat pipes
- 2 x 1000L Wilson Stainless Steel Tank
- 1 x Deltasol Controller
- 1 x Grundfos Alpha 2 25-60N Pump



PERFORMANCE:

All performance values are estimates based on ideal conditions.

- Recovery Rate:** 826 L/hr (50°C temperature rise)
- 24 Hour Capacity:** 21,824 L (50°C temperature rise)
- Solar Contribution:**

	Tropical Climate ¹		Cool Climate ²	
	Daily Solar Heat (kWh)	Solar Contribution (%)	Daily Solar Heat (kWh)	Solar Contribution (%)
Summer	103	96	102	84
Autumn	85	73	76	58
Winter	83	64	57	40
Spring	105	89	85	64
Annual Total/Average	34,339	80	29,132	60

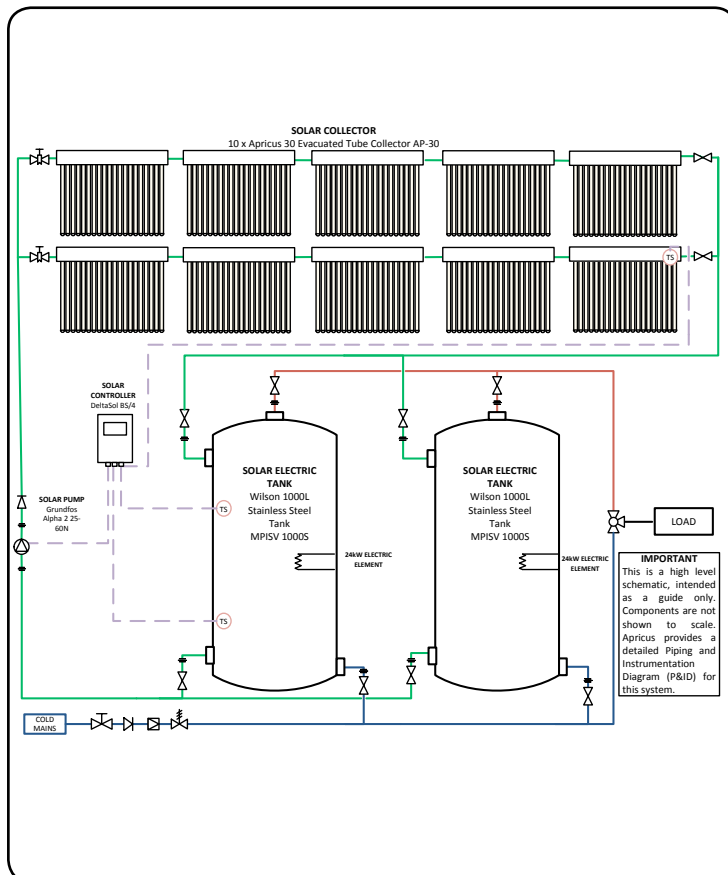


STC VALUES

Zone 1	Zone 2	Zone 3	Zone 4
300	311	326	308

LEGEND:

- Isolating Valve
- Unions
- Balancing Valve
- Check Valve
- Temperature Sensor
- Expansion Control Valve
- Pressure Limiting Valve
- Stop Valve
- Tempering Valve



POTENTIAL APPLICATIONS

- 48 x 1 Bedroom Apartments
- 32 x 2 Bedroom Apartments
- 22 x 3 Bedroom Apartments

GAS BOOSTER WARRANTY*:

	Heat Exchanger	Other Components
Parts	5 Years	1 Year
Labour	1 Year	1 Year

*One (1) year warranty on Heat Exchanger when pre-set to 85 or 95°C, Excludes UV system. UV system warranty matches the UV system manufacturer, Components include pumps, system controller, sensors, thermostats and valves.

1 Tropical Climate: NASA Weather Data for the Monthly Averaged Data for Brisbane has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

2 Cool Climate: NASA Weather Data for the Monthly Averaged Data for Melbourne has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

Recovery Rate: The amount of hot water that the water heater can continually produce, usually reported as flow rate in litres per hour that can be maintained for a specific temperature rise through the water heater, assuming no solar.

24 hour hot water capacity: The amount of hot water that can be provided throughout the day if there is a constant draw of hot water, assuming no solar.



SYSTEM MODEL: AEC12-3K0C-MDC-30

COMPONENTS:

- 12 x Apricus 30 Manifolds
- 360 x Tubes and Heat pipes
- 3 x 1000L Wilson Stainless Steel Tank
- 1 x Deltasol Controller
- 1 x Grundfos Alpha 2 25-60N Pump



PERFORMANCE:

All performance values are estimates based on ideal conditions.

- Recovery Rate:** 1,239 L/hr (50°C temperature rise)
- 24 Hour Capacity:** 23,736 L (50°C temperature rise)
- Solar Contribution:**

	Tropical Climate ¹		Cool Climate ²	
	Daily Solar Heat (kWh)	Solar Contribution (%)	Daily Solar Heat (kwh)	Solar Contribution (%)
Summer	124	96	122	67
Autumn	102	73	91	46
Winter	100	64	68	32
Spring	125	89	102	51
Annual Total/Average	41,207	64	34,959	48

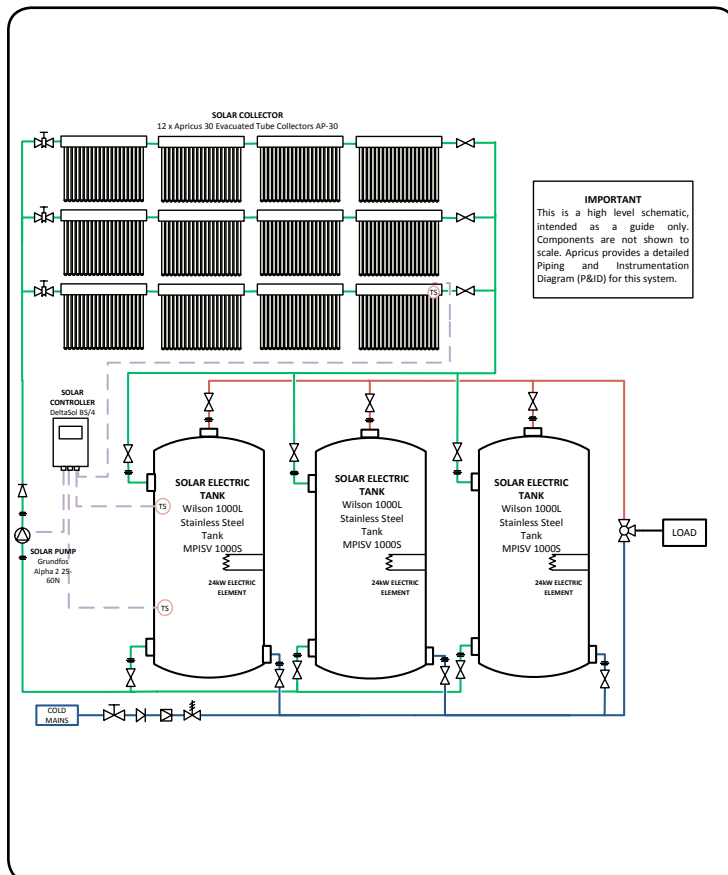


STC VALUES

Zone 1	Zone 2	Zone 3	Zone 4
395	410	421	394

LEGEND:

- Isolating Valve
- Unions
- Balancing Valve
- Check Valve
- Temperature Sensor
- Expansion Control Valve
- Pressure Limiting Valve
- Stop Valve
- Tempering Valve



POTENTIAL APPLICATIONS

- 68 x 1 Bedroom Apartments
- 45 x 2 Bedroom Apartments
- 32 x 3 Bedroom Apartments

GAS BOOSTER WARRANTY*:

	Heat Exchanger	Other Components
Parts	5 Years	1 Year
Labour	1 Year	1 Year

*One (1) year warranty on Heat Exchanger when pre-set to 85 or 95°C, Excludes UV system. UV system warranty matches the UV system manufacturer, Components include pumps, system controller, sensors, thermostats and valves.

1 Tropical Climate: NASA Weather Data for the Monthly Averaged Data for Brisbane has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

2 Cool Climate: NASA Weather Data for the Monthly Averaged Data for Melbourne has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

Recovery Rate: The amount of hot water that the water heater can continually produce, usually reported as flow rate in litres per hour that can be maintained for a specific temperature rise through the water heater, assuming no solar.

24 hour hot water capacity: The amount of hot water that can be provided throughout the day if there is a constant draw of hot water, assuming no solar.



SYSTEM MODEL: AEC15-3K0C-MDC-30

COMPONENTS:

- 15 x Apricus 30 Manifolds
- 450 x Tubes and Heat pipes
- 3 x 1000L Wilson Stainless Steel Tank
- 1 x Deltasol Controller
- 1 x Grundfos Alpha 2 25-60N Pump



PERFORMANCE:

All performance values are estimates based on ideal conditions.

- Recovery Rate:** 1,239 L/hr (50°C temperature rise)
- 24 Hour Capacity:** 23,736 L (50°C temperature rise)
- Solar Contribution:**

	Tropical Climate ¹		Cool Climate ²	
	Daily Solar Heat (kWh)	Solar Contribution (%)	Daily Solar Heat (kWh)	Solar Contribution (%)
Summer	155	96	152	84
Autumn	128	73	114	58
Winter	125	64	85	40
Spring	157	89	128	64
Annual Total/Average	51,509	80	43,699	60



STC VALUES

Zone 1	Zone 2	Zone 3	Zone 4
459	475	498	470

LEGEND:

- Isolating Valve
- Unions
- Balancing Valve
- Check Valve
- Temperature Sensor
- Expansion Control Valve
- Pressure Limiting Valve
- Stop Valve
- Tempering Valve

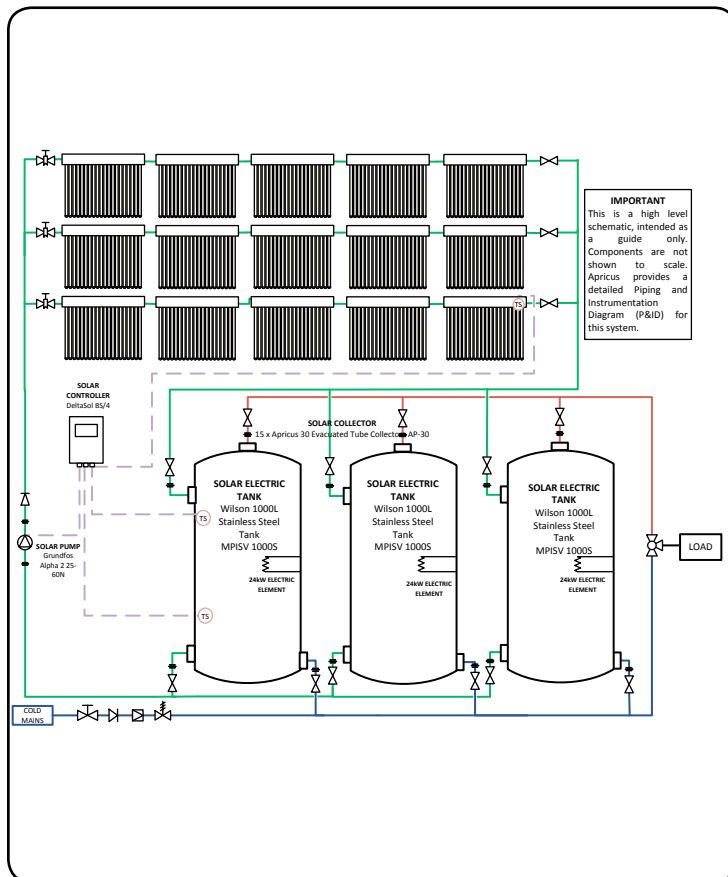
POTENTIAL APPLICATIONS

- 68 x 1 Bedroom Apartments
- 45 x 2 Bedroom Apartments
- 32 x 3 Bedroom Apartments

GAS BOOSTER WARRANTY*:

	Heat Exchanger	Other Components
Parts	5 Years	1 Year
Labour	1 Year	1 Year

*One (1) year warranty on Heat Exchanger when pre-set to 85 or 95°C, Excludes UV system. UV system warranty matches the UV system manufacturer, Components include pumps, system controller, sensors, thermostats and valves.



1 Tropical Climate: NASA Weather Data for the Monthly Averaged Data for Brisbane has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

2 Cool Climate: NASA Weather Data for the Monthly Averaged Data for Melbourne has been used for this calculation to determine average daily insolation and inlet water temperature. A 30 Degree Tilt is assumed.

Recovery Rate: The amount of hot water that the water heater can continually produce, usually reported as flow rate in litres per hour that can be maintained for a specific temperature rise through the water heater, assuming no solar.

24 hour hot water capacity: The amount of hot water that can be provided throughout the day if there is a constant draw of hot water, assuming no solar.