



# STANDARDSMARK LICENCE

*SAI Global hereby grants to:*

**Focus Technology Co. Ltd.**

**Nanjing High-Tech Development Zone, Building 8. 402 Pu Kou, NANJING JIANGSU 210061, CHINA**

*"the Licensee" the right to use the STANDARDSMARK as shown above only in respect of the goods described and detailed in the Schedule which are produced by the Licensee and which comply with the appropriate Standard referred to below as from time to time amended. The Licence is granted subject to the rules governing the use of the STANDARDSMARK and the Terms and Conditions for certification and licence. The Licensee covenants to comply with all the Rules and Terms and Conditions.*

*Manufactured to:*

**AS/NZS 2712 - Solar and heat pump water heaters - Design and construction**

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**Licence No.: SMKP20405**  
**Issue Date: 24 March 2005**

**Certified Date: 15 February 2005**  
**Expiry Date: 14 February 2010**

Alex Ezrakhovich - General Manager Certification  
For and on behalf of SAI Global

Authorised Local Signatory, SAI Global



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Acc No. Z1440295AS





Australian  
Standard

# STANDARDSMARK SCHEDULE

**Focus Technology Co. Ltd.**

Nanjing High-Tech Development Zone, Building 8. 402 Pu Kou, NANJING JIANGSU 210061,  
CHINA

**AS/NZS 2712: 2002 - Solar and heat pump water heaters - Design and construction**

*Model identification of the goods on which the STANDARDSMARK may be used:*

**SOLAR WATER SYSTEMS  
TYPE: PUMPED/DIRECT**

**BRAND NAME: APRICUS**

**WORKING PRESSURE: 800KPA MAX.**

System Model No	Container Model Id	Collector Model Id.	# Collectors	Size (Storage Capacity) Liters	Booster Type Gas/Electric	System Performance (Annual Energy Savings %) Z1/Z2/Z3/Z4	System Performance (Annual Savings Mwh)Z1/Z2/Z3/Z4
AE-250-10	Everlast 250LT	AP-10	1	250	Electric	35/41/35/28	1.4/1.3/1.4/1.1
AE-250-22	Everlast 250LT	AP-22	1	250	Electric	60/71/60/49	2.4/2.4/2.0/2.0
AE-315-30	Everlast 250LT	AP-30	1	315	Electric	67/78/67/55	2.7/2.7/2.7/2.3
AG-250-21NG-10	Everlast 250LT	AP-10	1	250	Gas Instantaneous (Bosch 21E)	32/39/32/27	1.8/1.8/1.8/1.5
AG-250-21NG-22	Everlast 250LT	AP-22	1	250	Gas Instantaneous (Bosch 21E)	53/66/53/45	3.0/3.2/3.0/2.6
AG-250-21NG-30	Everlast 250LT	AP-30	1	250	Gas Instantaneous (Bosch 21E)	66/79/66/55	3.8/3.9/3.8/3.2
AG-315-21NG-30	Everlast 315LT	AP-30	1	315	Gas Instantaneous (Bosch 21E)	66/88/66/55	3.7/3.9/3.7/3.2
AG-315-25NG-30	Everlast 315LT	AP-30	1	315	Gas Instantaneous (Bosch 25E)	66/79/66/55	3.7/3.9/3.7/3.2

**Licence No.: SMKP20405**

**Issue Date: 24 March 2005**

This schedule supersedes all previously issued schedules



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# STANDARDSMARK SCHEDULE

System Model No	Container Model Id	Collector Model Id.	# Collectors	Size (Storage Capacity) Liters	Booster Type Gas/Electric	System Performance (Annual Energy Savings %) Z1/Z2/Z3/Z4	System Performance (Annual Savings Mwh)Z1/Z2/Z3/Z4
AG-315-25NG-40	Everlast 315LT	AP-30 + AP-10	1	250	Gas Instantaneous (Bosch 25E)	76/88/76/65	4.3/4.4/4.3/3.8
AG-250-21LP-10	Everlast 250LT	AP-10	1	250	Gas Instantaneous (Bosch 21E)	32/39/32/27	1.8/1.8/1.8/1.5
AG-250-21LP-22	Everlast 250LT	AP-22	1	250	Gas Instantaneous (Bosch 21E)	53/66/53/45	3.0/3.2/3.0/2.6
AG-250-21LP-30	Everlast 250LT	AP-30	1	250	Gas Instantaneous (Bosch 21E)	66/79/66/55	3.8/3.9/3.8/3.2
AG-315-21LP-30	Everlast 315LT	AP-30	1	315	Gas Instantaneous (Bosch 21E)	66/88/66/55	3.7/3.9/3.7/3.2
AG-315-25LP-30	Everlast 315LT	AP-30	1	315	Gas Instantaneous (Bosch 25E)	66/79/66/55	3.7/3.9/3.7/3.2
AG-315-21LP-40	Everlast 315LT	AP-30 + AP 10	1	315	Gas Instantaneous (Bosch 21E)	76/88/76/65	4.34.4/4.3/3.8

## COLLECTORS

TYPE: Evacuated Tube BRAND NAME: APRICUS  
INLET/ OUTLET CONNECTION: 22MM

WORKING PRESSURE: 800KPA MAX.

Collector Model No	Collector Operation	Collector Aperture m <sup>2</sup>	No. of Tubes	Collector Performance ISO 9806 (at 800 W/ m <sup>2</sup> )			Collector Weight Empty (kg)
				$\eta_0$	a 1	a 2	
AP-10	Heat Pipe	0.938	10	0.614	1.3	0.0073	35
AP-20	Heat Pipe	1.876	20				63
AP-22	Heat Pipe	2.06	22				71
AP-30	Heat Pipe	2.814	30				95

End of Record

Alex Ezrakhovich - General Manager Certification  
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