

IAPMO R&T OCEANA

4 Florence Street, Burwood, VIC 3125 AUSTRALIA



IAPMO R&T Oceana is a product certification body which inspects and arranges for the independent laboratory testing of samples taken from the manufacturer's stock or from the market or a combination of both, to verify compliance of the requirements of applicable Standards and Specifications. This activity is coupled with periodic surveillance of the certified product taken from the market place or the manufacturer's factory. This certification is subject to the conditions set forth in the characteristics below and is not to be construed as any recommendation, assurance or guarantee by IAPMO R&T Oceana of the product acceptance by Authorities Having Jurisdiction.

OCEANAMARK CERTIFICATE

IAPMO R&T Oceana hereby grants to:

Kingspan Renewables Ltd.

180 Gildord Road, Portadown, Co. Arhagh, Northern Ireland, BT 63 5LF, United Kingdom

the right to use the OceanaMark in accordance with IAPMO Oceana Pty Ltd 'Mark Rules' on the product as described in the attached OceanaMark Schedule. The Certificate is granted subject to IAPMO Oceana Pty Ltd 'Governance Rules'.

Evaluated to:

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

Manufactured by:

Kingspan Renewables Ltd.

Certificate No.: OMK30019

Certified Date: 23 December 2010

Issue Date: 3 March 2012

Expiry Date: 22 December 2015

A handwritten signature in red ink that reads "Ron Chaney".

Chief Executive Officer of the IAPMO Group

This OceanaMark certification is for the period indicated herein and is void after the date shown above. Any change in material, manufacturing process, marking or design without having first obtained the approval of IAPMO R&T Oceana, or any evidence of non-compliance with applicable Standards, Specifications or of inferior workmanship, may be deemed sufficient cause for revocation of this certification. Reproduction of or reference to this certificate for advertising purposes may be made only by specific written permission of IAPMO R&T Oceana. Any alteration of this certificate could be grounds for revocation of this certification.

OCEANAMARK SCHEDULE

Certificate Holder: Kingspan Renewables Ltd. Address: 180 Gildord Road, Portadown Co. Armagh, Northern Ireland, BT 63 5LF United Kingdom	Certificate No.: OMK00019 Issue Date: 3-Apr-12 Expiry Date: 22-Dec-15 First Certified: 23-Dec-10 Standards: AS/NZS 2712:2007 Inc. Amendments 1 & 2 Solar and heat pump water heaters - Design and construction
Manufacturer: Kingspan Renewables Ltd.	

Std/Spec: AS/NZS 2712:2007					Certificate No.: OMK00019	
Brand Name	Model Name	Model ID	Product Type	Product Description	Application	Collector Designation
Kingspan	Thermomax	DF100-10	Solar Water Heater Collector	10 X DF100 Evacuated Tubes	For use with Tyfocor® LS glycol only	DF100 Evacuated Tubes
Kingspan	Thermomax	DF100-20	Solar Water Heater Collector	20 X DF100 Evacuated Tubes	For use with Tyfocor® LS glycol only	DF100 Evacuated Tubes
Kingspan	Thermomax	DF100-30	Solar Water Heater Collector	30 X DF100 Evacuated Tubes	For use with Tyfocor® LS glycol only	DF100 Evacuated Tubes
Kingspan	Thermomax	HP250-10	Solar Water Heater Collector	10X HP250 Evacuated Tubes	For use with Tyfocor® LS glycol only	HP250 Evacuated Tubes
Kingspan	Thermomax	HP250-20	Solar Water Heater Collector	20 X HP250 Evacuated Tubes	For use with Tyfocor® LS glycol only	HP250 Evacuated Tubes
Kingspan	Thermomax	HP250-30	Solar Water Heater Collector	30 X HP250 Evacuated Tubes	For use with Tyfocor® LS glycol only	HP250 Evacuated Tubes
Kingspan	Thermomax	HP400-20	Solar Water Heater Collector	20 X HP400 Evacuated Tubes	For use with Tyfocor® LS glycol only	HP400 Evacuated Tubes
Kingspan	Thermomax	HP400-30	Solar Water Heater Collector	30 X HP400 Evacuated Tubes	For use with Tyfocor® LS glycol only	HP400 Evacuated Tubes
Kingspan	Thermomax	HP450-20	Solar Water Heater Collector	20 X HP450 Evacuated Tubes	For use with Tyfocor® LS glycol only	HP450 Evacuated Tubes
Kingspan	Thermomax	HP450-30	Solar Water Heater Collector	30 X HP450 Evacuated Tubes	For use with Tyfocor® LS glycol only	HP450 Evacuated Tubes

END RECORD

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Ron Chaney

Chief Executive Officer of the IAPMO
Group