## IAPMO R&T OCEANA

7-11 Fullard Road, Narre Warren, Victoria 3805, 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 manufacturer's factory and any major subcontractor's site/s as well as the assessment of the manufacturer's Quality Assurance System. 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.

# CERTIFICATE OF CONFORMITY

IAPMO R&T Oceana hereby grants to:

## Swun Chyan Enterprises Co., Ltd.

NO. 16, LANE 73, LIU GU ROAD, WUFONG DIST., TAICHUNG 413 Taiwan

the right to use the WaterMark in accordance with the ABCB Manual for the WaterMark Certification Scheme;- Australian Standards; WaterMark Technical Specifications; and the Plumbing Code of Australia; only in respect of the certified product as described in the WaterMark Certificate of Conformity – Schedule of Certified Product (Refer also IAPMO Product Listing Directory). The Certificate is granted subject to the rules governing the WaterMark Certification Scheme and the Terms and Conditions of the Approved User Agreement and IAPMO Oceana's WaterMark Governance Rules.

Evaluated to:

### AS 1357.2: 2005 (Inc. Amdts 1 & 2)

Valves primarily for use in heated water systems - Control valves

### AS/NZS 2845.1-2010 (Inc. Amdt 1)

Water supply - Backflow prevention devices - Materials, design and performance requirements

Manufacturer:

Swun Chyan Enterprises Co., Ltd.

Licence No.:

Certification Date: 29 Jun 2023

WM-023133

**First Certified:** 

**Expiry Date:** 

03 Dec 2012 22 Jul 2027

CEO, Th

This WaterMark 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

"This certificate is issued by a JAS-ANZ accredited Conformity Assessment Body. The ABCB and JAS-ANZ do not in any way warrant, guarantee or represent that the product the subject of this Certificate conforms to the WaterMark Certification Scheme Rules, nor accepts any liability arising out of the use of the product. The ABCB disclaims to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages and costs arising as a result of the use of the product(s) referred to in this Certificate.



### WATERMARK CERTIFICATE OF CONFORMITY SCHEDULE OF CERTIFIED PRODUCT



Certificate Holder

## Swun Chyan Enterprises Co., Ltd.

A.B.N.:

NO. 16, LANE 73, LIU GU ROAD, WUFONG DIST., TAICHUNG 413 Taiwan

Manufacturer Swun Chyan Enterprises Co., Ltd. Standards AS 1357.2: 2005 (Inc. Amdts 1 & 2) Valves primarily for use in heated water systems - Control valves AS/NZS 2845.1-2010 (Inc. Amdt 1) Water supply - Backflow prevention devices - Materials, design and performance requirements

#### Certification Date: 29 Jun 2023 Expiry Date: 22 Jul 2027 First Certified: 03 Dec 2012 Licence No. WM-023133 Max Nominal Model Brand Name Model ID Product Type Product Description Inlet Outlet Operating Nominal Flow Rate Material Name Size Pressure Z-LCV-FPV-0104-Plastic Bodied Pressure Limiting/Dual Check Valve (DualCV) SWUN CHYAN LCV Pressure Limiting 125 Valve Set Pressure 850kPa Push Fit End Connections 1/4" DN 8 1/4" push-fit 1/4" push-fit 1600 kPa 9 L/minute @ 700 kPa POM Plastic Bodied Pressure Limiting/Dual Check Valve (DualCV) Set SWUN CHYAN LCV Z-LCV-FPV-0104-40 Pressure Limitina Pressure 275kPa Push Fit End Connections 1/4" DN 8 1/4" push-fit 1/4" push-fit 1600 kPa 9 L/minute @ 700 kPa POM SWUN CHYAN / Plastic Bodied Pressure Limiting/Dual Check Valve (DualCV) Set LCV Z-LCV-FPV-0104-50 Pressure Limitina PENTAIR Pressure 350kPa Push Fit End Connections 1/4" DN 8 1/4" push-fit 1/4" push-fit 1600 kPa 9 L/minute @ 700 kPa POM Plastic Bodied Pressure Limiting/Dual Check Valve (DualCV) Set SWUN CHYAN LCV Z-LCV-FPV-0104-60 Pressure Limiting Pressure 400kPa Push Fit End Connections 1/4" POM DN 8 1/4" push-fit 1/4" push-fit 1600 kPa 9 L/minute @ 700 kPa SWUN CHYAN / Plastic Bodied Pressure Limiting/Dual Check Valve (DualCV) LCV Z-LCV-FPV-0104-70 Pressure Limitina PENTAIR Valve Set Pressure 500kPa Push Fit End Connections 1/4" DN 8 1/4" push-fit 1/4" push-fit 1600 kPa 9 L/minute @ 700 kPa POM Plastic Bodied Pressure Limiting/Dual Check Valve (DualCV) SWUN CHYAN / LCV Z-LCV-FPV-0104-80 Pressure Limitina PENTAIR Valve Set Pressure 550kPa Push Fit End Connections 1/4" DN 8 1/4" push-fit 1/4" push-fit 1600 kPa 9 L/minute @ 700 kPa POM Z-LCV-FPV-0104-Plastic Bodied Pressure Limiting/Dual Check Valve (DualCV) LCV Pressure Limiting SWUN CHYAN 125 Valve Set Pressure 860kPa Push Fit End Connections 3/8" DN 10 3/8" push-fit 3/8" push-fit 1600 kPa 9 L/minute @ 700 kPa POM Plastic Bodied Pressure Limiting/Dual Check Valve (DualCV) SWUN CHYAN LCV Z-LCV-FPV-0308-40 Pressure Limiting Valve Set Pressure 275kPa Push Fit End Connections 3/8" DN 10 3/8" push-fit 3/8" push-fit 1600 kPa 9 L/minute @ 700 kPa POM SWUN CHYAN / Plastic Bodied Pressure Limiting/Dual Check Valve (DualCV) LCV Z-LCV-FPV-0308-50 Pressure Limiting PENTAIR Valve Set Pressure 350kPa Push Fit End Connections 3/8" DN 10 3/8" push-fit 3/8" push-fit 1600 kPa 9 L/minute @ 700 kPa POM Plastic Bodied Pressure Limiting/Dual Check Valve (DualCV) SWUN CHYAN LCV Z-LCV-FPV-0308-60 Pressure Limitina Valve Set Pressure 400kPa Push Fit End Connections 3/8" DN 10 3/8" push-fit 3/8" push-fit 1600 kPa 9 L/minute @ 700 kPa POM SWUN CHYAN / Plastic Bodied Pressure Limiting/Dual Check Valve (DualCV) LCV Z-LCV-FPV-0308-70 Pressure Limiting Valve Set Pressure 500kPa Push Fit End Connections 3/8" PENTAIR DN 10 3/8" push-fit 3/8" push-fit 1600 kPa 9 L/minute @ 700 kPa POM SWUN CHYAN / Plastic Bodied Pressure Limiting/Dual Check Valve (DualCV) LCV Z-LCV-FPV-0308-80 Pressure Limiting PENTAIR Valve Set Pressure 550kPa Push Fit End Connections 3/8" DN 10 3/8" push-fit 3/8" push-fit 1600 kPa 9 L/minute @ 700 kPa POM

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Brand Name	Model Name	Model ID	Product Type	Product Description	Nominal Size	Inlet	Outlet	Max Operating Pressure	Nominal Flow Rate	Material
SWUN CHYAN	LV	Z-LV-FPV-0104-125	Pressure Limiting	Plastic Bodied Pressure Limiting Valve Set Pressure 850kPa Push Fit End Connections 1/4"	DN 8	1/4" push-fit	1/4" push-fit	1600 kPa	7.5 L/minute @ 700 kPa	РОМ
SWUN CHYAN	LV	Z-LV-FPV-0104-40	Pressure Limiting	Plastic Bodied Pressure Limiting Valve Set Pressure 275kPa Push Fit End Connections 1/4"	DN 8	1/4" push-fit	1/4" push-fit	1600 kPa	7.5 L/minute @ 700 kPa	РОМ
SWUN CHYAN	LV	Z-LV-FPV-0104-50	Pressure Limiting	Plastic Bodied Pressure Limiting Valve Set Pressure 350kPa Push Fit End Connections 1/4"	DN 8	1/4" push-fit	1/4" push-fit	1600 kPa	7.5 L/minute @ 700 kPa	РОМ
SWUN CHYAN	LV	Z-LV-FPV-0104-60	Pressure Limiting	Plastic Bodied Pressure Limiting Valve Set Pressure 400kPa Push Fit End Connections 1/4"	DN 8	1/4" push-fit	1/4" push-fit	1600 kPa	7.5 L/minute @ 700 kPa	РОМ
SWUN CHYAN	LV	Z-LV-FPV-0104-70	Pressure Limiting	Plastic Bodied Pressure Limiting Valve Set Pressure 500kPa Push Fit End Connections 1/4"	DN 8	1/4" push-fit	1/4" push-fit	1600 kPa	7.5 L/minute @ 700 kPa	РОМ
SWUN CHYAN	LV	Z-LV-FPV-0104-80	Pressure Limiting	Plastic Bodied Pressure Limiting Valve Set Pressure 550kPa Push Fit End Connections 1/4"	DN 8	1/4" push-fit	1/4" push-fit	1600 kPa	7.5 L/minute @ 700 kPa	РОМ
SWUN CHYAN / PENTAIR	LV	Z-LV-FPV-0304-40	Pressure Limiting	Plastic Bodied Pressure Limiting Valve Set Pressure 300kPa Max. Inlet Pressure 1600kPa Max. Temp. 40ŰC 3/4" Male Threaded Ends	DN 20	3/4" push-fit	3/4" push-fit	1600 kPa	7.5 L/minute @ 700 kPa	POM
SWUN CHYAN / PENTAIR	LV	Z-LV-FPV-0304-70	Pressure Limiting	Plastic Bodied Pressure Limiting Valve Set Pressure 500kPa Max. Inlet Pressure 1600kPa Max. Temp. 40ŰC 3/4" Male Threaded Ends	DN 20	3/4" push-fit	3/4" push-fit	1600 kPa	7.5 L/minute @ 700 kPa	POM
SWUN CHYAN	LV	Z-LV-FPV-0308-125	Pressure Limiting	Plastic Bodied Pressure Limiting Valve Set Pressure 860kPa Push Fit End Connections 3/8"	DN 20	3/8" push-fit	3/8" push-fit	1600 kPa	7.5 L/minute @ 700 kPa	РОМ
SWUN CHYAN	LV	Z-LV-FPV-0308-40	Pressure Limiting	Plastic Bodied Pressure Limiting Valve Set Pressure 275kPa Push Fit End Connections 3/8"	DN 20	3/8" push-fit	3/8" push-fit	1600 kPa	7.5 L/minute @ 700 kPa	РОМ
SWUN CHYAN	LV	Z-LV-FPV-0308-50	Pressure Limiting	Plastic Bodied Pressure Limiting Valve Set Pressure 350kPa Push Fit End Connections 3/8"	DN 20	3/8" push-fit	3/8" push-fit	1600 kPa	7.5 L/minute @ 700 kPa	РОМ
SWUN CHYAN	LV	Z-LV-FPV-0308-60	Pressure Limiting	Plastic Bodied Pressure Limiting Valve Set Pressure 400kPa Push Fit End Connections 3/8"	DN 20	3/8" push-fit	3/8" push-fit	1600 kPa	7.5 L/minute @ 700 kPa	РОМ
SWUN CHYAN	LV	Z-LV-FPV-0308-70	Pressure Limiting	Plastic Bodied Pressure Limiting Valve Set Pressure 500kPa Push Fit End Connections 3/8"	DN 20	3/8" push-fit	3/8" push-fit	1600 kPa	7.5 L/minute @ 700 kPa	РОМ
SWUN CHYAN	LV	Z-LV-FPV-0308-80	Pressure Limiting	Plastic Bodied Pressure Limiting Valve Set Pressure 550kPa Push Fit End Connections 3/8"	DN 20	3/8" push-fit	3/8" push-fit	1600 kPa	7.5 L/minute @ 700 kPa	РОМ
SWUN CHYAN	LV	Z-LV-FPV-0104-100	Pressure Limiting	Plastic Bodied Pressure Limiting Valve Set Pressure 690kPa Push Fit End Connections 1/4"	DN 8	1/4" push-fit	1/4" push-fit	1600 kPa	7.5 L/minute @ 700 kPa	РОМ
SWUN CHYAN	LV	Z-LV-FPV-0308-100	Pressure Limiting	Plastic Bodied Pressure Limiting Valve Set Pressure 690kPa Push Fit End Connections 3/8"	DN 20	3/8" push-fit	3/8" push-fit	1600 kPa	7.5 L/minute @ 700 kPa	РОМ
SWUN CHYAN	LCV	Z-LCV-FPV-0104- 100	Pressure Limiting	Plastic Bodied Pressure Limiting/Dual Check Valve (DualCV) Valve Set Pressure 690kPa Push Fit End Connections 1/4"	DN 8	1/4" push-fit	1/4" push-fit	1600 kPa	9 L/minute @ 700 kPa	POM
SWUN CHYAN	LCV	Z-LCV-FPV-0308- 100	Pressure Limiting	Plastic Bodied Pressure Limiting/Dual Check Valve (DualCV) Valve Set Pressure 690kPa Push Fit End Connections 3/8"	DN 20	3/8" push-fit	3/8" push-fit	1600 kPa	9 L/minute @ 700 kPa	РОМ

### END RECORD

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David Viola

#### **NSF Product and Service Listings**

tact NSF to confirm the status of any Listing, report en

These NSF Official Listings are current as of Sunday, December 24, 2023 at 12:15 a.m. Eastern Time. Please c Alert: NSF is concerned about fraudulent downloading and man ion of website text. Always confirm this information by clicking on the below link for the most accurate information NSF/ANSI/CAN 61 Drinking Water System Components - Health Effects NOTE: Unless otherwise indicated for Materials, Certification is only for the Water Contact Material shown in the Listing. Click here for a list of Abbreviations used in these Listings. Click here for the definitions of Water Contact Temperatures denoted in these Listings. Products certified to NSF/ANSI/CAN 60. Swun Chyan GROUP (Swun Yuan / Swun Yuan Filmtech) Enterprises Co., Ltd. No. 16, Lane 73, Liougu Road Wufong Hsiang Taichung 41359 Taiwan 886 4 2333 7226 Facility : # 1 A Taiwan Pipes and Related Products Water Contact Temp Water Contact Materia Trade Designation Size Tubing[1] Swun Yuan T-XXXX-Y T-XXXX-Y CLD 23 CLD 23 PE PE 1/8" - 5/8" 1/8" - 5/8" This product has been evaluated for use in Piping (Section 4) applications with the following length restrictions: Diameter Maximum Length 1/4" 44" 5/16" 34" 3/8" 28" 1/2" 19" 5/8" 16" Certified for tubing with the following naming system: XXXX - represents the outer diameter from 1/8" to 5/8" where: 0402 - 1/4" 0504 - 3/16" 0604 - 3/8" 1008 - 5/8" 1008 - 5/8" represents the available colors M - White Y - Vellow B - Black L - Blue N - Natural R - Red O - Orange Facility : Taichung, Taiwan Mechanical Plumbing Devices Trade Designation Miscellaneous Faucet Components[1] [2] z-LV-FPV-XXXX-YY XXXX - Tube 0.D. size
XXXX - 1/4" inlat and outlat
XXXX - 1/4" inlat and outlat
YY - FLV control rating (25, 40, 50, 50, 70, 80, 90, 125)
This product does not require a 0 statistic. It is made from material or materials that do not require lead analysis when reviewed par XSF/AMSI/CAN Standard Gi, Section 3.3. Pipes and Related Products 

 Starbersprace

 <td Water Contact Temp Water Contact Material Trade Designation Size