

Technical Data Sheet

Model:	SOL QUBE PLUS 15L	Date:	23.10.2020
SKU:	ASWH 3215	Document No	TDS-CA-SWH-047.00

Issued By	DESIGN
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Revision No	Description	Date
00	First Release	23 NOV 2020
01		
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03		

Prepared By: SACHIDANAND	Checked By: SACHIDANAND	Approved By: Anoop
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PRODUCT CATEGORY	STORAGE WATER HEATER
MODEL NO	ASWH 3215
MODEL NAME	Solarium Qube Plus
MANUFACTURER	Onkar, Noida
PRODUCT PHOTO	
EAN CODE	8902653269648
DATE	
REVISION	
Performance Details	
1. Rated Capacity	15 L
2. BEE Star Rating	5 Star
3. Standing Loss (kWh / 24 Hr / 45C difference)	≤ 0.419
4. Hot Water Output	42°C Minimum
5. Reheating Time (Maximum)	28 Minutes
6. Mixing Factor	35 % Maximum
7. Deviation of Dial Calibration	10°C Maximum
8. Cyclic Temperature Variation	10°C Maximum
9. Finish	OK Qualified
Critical Components	
Multifunctional Safety Valve	
Max Release Pressure	0.8 ± 0.05 Mpa
Inlet Pressure	≤ 0.01 Mpa
NRV Pressure	0.30 ± 0.05 Mpa
MFV Material	Brass
Finish	Zn Coated
Size	1/2" BSP
Internal Metal Tank	
Rated Capacity	15 L
Bare Capacity	15.5 L Minimum
Mounting Capacity * (minimum)	15.2 L Minimum
Tank Material	MS
RM Thickness	1.2 MM
Tank Coating	Polymer
Average Coating Thickness *	250 - 400 Microns
Pressure Plate	
Material	MS
Thickness	1.8 mm
Finish	Zn Passivation
Heating Element	
Wattage *	2000 W (+5%, -10%)
Shape	J Bend
Material	Copper
Finish	Ni Coated

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Garmmage	1200 Grammage
Heating Tube Length	36 Inch
Heating Element Tube Length (OD)	9 mm
Base Plate Material	SS
Base Plate Thickness	1.5 mm
TS/TC Pocket Material	SS
Weight (Tolerance)	450 ± 10 gms
Gasket	
Material	Silicon
Weight (Tolerance)	14 gms (± 2)
Thermostat	
Type	Electronic Temp Control
Length	NA
Rating	NA
Sensor	NA
Connectors Material	NA
Water Heater Temperature Setting*	25 - 75 C
Thermal Cut Off	
Type	Stem Type
Length	7 Inch
Rating	20A, 240V, AC
Sensor	Brass
Connectors Material	Brass
Water Heater Temperature setting *	84 - 96 C
Reset Switch	Yes
Power Cord	
Rating	16 A, 230V, AC, ISI Marked
Plug Top 3 Pin	Yes
Effective Length	1 MTR Minimum
Insulation	PVC
Conductor	Copper
Cross Section	1 sq mm, 32/0.2
Connectors	Brass
Connectors Heat Shrink Sleeve	Yes
Hose Connection Pipes SS (Qty 2 Set)	
Outer Material	304 SS Wire Braided
Inner Material	EPDM
Max Working Pressure	10 Bar
Max Working Temp	120 C
Hex Nut	1/2 Inch BSP, Brass
EPDM Washer	Yes

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Length	18 inch
Wire Harness (Main)	
Rating	6A, 230V , AC
Cross Section	32/0.2, 1 sq mm & 16/0.2, 0.5 sq mm
FR Garde	YES
Connectors	Brass
Connectors Heat Shrink Sleeve	Yes
Packaging	
Ply	5 Ply
BS (Kg/cm2	10 - 12 BS
Box	Color
Lamination	Yes

* Items are CTQ

Digital Temp Display PCB		
SNO	Particulars	Parameters
1	Temp Range of Display	25 C- 75 C
2	Temp Adjustment Sensor "+" "-"	1C Change in single touch
3	Set Temp Vs Current Temp Display	Set Temp should blink 2 times in every 30 seconds
4	Temp Accuracy	± 3C
5	LED Glow Color	Blue in ON , Orange OFF , Thermostat Condition
6	Max Set Temp	75C
7	Min Set Temp	25C
8	Error Code	NO Error Codes
9	Memory Backup	Yes

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