

## Technical Data Sheet

Model:	SOL QUBE 10L	Date:	05 02 2021
SKU:	ASWH 2410	Document No	TDS-CA-SWH-010.00

Issued By	DESIGN
Issued To	Sourcing I Quality

## INDEX

Revision No	Description	Date
00	First Release	05 02 2021
01		
02		
03		

Prepared By: SACHIDANAND	Checked By: SACHIDANAND	Approved By: ANOOP
This document is only for internal circulation.		Documents: DD/FR/03
Note: Please confirm the latest version of the document with design team		Rev No: 00, Date :01-07-2019

## Technical Data Sheet

Model:	SOL QUBE 10L	Date:	05 02 2021
SKU:	ASWH 2410	Document No	TDS-CA-SWH-010.00

PRODUCT CATEGORY	STORAGE WATER HEATER
MODEL NO	ASWH 2410
MODEL NAME	Solarium Qube
MANUFACTURER	Onkar, Noida
PRODUCT PHOTO	
EAN CODE	8902653269686
DATE	
REVISION	
<b>Performance Details</b>	
1. Rated Capacity	10 L
2. BEE Star Rating	5 Star
3. Standing Loss (kWh / 24 Hr / 45C difference)	≤ 0.365
4. Hot Water Output	42°C Minimum
5. Reheating Time (Maximum)	18 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
<b>Critical Components</b>	
<b>Multifunctional Safety Valve</b>	
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
<b>Internal Metal Tank</b>	
Rated Capacity	10 L
Bare Capacity	10.5L - 10.8L
Mounting Capacity * (minimum)	10.0L - 10.2L
Tank Material	MS
RM Thickness	1.2 MM
Tank Coating	Polymer
Average Coating Thickness *	250 - 400 Microns
<b>Pressure Plate</b>	
Material	MS
Thickness	1.8 mm
Finish	Zn Pasivation
<b>Heating Element</b>	
Wattage *	2000 W (+5%, -10%)
Shape	J Bend

Prepared By: SACHIDANAND

Checked By: SACHIDANAND

Approved By: ANOOP

**This document is only for internal circulation.**

Documents: DD/FR/03

**Note: Please confirm the latest version of the document with design team**

Rev No: 00, Date :01-07-2019

## Technical Data Sheet

Model:	SOL QUBE 10L	Date:	05 02 2021
SKU:	ASWH 2410	Document No	TDS-CA-SWH-010.00

Material	Copper
Finish	Ni Coated
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 gms ( $\pm 5$ )
<b>Gasket</b>	
Material	Silicon
Weight (Tolerance)	14 gms ( $\pm 2$ )
<b>Thermostat</b>	
Type	Capillary Type
Length	550 $\pm$ 20 mm
Rating	16A, 250V, AC
Sensor & Knob	Copper
Connectors Material	Brass
Water Heater Temperature Setting*	70 - 80 C
<b>Thermal Cut Off</b>	
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
<b>Power Cord</b>	
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
Connectos	Brass
Connectors Heat Shrink Sleeve	Yes
<b>Hose Connection Pipes SS (Qty 2 Set)</b>	
Outer Material	SS 304 Wire Braid
Inner Material	EPDM
Max Working Pressure	10 Bar
Max Working Temp	120 C

Prepared By: SACHIDANAND

Checked By: SACHIDANAND

Approved By: ANOOP

**This document is only for internal circulation.**

Documents: DD/FR/03

**Note: Please confirm the latest version of the document with design team**

Rev No: 00, Date :01-07-2019

## Technical Data Sheet

Model:	SOL QUBE 10L	Date:	05 02 2021
SKU:	ASWH 2410	Document No	TDS-CA-SWH-010.00

Hex Nut	1/2 Inch BSP, Brass
EPDM Washer	Yes
Length	18 inch
<b>Wire Harness (Main)</b>	
Rating	16A, 230V , AC
Cross Section	32/0.2, 1 sq mm
FR Garde	YES
Connectors	Brass
Connectors Heat Shrink Sleeve	Yes
<b>Packaging</b>	
Ply	5 Ply
BS (Kg/cm2	10 - 12 BS
Box	Color
Lamination	Yes

\* Items are CTQ

Prepared By: SACHIDANAND

Checked By: SACHIDANAND

Approved By: ANOOP

**This document is only for internal circulation.**

Documents: DD/FR/03

**Note: Please confirm the latest version of the document with design team**

Rev No: 00, Date :01-07-2019