

HAINING PAISEN NEW ENERGY CO.,LTD

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Non Pressurized Solar Water Heater

Quotation Updated Based on Colored Steel Outer Tank

NO.(NPV-CS)	Capacity	Diameter	Insulation	20GP(PCS)	40HQ(PCS)	FOB PRICE(USD)
NPV-GS-10	100L	360/460mm	50mm	74	175	\$82.25
NPV-GS-20	200L	360/460mm	50mm	42	98	\$121.82
NPV-GS-30	300L	360/460mm	50mm	28	68	\$168.11

Deal Terms

MOQ:	40HQ
Payment term:	T/T 30% in advance, 70% balance before shipment
Delivery time:	14 working days
Guarantee:	15 years for vacuum tubes, 5 years for water tank and frame, 3 years for accessories

Remark

The price is in valid before September 10th 2025, all customers who order more than(including) one 40"HQ container will accordingly be given extra 2% free 3 layers vacuum tubes, free logos printed on water tanks, vacuum tubes and embossed logo on water tanks.



Technical Specification

Water tank

Material of inner tank	SUS304-2B stainless steel
Inner tank thickness	0.41mm
Diameter of inner tank	Ø360mm

Material of outer tank	Colored steel
Outer tank thickness	0.35mm
Outer tank diameter	Ø460mm
Tank insulating layer	50mm high-density polyurethane foamed
Foam density	43kg/m3 minimum
Heat preservation	72 hours
Material of tank cover	Galvanized steel 0.35mm
Holes of tank	Water inlet /Water outlet/Magnesium bar/Electrical heater
Tank welding	Argon arc welding

Vacuum tube

Solar absorptance α	$\leq 93\% \leq 96\%$ (MS)
Hemispherical emittance ϵ	$< 4\% < 6\%$ (MS)
Surface treatment	CU/SS-ALN(H)/SS-ALN(L)/ALN
Type	three layers coated vacuum tube
Outer tube diameter	Ø58mm
Inner Tube Diameter	Ø47mm
Thickness of Glass Tube	1.6mm
Length	1800mm

Frame

Material	Galvanized steel 1.5mm
Structure	Flexibility for flat or slope roof
Angle	45 degrees
Screw for bracket	SUS 304 stainless steel 8mm diameter
Tube holder	High quality rubber plastic tube holder

Accessories(not included in the offer)

Magnesium bar	30cm long, 3/4" inch, screw type	2.0 USD
Electrical heater	all copper type with cover, 1.5KW, 1.25 inch	7.5 USD
Assistant tank	5L, 30mm polyurethane foaming	13.5 USD
Intelligent controller	TK-7 for low pressure especially	20.0 USD



Electrical heater



Magnesium bar



CS feeder tank



TK-7 controller

Tech with Temperature!