

# SOUTHWEST-SOLAR.COM

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PERFORMANCE / SPECIFICATIONS and PRICE LIST								Suggested Retail
STAINLESS STEEL SOLAR CHILL: 12 Volt DC Models:								
MODEL *	SIZE IN INCHES H, L, W	FAN DIA.	ACTUAL WATTS	CFM (cubic ft. /min)	SQ FOOTAGE RECOMMENDED	WATER USE MAX GPH	RECOMMEND Daytime PV WATTS**	
2-812 (TruckCool)**	13, 18, 20	2-8"	35 / 75**	400	Truck Cab	1	60-90	\$1,495.00
1012HP RV PU Truck	14, 18, 18	10"	23-35	400	Truck Cab	1	45-65	689.00
1412XP Sm. Room	19.3, 21.5, 24	14"	38-52	1000	300	3.5	70-90	984.00
1812XP Med. Room	24.5, 22, 24	18"	59-79	1500	500	6.7	85-130	1049.00
2412XP***	34, 22.5, 36	24"	80 -120	3300	1000	13.3	120-175	1552.00
3012XP	40, 31, 42	30"	120-185	6700	2000	25.0	185-275	1995.00
4212XP Belt Drive	55, 32, 60	42"	200-400	9000	3000	30.0	400-500	3539.00

\*Note: 1ST two numbers of model are the voltage, and 2nd set of numbers are the voltage, for example 1412 is a 14" fan Diameter at 12 VDC  
 \*\*Average watts = 35, Max watts = 75 when the 3 pumps are running on the Truck Cool  
 \*\*\*Ductwork not recommended with any of our units, if ductwork is necessary please consult with us prior to installation.  
 CFM's, wattage, and dimension are subject to change without notice. Verify before ordering.

STAINLESS STEEL SOLAR CHILL: 24 Volt DC Models :								
1024HP	19.3, 21.5, 24	14"	38-52	1000	Truck Cab	1.0	45-65	689.00
1424XP	19.3, 21.5, 24	14"	38-52	1000	300	3.5	70-90	984.00
1824XP	24.5, 22, 24	18"	50-70	1500	500	7.3	85-130	1127.00
2424XP***	34, 22.5, 36	24"	80 -120	3500	1000	13.3	120-175	1552.00
3024XP	40, 31, 42	30"	130-190	30"	2000	26.0	285-385	1955.00
4224XP Belt Drive	55, 32, 60	42"	200-400	8000	2250	30.0	400-500	3337.00

\*\*\*Ductwork not recommended with any of our units, if ductwork is necessary please consult with us prior to installation.  
 CFM's, wattage, and dimension are subject to change without notice. Verify before ordering.

48 Volt DC SOLAR CHILL Models Available by SPECIAL ORDER								
Special Order: STAINLESS STEEL SOLAR CHILL: NEW HYBRID 120 and 240 Volt AC Model :								
1412-120 HYBRID	19.3, 21.5, 24	14	95	900	300	3.5	160	1054.00
1812-120HYBRID	24.5, 22, 24	18	125	1500	500	7.3	200	1192.00
2412-120 HYBRID	34, 22.5, 36	24	150	3000	1000	13.3	350	1629.00
3024-120XP HYBRID	40, 31, 42	30"	230	30"	2000	26.0	300-400	2029.00
42-120XP Belt Drive	55, 32, 60	42"	200-400	9000	1800 - 2250	30.0	450-700	3350.00

CFM's, wattage, and dimension are subject to change without notice. Verify before ordering.

KAR KOOL: 12 Volts and 24 Volts by Special Order								
312 with 2 Speed	11.5, 14, 17	3 @ 4.5	24	300	75	0.75	35-45	339.00

CFM's, wattage, and dimension are subject to change without notice. Verify before ordering.

ACCESSORIES & SHIPPING: Standard Lead Time is 2 Weeks							
115 Volt AC to 12.5 Volt DC Adapter for KAR KOOL 312, 3.5 amps:							37.00
Cooler LEG KIT Stainless Steel Roof mounting kit:							52.00
12 VDC PUMP: for Main pump or automatic cleanout pump, 380GPH:							29.00
12 VDC PUMP: for Main pump or automatic cleanout pump, 500GPH:							32.00
24 VDC PUMP: for Main pump or automatic cleanout pump, 500 GPH:							37.00
Digital Programable Pump Timer 12 or 24 VDC with Din Rail Mount							36.00
Pump control timer board replacement / upgrade (12 or 24 Volt DC) Extends pump life, higher efficiency							69.00
Line Voltage THERMOSTAT, Evaporative Cooling Type:							36.00
5 Minute Mechanical TIMER for Cleanout Pump:							25.00
12V Control Package w/ clean out bleed kit, t-stat, switches, timer, White Control Box NOW with 2 Speed Hi/Low/Off Fan switch in							119.00
24V Control Package w/ clean out bleed kit, t-stat, switches, timer, White Control Box NOW with 2 Speed Hi/Low/Off Fan switch in							119.00
120 VAC Digital Thermostat and Controls, with high/low fan speeds, and on/off for pump, Digital Readout FOR HYBRID Models ONLY							52.00
120 VAC Automatic Cleanout Pump with built in timer FOR 120/240V HYBRID Models ONLY!!							52.00
Control Package w/ T-Stat, High/Low fan speed switches, and Pump on/off switch, Does NOT include Clean Out option For ANY Solar							52.00
Two Speed is included on all Solar Chill Coolers (Factory installed resistor and user installed switch on DC models)							30.00
Two Speed Switch for Solar Chill 2 speed control: DC rated (High, Low, Off)							10.00
On/Off Switch for Solar Chill: DC rated 25 amps SPST for Pump or Fan (On, Off)							9.00
Reversing Switch for Solar Chill: DC rated 25 amps DPDT for Fan (Forward, Reverse, Off)							12.00
115 Volt to 15 Volt DC Power Supply, 10 amps: To run 12 V Solar Chills from Utility Power							79.00
115 Volt to 15 Volt DC Power Supply, 6.7 amps: To run 12 V Solar Chills from Utility Power							73.00
Air Diffuser (Grills) W/ adjustable louvers for Solar Chills 1412XP and 1424XP (fits 14 x 14 duct)							53.00
Air Diffuser (Grills) W/ adjustable louvers for Solar Chills 1812XP and 1824XP (fits 18 x 18 duct)							69.00
Air Diffuser (Grills) W/ adjustable louvers for Solar Chills 2012HP and 2024HP (fits 20 x 20 duct)							79.00
Air Diffuser (Grills) W/ adjustable louvers for Solar Chills 2412HP and 2424HP (fits 24 x 24 duct)							107.00
Air Diffuser (Grills) W/ adjustable louvers for 30" Fan Solar Chill Coolers (fits 31 x 31 duct)							139.00
Variable Speed Rheostat: 2.5 Amp: model 1824							Call
Variable Speed Rheostat: 3.5 Amp: model 2424, lower speed 1812*							Call
Variable Speed Rheostat: 4.5 Amp: model 1812 or lower speed 2412*							Call
Variable Speed Rheostat: 7 Amp: model 2412 SPECIAL ORDER CALL FOR LEAD TIME							Call
Plumbing install Kit: 25' 1/4" copper tubing, two valves: 1/4 x 1/8" ball valve, Hose bib W 1/8" FPT							39.00
Plumbing install Kit: 50' 1/4" copper tubing, two valves: 1/4 x 1/8" ball valve, Hose bib W 1/8" FPT							49.00
MidWest Ext. Fuse box w/receptacles for evaporative cooler W/ heavy duty cords: 2 speed and pump cords and receptacles (fuses not included)							99.00
MidWest Ext. Fuse box w/receptacles for evaporative cooler - No Cords							67.00
Heavy Adjustable Brass 1/4" Float Valve for Evaporative Cooler							8.00
Drain Kit for evaporative cooler: 4 piece w/ sealing washer							3.00
Pump Basket molded							2.00
Wet Media Material (Pads) for Solar Chill coolers:							Call

\*slower speeds available but incorporates limited range of dial (dead band)

Shipping charges for SOLAR CHILLS and KAR KOOLS:							
Fan Diameter	Ship Weight	DIMS	CLASS	CARRIER	Arizona*	Out of State*	
14"	48	27x25x2'	100	UPS/FED	\$85.00	90.00	
18"	56	27x25x2'	100	UPS/FED	90.00	95.00	
24", 30" LTL Or Local Pick up	110	38x38x2'	100	FREIGHT	CALL	CALL	
	CALL	CRATE	100	FREIGHT	CALL	CALL	
KAR KOOL 312:	14	19x17x1'	100	PRIORIT	25.00	\$29.00	
KAR KOOL 312:	14	19x17x1'	100	UPS/FED	25.00	28.00	
AD 25 x 25 & 24 x 24	13	30x30x5	100	UPS/FED	30.00	CALL	
AD 21x21 & 20 x 20	9	30x24x5	100	UPS/FED	26.00	CALL	
AD 19 x 19 & 18 x 18	8	20x20x5	100	UPS/FED	24.00	CALL	
AD 15 x 15 & 14 x 14	7	18x18x5	100	UPS/FED	22.00	CALL	
Control Package	5	6x8x10	100	UPS/FED	15.00	16.00	
12v or 24v Pump (1)	2	6x6x6	100	UPS/FED	9.00	9.00	
12v or 24v Pump (2)	3	6x6x6	100	UPS/FED	10.00	10.00	

\* Conditional U.S. Terms: F.O.B. Tucson, AZ: Arrange payment prior to shipment.

Please note, prices and specifications are subject to change without notice. Please call for more details, or Questions