

# SOUTHWEST-SOLAR.COM

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PERFORMANCE / SPECIFICATIONS and PRICE LIST								Suggested Retail
SOLAR CHILL: 12 Volt DC Models: STAINLESS STEEL								
MODEL *	SIZE IN INCHES		ACTUAL WATTS	CFM (cubic ft. min)	SQ FOOTAGE RECOMMENDED	WATER USE MAX GPH	RECOMMEND Daytime PV WATTS**	
	H, L, W	FAN DIA.						
<b>2-812 (TruckCool)**</b>	13, 18, 20	2-8"	35 / 75**	400	Truck Cab	1	60-90	\$1,495.00
<b>1012HP RV PU Truc</b>	14, 18, 18	10"	23-35	400	Truck Cab	1	45-65	749.00
<b>1412XP Sm. Room</b>	19.3, 21.5, 24	14"	38-52	1000		3.5	70-90	1077.00
<b>1812XP Med. Room</b>	24.5, 22, 24	18"	59-79	1500		5.0	85-130	1149.00
<b>2412XP***</b>	34, 22.5, 36	24"	80 -120	3300		13.3	120-175	1697.00
<b>3012XP</b>	40, 31, 42	30"	120-185	6000		25.0	185-275	2295.00
<b>4212XP Belt Drive</b>	55, 32, 60	42"	200-400	8000		30.0	400-500	3929.00
*Note: 1ST two numbers of model are fan diameter, and 2nd set of numbers are the voltage, for example 1412 is a 14" fan blade w/ 12 volts								
**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.								
SOLAR CHILL: 24 Volt DC Models : STAINLESS STEEL								
<b>1024HP</b>	19.3, 21.5, 24	10"	38-52	1000	Truck Cab	1.0	45-65	797.00
<b>1424XP</b>	19.3, 21.5, 24	14"	38-52	1000		3.5	70-90	1079.00
<b>1824XP</b>	24.5, 22, 24	18"	50-70	1500		7.3	85-130	1219.00
<b>2424XP***</b>	34, 22.5, 36	24"	80 -120	3500		13.3	120-175	1697.00
<b>3024XP</b>	40, 31, 42	30"	130-190	6800		26.0	285-385	2149.00
<b>4224XP Belt Drive</b>	55, 32, 60	42"	200-400	8500		30.0	400-500	3669.00
***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.								
SOLAR CHILL: 48 Volt DC Models Available by SPECIAL ORDER								
SOLAR CHILL: NEW HYBRID 120 and 240 Volt AC Model : STAINLESS STEEL								
<b>1412-120 HYBRID</b>	19.3, 21.5, 24	14	95	1000		3.5	160	1149.00
<b>1812-120HYBRID</b>	24.5, 22, 24	18	125	1500		7.3	200	1259.00
<b>2412-120 HYBRID</b>	34, 22.5, 36	24	150	3500		13.3	350	1789.00
<b>3024-120XP HYBRID</b>	40, 31, 42	30"	230	6800		26.0	300-400	2249.00
<b>42-120XP Belt Drive</b>	55, 32, 60	42"	200-400	9000		30.0	450-700	3539.00
CFM's, wattage, and dimension are subject to change without notice. Verify before ordering.								
KAR KOOL: 12 Volts and 24 Volts by Special Order.								
<b>312 with 2 Speed</b>	11.5, 14, 17	3 @ 4.5"	24	300		0.75	35-45	399.00
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:								31.00
12 VDC PUMP: for Main pump or automatic cleanout pump. 500GPH:								33.00
24 VDC PUMP: for Main pump or automatic cleanout pump. 500 GPH:								39.00
Digital Programable Pump Timer 12 or 24 VDC with Din Rail Mount								40.00
Pump control timer board replacement / upgrade (12 or 24 Volt DC) Extends pump life, higher efficiency								75.00
Line Voltage THERMOSTAT, Evaporative Cooling Type:								39.00
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								129.00
24V Control Package w/ clean out bleed kit, t-stat, switches, timer, White Control Box NOW with 2 Speed Hi/Low/Off Fan switch								129.00
120VAC Control Package w/ clean out bleed kit, t-stat, switches,digital pump timer, White Control Box								119.00
120 VAC Digital Thermostat and Controls, with high/low fan speeds, and on/off for pump, Digital Readout FOR HYBRID Models								52.00
120 VAC Automatic Cleanout Pump with built in timer FOR 120V/240V HYBRID Models ONLY!!								53.00
Control Package w/ T-Stat, High/Low fan speed switches, and Pump on/off switch. Does NOT include Clean Out option For ANY S								52.00
Two Speed is included on all Solar Chill Coolers (Factory installed resistor and user installed switch on DC models)								37.00
Two Speed DC Switch for Solar Chill 2 speed control: (High, Low, Off)								11.00
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 DPT for Fan (Forward, Reverse, Off)								15.00
115 VAC to 15 Volt DC Power Supply, 29 amps: To run 12 V Solar Chills from Utility Power								79.00
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)								99.00
MidWest Ext. Fuse box w/receptacles for evaporative cooler - No Cords								103.00
Heavy Adjustable Brass 1/4" Float Valve for Evaporative Cooler								15.00
Drain Kit for evaporative cooler: 4 piece w/ sealing washer								3.00
Pump Basket molded								2.50
Wet Media Material (Pads) for Solar Chill coolers:								Call
*slower speeds available but incorporates limited range of dial (dead band)								

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

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Shipping charges for SOLAR CHILLS and KAR KOOLS:						
Fan Diameter	Ship Weight In LBS	DIMS	CLASS	CARRIER	Shipping in Arizona*	Out of State*
14"	48	27x25x22"	100	UPS/FED-EX (	\$89.00	99.00
18"	56	27X25X22	100	UPS/FED-EX (	99.00	109.00
24"	110	38x38x22"	100	FREIGHT	CALL	CALL
42"	CALL	CRATE	100	FREIGHT	CALL	CALL
KAR KOOL 312:	14	19x17x11:	100	PRIORITY MA	25.00	\$29.00
KAR KOOL 312:	14	19x17x11:	100	UPS/FED-EX (	25.00	28.00
AD 25 x 25 & 24 x 24	13	30x30x5	100	UPS/FED-EX (	30.00	CALL
AD 21x21 & 20 x 20	9	30x24x5	100	UPS/FED-EX (	26.00	CALL
AD 19 x 19 & 18 x 18	8	20x20x5	100	UPS/FED-EX (	24.00	CALL
AD 15 x 15 & 14 x 14	7	18x18x5	100	UPS/FED-EX (	22.00	CALL
Control Package	5	6x8x10	100	UPS/FED-EX (	15.00	16.00
12v or 24v Pump (1)	2	6x6x6	100	UPS/FED-EX (	9.00	9.00
12v or 24v Pump (2)	3	6x6x6	100	UPS/FED-EX (	10.00	10.00
*Conditional U.S. Terms: F.O.B. Tucson, AZ: Arrange payment prior to shipment.						

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