

POOL TOO COLD TO SWIM?

TURN UP THE **EVO HEAT**



POOL HEATING CATALOGUE 2015 - 2016



15 YEAR*
warranty





SHOW US YOUR ENERGY BILLS!

RESORT-STYLE POOL HEATING JUST GOT MORE AFFORDABLE

Want a reliable and energy-efficient pool heater that heats your pool all year round but won't burn a hole in your wallet? Evoheat have an extensive range of customised pool heaters that can be specified to meet your exact requirements.

Whether you're a home pool owner or running a resort/leisure centre, Evoheat have the right product for you, to blow all other pool heaters out of the pool.

NOTHING OUT THERE TOPS OUR POOL HEATING RANGE AND HERE'S WHY... KEEPS ON KEEPING ON FOR DECADES TO COME...

Our pool heaters are tough, durable, built for Australia's harsh conditions and utilise cutting edge components sourced from leading brand manufacturers in Japan, Switzerland, Italy, Germany.

For further peace of mind EVO comes with an industry-leading warranty:

- 15 Years on Titanium Tubing
- 5 Years on Compressor
- 2 Years Parts
- 1 Year on Site Labour (Force 5 back to base).

OUR NEW APP WILL REALLY TURN YOU ON...

The Evoheat app is available free to download for your iOS or Android device. Now you can control your pool heater from anywhere in the world. Ready, warm and waiting for your arrival. Doesn't that sound hot?

OUR POOL HEATERS ARE NOT NO-FRILLS...

With one of the highest Coefficiency Of Performance ratings available worldwide, our units are up to 600% more energy-efficient than other models in the market. This translates to exceptionally large savings in the long term.

IN THE LANGUAGE OF BUSINESS – EVOHEAT MAKES SENSE

FORCE SERIES – DOMESTIC POOL HEATER

Save \$1500 or more per year when compared to gas pool heating.

Save \$2,800 or more per year when compared to an electric element pool heating.

*Based on running a 5000-litre spa 24/7.

DHP-R SERIES – PREMIUM DOMESTIC POOL HEATER

Save \$6500 or more per year on an when compared to gas pool heating.

*Based on heating an 80,000-litre pool to 30°C 24/7.

CS SERIES – RESORT OR LEISURE CENTRE POOL HEATER

Save \$45,000 or more per year compared to gas pool heating.

*Based on heating an Olympic-sized swimming pool to 27°C 24/7.

Slash your carbon emissions and running costs with the most energy-efficient and affordable pool heaters on the market.



FORCE

SWIMMING POOL & SPA HEATERS



The new Force 600% efficient pool heater range that will have you swimming nautical miles beyond the competition.

We don't offer budget units that will fail a few years down the track. The Force Series is built with high quality components from leading brand manufactures in Europe and Japan and designed to perform 365 days of the year under our harsh Australian conditions. Force by EVO pool heaters are built to last and backed by an unprecedented warranty of 15 years on the titanium heat exchanger.

THE FORCE: GREAT AUSTRALIAN MONEY SAVERS FOR BACKYARD POOLS

With eternally fluctuating energy prices, don't gamble with a low COP (i.e. low efficiency) pool heater. The Force is a sure thing with a class leading COP of 6kW+ output for every 1 kW of electricity you pay for.

BEST PERFORMANCE IN CLASS!

It's more than 600% energy-efficient compared to other models on the market. More bang for your budget means a rapid return on investment. Then monumental savings for the next 10-15 years.

HEAT YOUR 2,000L SPA TO 38 DEGREES 24/7 ALL YEAR FOR LESS THAN \$13/WEEK*

HEAT YOUR 10,000L POOL TO 27 DEGREES 24/7 ALL YEAR FOR LESS THAN \$18/WEEK*

*Based on averaged Australian energy prices in 2014

SO MANY FEATURES, SO LITTLE COST!

- Compact and sleek design with attractive PVC and powder coated zincalume corrosion-resistant cabinet.
- Electronic Expansion Valves (EEV2 technology) for precise gas flow control combined with High-Rate Sanyo Japan Compressors running R410a refrigerant which provide higher COP and improved efficiency (+10-15%) over any other heater model. Result = Lower running cost"
- A Titanium heat exchanger with a 15 year warranty.
- Cutting edge control panel, that feature climate control between 8°C to 40 °C and settings to within 1 °C.
- Intuitive and user-friendly LED touchpad and automatic settings.
- A convenient and safe automatic defrost cycle.
- Barrel union PVC fittings for easy installation.
- Rigorous testing of every heater prior to shipping.
- Durable and corrosion resistant hydrophilic-coated condenser coils.
- A flow switch and high pressure cut out for additional safety and protection.

OUR FULLY-CUSTOMISED FORCE SERIES POOL HEATERS ARE READY FOR ACTION AND OFFER A RANGE FROM 5 KW TO 26 KW OUTPUTS TO SUIT EVERY POOL!

Evoheat: The Resort in your own backyard.



MODEL	Force5	Force9	Force14	Force18	Force22	Force26	Force26-3
Heat Output at 24 deg air 26 deg water (kW)	5.0	9.2	13.8	18.2	22	26	26
Heat Output at 15 deg air 26 deg water (kW)	4.3	6.9	9.6	13.9	16.9	20	20
Cooling Output at 35 deg air 24 deg water (kW)	3.5	5.5	8	10.5	13	15.5	16
Power Supply	240/1/50	240/1/50	240/1/50	240/1/50	240/1/50	240/1/50	415/3/50
Power Input at 24 deg (kW)	1.0	1.5	2.1	3.0	3.6	4.3	4.3
COP at 24 deg air	5	6.13	6.57	6.07	6.11	6.05	6.05
Noise level dB(A)	47	51	54	56	56	56	56
24°C Air/Normal Running Current (AMPS)	4.1	6.7	10.4	13.4	16.1	19.2	8.7
Refrigerant (R410A/grams)	650	900	1300	1600	2300	2400	2500
Compressor type	Rotary	Rotary	Rotary	Scroll	Scroll	Scroll	Scroll
pvc water connection(mm)	40	40	40	40	40	40	40
Water flow rate(L/min)	35	50	75	100	125	150	150
Shipping dimensions LxWxH (mm)	805x380x590	1060x440x680	1060x440x680	1200x480x880	1200x490x1280	1200x490x1280	1200x490x1280
Unit dimensions LxWxH (mm)	780x350x560	1010x420x650	1010x420x650	1110x470x850	1110x470x1240	1110x470x1240	1110x470x1240
Weight packed/unpacked(kg)	39/32	59/47	66/54	99/84	129/110	135/114	135/117

FEATURES

Titanium heat exchanger	y	y	y	y	y	y	y
Touch screen intelligent controller	y	y	y	y	y	y	y
Electronic expansion valve (EEV2)	y	y	y	y	y	y	y
PVC and Galvanised powder coated corrosion resistant steel cabinet	y	y	y	y	y	y	y
Air flow direction horizontal	y	y	y	y	y	y	y
Automatic defrost system	y	y	y	y	y	y	y
Heat or cool automatic function	y	y	y	y	y	y	y
Compact design - small footprint	y	y	y	y	y	y	y
IEW - Low noise fan blades	y	y	y	y	y	y	y

*Refrigerant FORCE 26-1: R407c



DHP-R SERIES

THE PREMIUM DOMESTIC POOL HEATER
WHEN ONLY THE BEST WILL DO



Want high-octane, commercial-grade pool heating for your backyard? EVO's DHP-R Series is up to 600% more energy efficient compared to other models. Dramatically cut your running costs – period!

UNIQUE FEATURES THAT OUTPERFORM THE OTHERS AT EVERY TURN!

ELECTRONIC EXPANSION VALVE TECHNOLOGY: Micro management of your pool heater, efficiently delivers 10-15% superior performance even in freezing conditions

UNMATCHED ENERGY SAVINGS: Lower pool running costs by 10-15% over other brands. Up to 600% energy efficient it will save you thousands over the next decade with the added bonus of lower carbon emissions!

EVO'S LEGENDARY RELIABILITY. Pool heaters that are engineered to give a lifetime of trouble free, lowest cost service.

CUTTING EDGE SMARTPHONE APP: Our exclusive Smartphone app for iOS and Android allows pool-owners to completely control their pool from your home Wi-Fi.

SIMPLY THE BEST COMPONENTS: Commercial quality Japanese and European components that are built to last and designed to perform under Australia's harsh conditions .

EVO'S INDUSTRY LEADING WARRANTY: 15 years on the titanium heat exchanger, 5 years on compressors, 2 years on other parts and 12 months on site labour. Compare the opposition to EVO!

DUAL DEFROST SYSTEMS: With "Thermotec" element and automatic reverse-cycle defrost systems EVO has 50% less defrost down time than other brands giving you much lower running costs.

WHISPER QUIET OPERATION: Set it and forget it even exists.

EVO's DHP-R Series is your long-distance, reliable and powerful swimming partner. DHP-R offers exceptional value for money, it's a premium pool heater that will out-smart and out-perform any other pool heater in its class.



MODEL	DHP 20-R	DHP 30-R	DHP 40-R	DHP 50-R	DHP 603-R
Heat Output at max ambient (43 deg air) 27 water (kW)	11.5	17.0	22.5	27.5	31
Heat Output at 24 deg air 26 deg water (kW)	9.7	14.0	19.0	23	26
Heat Output at 15 deg air 27 deg water (kW)	8.0	11.5	15.5	20	23
Cooling Output at 35 deg air 24 deg water (kW)	6	8.5	11	14	16
Power Input at 24 deg air (kW)	1.83	2.64	3.65	4.26	4.91
Power supply	240/1/50	240/1/50	240/1/50	240/1/50	415/3/50
COP at 24 deg air (220 volts single phase & 380 volts 3 phase)	5.3	5.3	5.2	5.4	5.3
Max/Normal Running Current	9.1/7.7	14/11.8	18.2/15.9	22.6/19.5	12.5/8.3
Compressor type	Rotary	Rotary	Scroll	Scroll	Scroll
Refrigerant	R410a	R410a	R410a	R410a	R410a
pvc water connection(mm)	40	40	40	40	40
Water flow rate(L/min)	50	75	100	125	150
Noise dB(A)	51	54	56	58	58
Shipping dimensions (mm)	700/675/850	700/675/850	765/735/970	765/735/970	1095/815/1270
Unit dimensions(mm)	686/680/720	686/680/720	745/700/848	745/700/848	1015/735/1130
Weight packed/unpacked(kg)	75/65	88/78	113/98	118/103	178/153

FEATURES

Electronic Expansion Valve	y	y	y	y	y
Dual Defrost System Thermotec & Reverse Cycle	y	y	y	y	y
Smartphone Controller	y	y	y	y	y
LCD touch screen controller - Cabinet Mounted	y	y	y	y	y
Low db fan blades	y	y	y	y	y
V Formation evaporator	n	n	n	n	y
Stainless Cabinet	y	y	y	y	y



CS SERIES

CLASS LEADERS IN COMMERCIAL
PERFORMANCE AND DEPENDABILITY



EVO's range of CS Heat Pumps are engineered to meet the demands of the Commercial Pool Industry. EVO CS Commercial Heat Pumps are the most efficient way to heat a commercial pool regardless of size or location. EVO offer 6 different heaters ranging from 38kW up to 200kW so choosing the heater that best suits your needs is simple. In addition, EVO CS heaters are modular and multiple units can be fitted to heat even the largest indoor or outdoor pool.

Now with Electronic Expansion Valves for precise gas flow control provides higher COP and improved efficiency (+10-15%) over other commercial heater brands. Result - Lower running times= Lower running cost and extended unit life
Featuring double coil titanium heat exchangers, premium performance Sanyo or Copeland compressors and patented super high volume "Maxflo" condensers with "Bluetek" hydrophilic coated fins, EVO's CS Series Commercial Heat Pumps are super efficient in a heavy use commercial situation.

EVO's precision-built Intelligent Digital Controller and patented microprocessor systems maintain water temperature to within 1 degree C of the set point while maintaining optimum heater operating performance. This control system enables you to predefine different temperatures and control parameters under all conditions ensuring lowest possible operating cost. Every EVO CS Series heater has a built-in automatic customisable defrosting program featuring dual thermotec and reversecycle systems to ensure efficient operation in all conditions, and CS offers both heating and cooling with an automatic mode to switch from one to the other according to the set water temperature.

EVO engineered heat pumps are contained in a corrosion-proof powder-coated galvanized steel cabinet while the chassis is treated with "Epoxy Plus" powder coating to ensure the highest possible level of corrosion proofing. A stainless steel chassis and cabinet option is also available.

Transport, installation and maintenance are simple due to EVO's monobloc design and compact piping system. EVO heat pumps are installed at commercial, community and domestic locations across Australia and have a reputation for value, reliability and ease of operation second to none. We look forward to achieving optimum performance outcomes for our clients. For further information, contact your local EVO agent or visit www.evoheat.com.au



MODEL	CS38	CS47	CS57	CS109	CS138	CS200
Heat Output at max ambient (43 deg air) 27 water (kW)	42	54	66	126	162	264
Heat Output at 24 deg air 27 deg water (kW)	38	47	57	109	138	200
Heat Output at 15 deg air 27 deg water (kW)	30	40	48	95	120	160
Cooling Output at 35 deg air 24 deg water (kW)	24	32	43	80	98	150
Power Input at 24 deg air (kW)	7.04	8.74	10.75	21.37	26.04	43.14
Power supply	415/3/50	415/3/50	415/3/50	415/3/50	415/3/50	415/3/50
COP at 24 deg air (220 volts single phase and 380 volts 3 phase)	5.4	5.38	5.3	5.1	5.3	5.63
Max/Normal Running Current	13.8/11.5	20.0/16.6	25.0/22.8	48.0/44.7	54.7/47.8	100.0/70.55
Compressor type	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Refrigerant	R410a	R410a	R410a	R410a	R410a	R410a
pvc water connection(mm)	50	50	50	DN110	DN110	DN110
Water flow rate(L/min)	200	250	325	580	750	1000
Noise dB(A)	61	61	61	62	62	67
Shipping dimensions (mm)	1570/815 /1270	1570/815 /1270	1570/815 /1270	2310/1250 /2100	2200/1180 /2060	2280/1180 /2220
Unit dimensions(mm)	1490/735 /1130	1490/735 /1130	1490/735 /1130	2175/1070 /2030	2175/1070 /2030	2180/1080 /2060
Weight packed/unpacked(kg)	270/244	295/270	325/300	675/655	850/825	1140/1100

FEATURES

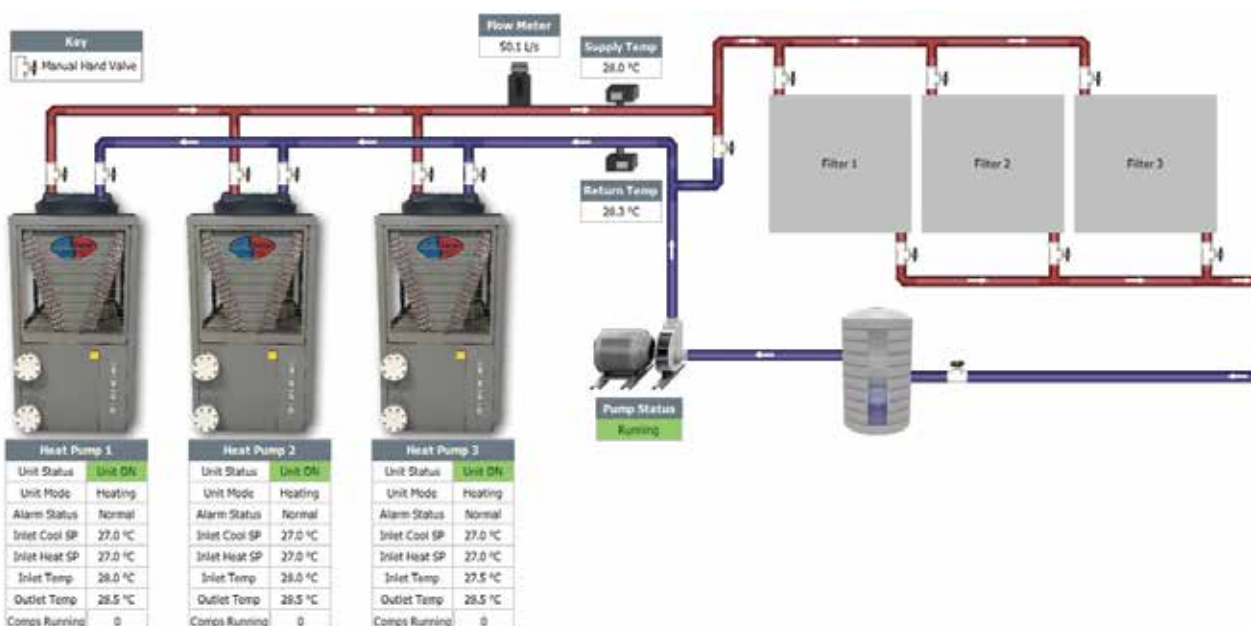
Electronic Expansion Valve	y	y	y	y	y	y
Dual Defrost System Thermotec & Reverse Cycle	y	y	y	y	y	y
LCD touch screen controller	y	y	y	y	y	y
Low db fan blades	y	y	y	y	y	y
V Formation evaporator	y	y	y	y	y	y
Night Mode Fan	n	n	n	y	y	y
Stainless Cabinet	o	o	o	o	o	o

EVO'S CUSTOM MANUFACTURING DIVISION CAN BUILD SYSTEMS UP TO 3600KW HEATING CAPACITY

EVO ENERGY TECHNOLOGIES MONITORING AND CONTROLS PLATFORM

Install the latest in Swimming Centre Monitoring and Control Systems and make your heating solution perform at its best. Track and control system performance and costs with EVO's integrated dashboards anywhere, anytime.

CONTACT US NOW FOR AN OBLIGATION FREE SYSTEM EVALUATION!



SOLACE

REMOVES UP TO 104 LITRES OF MOISTURE
FROM AN INDOOR POOL ROOM A DAY



If your pool is located indoors it could be costing you far more to operate than you think! Solace removes up to 104 litres of moisture from an indoor pool room a day. Indoor pools without correct ventilation or dehumidification can lead to many issues such as:

- Corrosion damage to building components and fittings
- Lower comfort levels due to high humidity
- Poor Health due to high chemical concentration in the air
- Mould and musty odours
- High operating costs due to supplying fresh cold air into the building to combat the above problems

The Solace series dehumidifier is designed to remove the moisture from the air in the room without losing the warmth contained within. The warm moist air is drawn through the base of the unit and passes over a cold coil to remove the moisture and chemicals. The air then passes through a hot coil which replaces and increases the heat in the air. The result – warmer drier air.

The Solace series dehumidifier by Evo is designed to be simple to install, operate and maintain.

Simply mount the Solace unit onto a wall in the pool room, plug the unit into an available power point and direct the drain water back into the pool. Set your desired humidity level and leave the Solace to do the rest – its that easy!

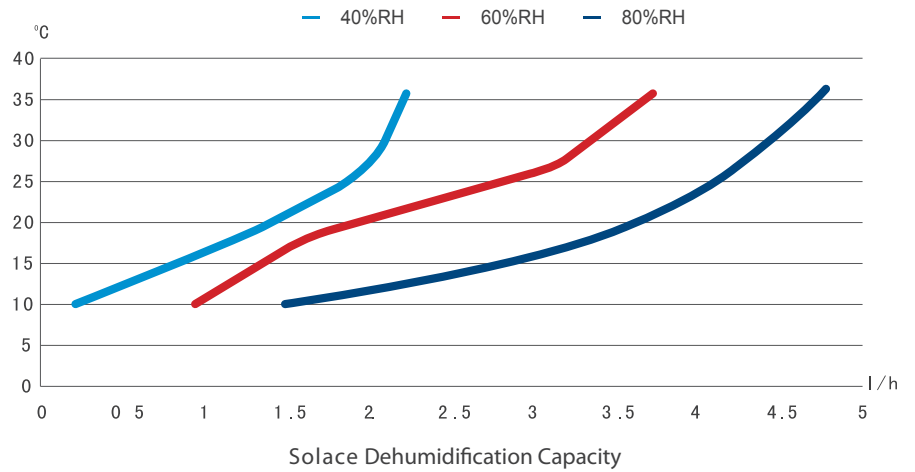
Depending on the size of the room and intended usage more than 1 Solace unit may be required. Simply install in the same fashion as the first unit.

The Solace is whisper quiet and extremely compact – you wont even know its there.

Solace will maintain indoor pool room comfort levels in rooms up to 300 m³*



MODEL	UNIT	Solace
Rated Capacity at 80%RH - 32°C air	L/h	4.3
Air Volume	m³/h	750
Noise Level dB(A)	dB(A)	47
Rated Voltage/Freq	/	220-240V~/50Hz
Rated Power Input	kW	1.55
Rated Running Current	A	6.7
Max Power Input	kW	2.1
Max Running Current	A	9.1
Relative Humidity	%RH	40-100
Temperature	deg C°	10-36
Dimensions(L/W/H)	mm	1545x240x820 mm
Net Weight	kg	80
Refrigerant/VolumeOperation	/	R410A/1050g
Pressure (High Side)	MPa	4.4
Pressure (Low Side)	Mpa	2.1
Condensation Pipe Diameter	mm	16



COMPANY PROFILE

At EVO we strive for development and change, a constant progression in our products and systems.

Everything starts with the right advice. Our focus is on you, and your exclusive heating needs.

Our overriding principle has always been to excel in introducing the latest technology,

What is exclusive to Evo-Heat is exclusive to you!

Products made to the highest standard – Materials like Titanium, environmentally responsible R410a refrigerant and an overall standard that has gained ISO9001 and other International Standard certifications.

PEACE OF MIND IS A STANDARD FEATURE.

EvoHeat is 100% Australian owned and is a leading specialist supplier of heat pumps for domestic and commercial pool applications. EVO's custom manufacture division can supply swimming pool heat pumps and chillers for commercial applications exceeding 3600 kW output.

Evo technology leads the world in energy savings and environmental responsibility. We care for our environment!. Evo is registered under the Australian Government's Ozone Protection and Synthetic Greenhouse Gas Act.

Evo has the product range and the capability to supply even the largest liquid heating and cooling requirements. Applications as diverse as domestic and commercial hot water, industrial water heating and cooling, aquaculture and agriculture are met with a complete range of products that exceed client expectations every time.....



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ISO9001

ROHS



CB

CE



■ EMCertified
■ Production accredited