



Smart heating at the right price
www.gullbergjansson.se

Product Catalogue Pool Heating

- Outdoor pool
- Indoor pool
- Public pool
- Above-ground pool
- Spa pool



Reliable and innovative
technical solutions for all your
pool heating needs.

Extensive range of heat pumps, heat exchangers
and accessories for swimming pools.

GULLBERG *GJ* JANSSON

Company Information

We at Gullberg & Jansson AB (G&J) develop and sell energy efficient products for heating and cooling. Our focus is to be innovative in new energy technologies and our goal is to develop and expand our product range in heat pumps, solar energy and other technologies that we believe will be the future industries based on environmental considerations.

We sell our products in three main areas: swimming pools, houses and commercial applications. In the swimming pool product area we are a leading supplier of pool heat pumps. We work both nationally and internationally. We have swimming pool heat pumps from 3.5 to 110 kW, which says something about the scope of our product range. We strive to be an attractive supplier by offering our customers a combination of quality, price, and not least service. We are committed to offering our customers solutions tailored to suit specific situations along with prompt service if problems arise.

Since its inception, Gullberg & Jansson has been supplying an impressive number of swimming pool heat pumps to satisfied pool owners throughout the Nordic region. As a result, we have numerous references out in the marketplace. We have also built up a popular support organisation that is always on hand to provide back up in the event of problems. This provides peace of mind both to dealers and end customers.

Our future goal is to continue to grow steadily with customer satisfaction as our primary guiding principle.

References

Gullberg & Jansson has sales in some ten countries and the way to the market goes via dealers and distributors. We develop customised products for larger commercial customers and we have been working with some of the swimming pool industry's leading companies for many years and have thereby acquired sound business knowledge. We frequently help our customers with technical advice, planning and design.

Through our technical expertise we have been a supplier of heat pumps to major public swimming pools in recent years such as Tosselilla Sommarland, Skara Sommarland and Dyreparken i Kristiansand.



The GJPACW1V series is custom built for larger swimming pools.



At Tosseplasket, with a number of water slides and thrilling rides, you can experience a 1,000 sq meter large wild and wet adventure.

Product overview

Vertical swimming pool heat pumps from 6.8 to 26 kW

Major sellers on the Nordic market - proven high efficiency and good quality

5 year compressor warranty

Read more on page 4



Horizontal swimming pool heat pumps from 6.8 to 13.8 kW

Traditional design - swimming pool heat pump with horizontal air exhaust.

5 year compressor warranty

Read more on page 5



Swimming pool heat pump for indoor pool from 6.8 to 26 kW

Unique split systems - ideal for all-year-round operation!

No water outdoors eliminates the risk of freezing in winter.

5 year compressor warranty

Read more on page 6



Swimming pool heat pumps from 5 to 13.5 kW

Simple swimming pool heat pump with excellent efficiency.

Rugged painted chassis and titanium heat exchanger that is resistant to chlorine and salt water attack.

Read more on page 7



Swimming pool and spa heat pumps from 3.5 to 5 kW

Simple air heat pump with excellent efficiency.

Designed for smaller swimming pools - up to 25 m³

Read more on page 8



Swimming pool heat pumps for public facilities from 39 to 110 kW

Swimming pool heat pumps for public facilities, hotels, camping sites, holiday recreation centres etc.

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Titanium heat exchanger GJHE-20 and GJHE-30

Heat exchanger assembly ready for connection to existing heat source.

Complete with built-in circulation pump, flow indicator, control, and union coupling.

Read more on page 10



Specification for vertical swimming pool heat pumps for outdoor pools (6.8 - 26 kW)

Major sellers on the Nordic market - proven high efficiency and excellent quality

- Vertical air exhaust for flexible installation and lower noise level
- Stylish design suitable for most environments
- Reduces heating costs by 65 - 80 % depending on the outdoor temperature
- Titanium heat exchangers resistant to chlorine and salt water attack
- Environmentally friendly and effective cooling medium (R410a)
- Digital LED controller with timer, defrost function, temperature indicator etc.
- Flow indicator and union couplings for safe operation and easy installation
- Comes with winter cover and installation accessories



Model		GJPACW1V-15	GJPACW1V-20	GJPACW1V-30 ¹		GJPACW1V-40	GJPACW1V-60	
Heating output ²	kW	6.8	9.2	13.8		18.2	26	
Heating capacity ³	m ³	20 - 35	30 - 50	40 - 80		50 - 100	80 - 150	
Input power	kW	1.15	1.65	2.51		3.5	4.87	
Operating current	A	5.23	7.50	11.4	4.4	15.2	8.5	
Operating voltage		230 VAC 1-phase 50 Hz			400 VAC	230 VAC	400 VAC	
Fuse size	A	10		16	10	20	16	
Efficiency ²		5.9	5.6	5.5		5.6	5.3	
Refrigerant		R410a						
Compressor		Rotary			Scroll			
Cabinet		Stainless steel						
Heat exchanger		Titanium / PVC						
Noise level (1 m)	dB(A)	47	51	54		56	58	
Water connection	mm	50	50	50		50	50	
Nominal water flow	m ³ /h	2.2	3	4.5		6	9	
Pressure drop	bar	0.12	0.10	0.10		0.10	0.12	
Height	mm	725	750	750		880	880	
Width	mm	525	580	580		760	760	
Depth	mm	490	545	545		660	660	
Weight	kg	50	61	66		87	135	

¹ GJPACW1V-30 is available in both single and three phase design.

² Heat output and efficiency are specified at an outdoor temp. of about 20 °C and a pool temp. of 27 °C.

³ Heating capacity should be seen as guide values for an insulated pool covered at night. The models are designed primarily for use during the period from May to September. (Normal pool season)

Specification for horizontal swimming pool heat pumps for outdoor pools (6.8 - 13.8 kW)

Traditional design - swimming pool heat pump with horizontal air exhaust

- Reduces heating costs by 65 - 80 % depending on the outdoor temperature
- Titanium heat exchanger and stainless steel cabinet that is resistant to chlorine and salt water attack
- Environmentally friendly and effective cooling medium (R410a)
- Digital LED controller with timer, defrost function, temperature indicator etc.
- Flow indicator and union couplings for safe operation and easy installation
- Comes with winter cover and installation accessories



Model		GJPACW1-15	GJPACW1-20	GJPACW1-30 ¹	
Heating output ²	kW	6.8	9.2	13.8	
Heating capacity ³	m ³	20 - 35	30 - 50	40 - 80	
Input power	kW	1.15	1.65	2.51	
Operating current	A	5.23	7.50	11.4	4.4
Operating voltage		230 VAC 1-phase 50 Hz			400 VAC
Fuse size	A	10		16	10
Efficiency ²		5.9	5.6	5.5	
Refrigerant		R410a			
Compressor		Rotary		Scroll	
Cabinet		Stainless steel			
Heat exchanger		Titanium / PVC			
Noise level (1 m)	dB(A)	47	51	54	
Water connection	mm	50	50	50	
Nominal water flow	m ³ /h	2.2	3	4.5	
Pressure drop	bar	0.12	0.10	0.10	
Height	mm	645	650	650	
Width	mm	760	905	905	
Depth	mm	320	420	420	
Weight	kg	45	66	73	

¹ GJPACW1-30 is available in both single and three phase design.

² Heat output and efficiency are specified at an outdoor temp. of about 20 °C and a pool temp. of 27 °C.

³ Heating capacity should be seen as guide values for an insulated pool covered at night. The models are designed primarily for use during the period from May to September. (Normal pool season)

Specification for swimming pool heat pumps for indoor pools (6.8 - 26 kW)

Unique split system - perfect for indoor pools!

- No water outdoors eliminates the risk of freezing in winter
- Indoor unit of stainless steel, titanium heat exchanger that is resistant to chlorine and salt water
- Dynamic defrosting and heating coil ensures operation down to -15 °C
- Reduces heating costs by 50 - 70 % depending on the outdoor temperature
- Flow indicator and union couplings for safe operation and easy installation
- Digital LED controller with timer and temperature sensor
- Environmentally friendly and effective cooling medium (R410a)
- Requires accredited cooling installation engineers for installation



Outdoor unit		GJPACW1SO-15	GJPACW1SO-20	GJPACW1SO-30¹		GJPACW1SO-60
Heating output ²	kW	6.8	9.2	13.8		26
Heating capacity ³	m ³	20 - 35	30 - 50	40 - 80		80 - 150
Input power	kW	1.15	1.65	2.51		4.87
Operating current	A	5.23	7.50	11.4	4.4	8.5
Operating voltage		230 VAC 1-phase 50 Hz			400 VAC 3-phase 50 Hz	
Fuse size	A		10	16	10	16
Efficiency ²		5.9	5.6	5.5		5.3
Refrigerant		R410a				
Compressor		Rotary			Scroll	
Cabinet		Stainless steel				
Noise level (1 m)	dB(A)	47	51	54		58
Dimensions (L/B/H)	mm	970/310/550	985/420/650	985/420/650		720/660/880
Weight	kg	45	56	61		100
Indoor unit		GJPACW1SI-15	GJPACW1SI-20	GJPACW1SI-30	GJPACW1SI-60	
Heat exchanger		Titanium / PVC				
Water connection	mm	50	50	50	50	
Nominal water flow	m ³ /h	2.2	3	4.5		9
Pressure drop	bar	0.10	0.10	0.10		0.12
Gas connection		3/8" / 1/4"	1/2" / 1/4"	5/8" / 3/8"		3/4" / 3/8"
Dimensions (L/B/H)	mm	340/280/640	340/280/640	340/280/640		450/360/600
Weight	kg	16	16	18		34

¹ GJPACW1SO-30 is available in both single and three phase design.

² Heat output and efficiency are specified at an outdoor temp. of about 20 °C and a pool temp. of 27 °C.

³ Heating capacity should be seen as guide values for an insulated pool covered at night. The models are designed for all year round operation, however to ensure enough power to keep the swimming pool heated during cold weather conditions a supplementary heat source is recommended.

Specification for swimming pool heat pumps (5 - 13.5 kW)

Simple swimming pool heat pump with excellent efficiency

- Swimming pool heat pump with horizontal air exhaust
- Reduces heating costs by 60 - 70 % depending on the climate zone
- Rugged painted chassis and titanium heat exchanger that is resistant to chlorine and salt water attack
- Environmentally friendly and effective cooling medium (R410a)
- Flow indicator and union couplings for safe operation and easy installation
- LED controller for easy temperature setting



Model		GJPASRW-12	GJPASRW-15	GJPASRW-20	GJPASRW-30 ¹	
Heating output ²	kW	5	6.5	9	13.5	
Heating capacity ³	m ³	15 - 25	20 - 30	30 - 45	40 - 75	
Input power	kW	0.95	1.2	1.7	2.51	
Operating current	A	4.2	5.3	7.5	11.4	4.4
Operating voltage		230 VAC 1-phase 50 Hz			400 VAC	
Fuse size	A	10	10	10	16	10
Efficiency ²		5.3	5.4	5.3	5.3	
Refrigerant		R410a				
Compressor		Rotary compressor				
Cabinet		Galvanised				
Heat exchanger		Titanium / PVC				
Noise level (1 m)	dB(A)	47	47	51	54	
Water connection	mm	50	50	50	50	
Nominal water flow	m ³ /h	1.8	2.2	3	4.5	
Pressure drop	bar	0.12	0.12	0.10	0.10	
Height	mm	550	550	650	650	
Width	mm	970	970	985	985	
Depth	mm	390	390	420	420	
Weight	kg	53	55	61	73	

¹ GJPACW1SO-30 is available in both single and three phase design.

² Heat output and efficiency are specified at an outdoor temp. of about 20 °C and a pool temp. of 27 °C.

³ Heating capacity should be seen as guide values for an insulated pool covered at night. The models are primarily designed for use during the period May - September (normal pool season).

Specification for swimming pool and spa heat pumps (3.5 - 5 kW)

Simple air heat pump with excellent efficiency

- Air heat pump for spa and the smallest swimming pools
- Reduces heating costs by 50 - 80 %
- Rugged chassis and titanium heat exchanger that is resistant to chlorine and salt water attack
- Environmentally friendly and effective cooling medium (R407c)
- Flow indicator and union couplings for safe operation and easy installation
- Digital LED controller with timer, defrost function, temperature indicator etc.



Model		GJPASRW-08P	GJPASRW-12P
Heating output ¹	kW	3.5	5
Heating capacity ²	m ³	10 - 15	15 - 25
Input power	kW	0.73	1.04
Operating current	A	3.2	4.5
Operating voltage		230 VAC 1-phase 50 Hz	
Fuse size	A	10	10
Efficiency ¹		4.8	4.7
Refrigerant		R410a	
Compressor		Rotary compressor	
Cabinet		Composite plastic	
Heat exchanger		Titanium / PVC	
Noise level ³	dB(A)	47	47
Water connection	mm	32	32
Nominal water flow	m ³ /h	1.15	1.8
Pressure drop	bar	0.08	0.08
Height	mm	560	560
Width	mm	810	810
Depth	mm	350	350
Weight	kg	38	40

¹ Heat output and efficiency are specified at an outdoor temp. of about 20 °C and a pool temp. of 27 °C.

² Heating capacity should be seen as guide values for an insulated pool covered at night.

³ The noise level is measured at a distance of 1 meter from the heat pump.

Specification for swimming pool heat pumps for public facilities (39 - 110 kW)

Swimming pool heat pumps for public facilities, hotels, camping sites, holiday recreation centres etc.

- Especially designed for larger private or public facilities
- Digital LED controller with timer, defrost function and temperature sensors
- Most reference sites are in the Nordic region
- Contact Gullberg & Jansson for technical advice at radgivning@gullbergjansson.se



Modell		GJPACW1V-100	GJPACW1V-130	GJPACW1V-200	GJPACW1V-250
Heating output ¹	kW	39	43	82	110
Cooling output ²	kW	20	22	58	96
Heating capacity ³	m ³	120 - 225	135 - 250	250 - 475	350 - 630
Input power	kW	7.5	8.1	14.9	21.2
Operating current	A	14.38	15.85	21.67	30.3
Operating voltage		400 VAC 3-phase 50 Hz			
Fuse size	A	16	20	35	50
Efficiency ²		5.2	5.3	5.5	5.2
Refrigerant		R410a			
Compressor		Scroll x 2	Scroll x 2	Scroll x 4	Scroll x 4
Cabinet		Galvanised			
Heat exchanger		Titanium / PVC			
Noise level (1 m)	dB(A)	61	61	62	62
Water connection	mm	63	63	75	110
Nominal water flow	m ³ /h	15	18	28	45
Pressure drop	bar	0.2	0.2	0.2	0.2
Height	mm	1280	1280	1330	1920
Width	mm	1450	1450	2150	2000
Depth	mm	730	730	764	900
Weight	kg	220	260	510	840

¹ Heat output and efficiency are specified at an outdoor temp. of about 20 °C and a pool temp. of 27 °C.

² Cooling capacity is specified at an outdoor temp. of 32 °C and a pool temp. of 27 °C.

³ Heating capacity should be seen as guide values for an insulated pool covered at night.

Specification for titanium heat exchanger GJHE-20 and GJHE-30

Heat exchanger assembly ready for connection to existing heat source

- Easy to use and compact model for connecting to boilers (oil, wood, pellets, gas), heat pump or other heat source
- High output and heat transfer capability
- Complete with built-in circulation pump, flow indicator, control, and union coupling.
- Heat exchangers in titanium with PVC jacket reduces heat loss and eliminates the risk of corrosion
- Digital LED controller for easy temperature adjustment and timer setting
- Suitable for outdoor pools, indoor pools and hot tubs



Modell		GJHE-20 (LT)	GJHE-30 (LT)	GJHE-20 (HT)	GJHE-30 (HT)
Heating output¹					
- 45 °C	kW	12	15	12	15
- 60 °C	kW	20	30	20	30
- 90 °C	kW	-	-	35	50
Heat exchanger		Titanium / PVC	Titanium / PVC	Titanium / PVC	Titanium / PVC
Primary side					
- Water cnct.	mm	G20	G20	G20	G20
- Nominal flow	m ³ /h	0.85	0.85	0.85	0.85
- Pressure drop	bar	0.25	0.2	0.25	0.2
Pool side					
- Water cnct.	mm	50	50	50	50
- Nominal flow	m ³ /h	10	15	10	15
- Pressure drop	bar	0.1	0.12	0.1	0.12
Height	mm	614	614	614	614
Width	mm	508	508	508	508
Depth	mm	370	370	370	370
Weight	kg	23	30	23	30

¹ Heating output measured at supply temperatures of 45, 60 and 90 °C. Incoming water temp.: 27°C.

Peripheral equipment

Flat solar collectors with accessories - **GJSC-8 / GJSC-AK**

1.8 m² flat solar collector. Robust design.
Installation accessories are available (expansion tank, circulation pump, couplings)



Ground stand - **GJFB-250**

Ground stands for heat pump installation. Suitable for both vertical and horizontal swimming pool heat pumps.



Wall bracket - **GJWB-430**

Simple bracket suitable for most heat pumps and heat exchanger solutions (GJHE)



Bypass kit- **GJPACW-BPK**

Complete kit consisting of valves, pipe, adhesive and instructions.



Display package - **GJPACW-DPK**

Display and extension cable for those who want to mount the display separately from the heat pump.



Technical advice and dimensioning

Are you unsure about which model to choose? Our experience means we can quickly help you find your way. You will get the fastest response by mailing us at sales@gullbergjansson.com

Service and support

Do you need help with service and support? Our support department solves problems quickly. The easiest way of reaching us is by e-mail to support@gullbergjansson.com

Additional information

Go to our website www.gullbergjansson.com for more information about how to get in contact with us.

Gullberg & Jansson

Gullberg & Jansson AB develops and markets energy-efficient products for heating and cooling. We have an extensive range of heat pumps for swimming pools, houses and larger properties.

Our dealer network in Scandinavia consists of accredited refrigeration and plumbing contractors, and established swimming pool companies. Outside of Scandinavia we have a network of distributors.

We are members of the trade associations KTF, (The Swedish Society of Refrigeration) and SVPP (Swedish Pool Producers). Read more about KTF at www.kyltekniska.se and SVPP at www.svpp.se (both websites in Swedish).

