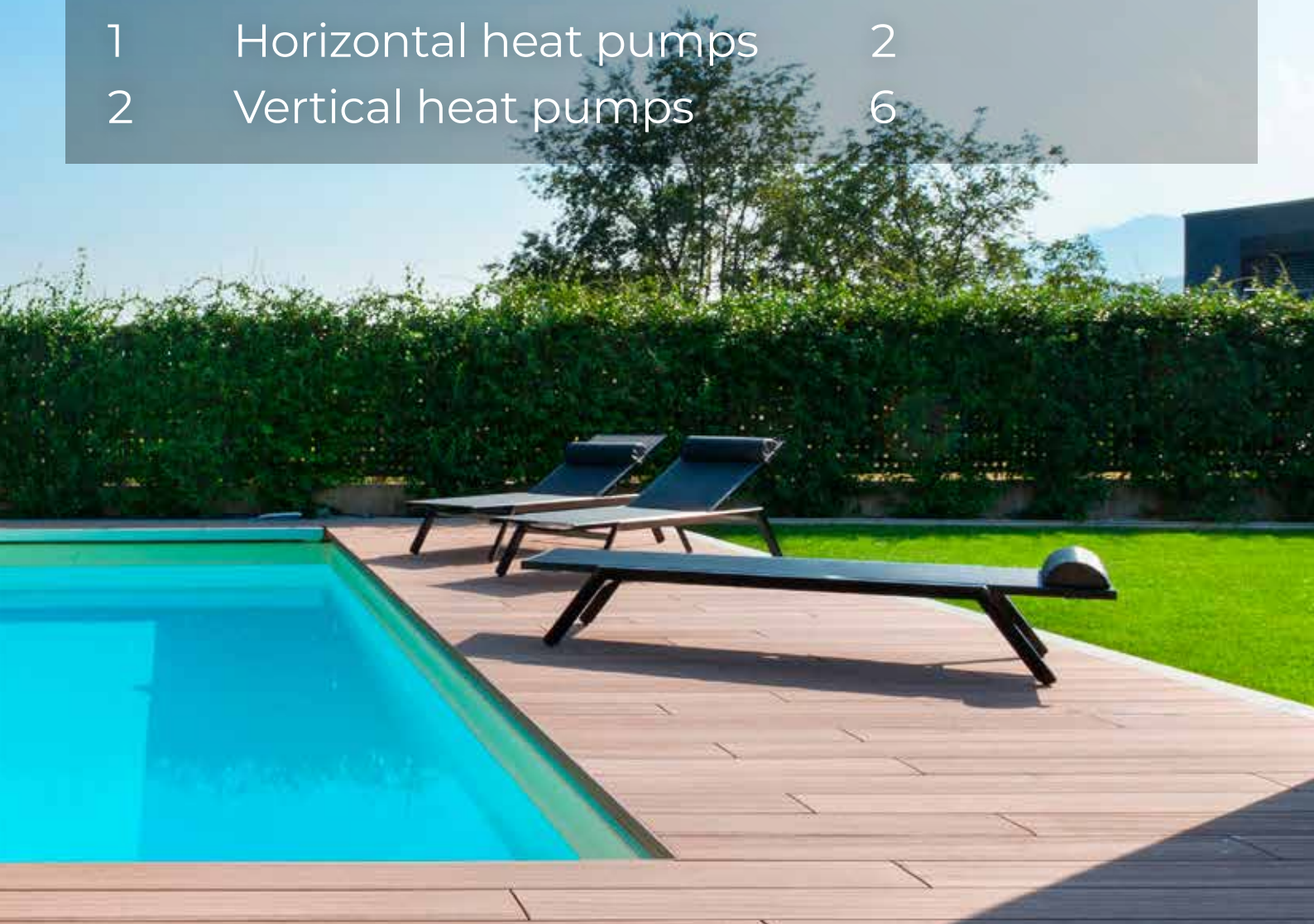


ENJOY YOUR OWN POOL WITH NORSUP'S EXCLUSIVE POOL DESIGNS

The Norsup range opens up a myriad of opportunities to create the perfect pool for you . Norsup pools are designed to suit your needs and can be controlled from anywhere in the world thanks to our "NorsupOne" smart pool technology. You can relax knowing that your pool is safe and well maintained without the need for tedious testing. In addition to that, our Norsup pools can be installed much quicker than traditional methods so you can enjoy your new swimming pool in no time at all.

NORSUP POOL HEATING

1	Horizontal heat pumps	2
2	Vertical heat pumps	6



1.



NORSUP HORIZONTAL HEAT PUMPS



NORSUP HEAT PUMP INVERTER PX

HORIZONTAL

The Norsup full inverter heat pump makes it possible to adjust the speed of the ventilator from 10% to 100%, depending on the outside temperature and water temperature. This significantly reduces energy consumption and noise levels. The Norsup heat pump reaches the desired temperature fast and reduces temperature fluctuations. Efficient, ecological and economical. Furthermore, the heat pump is equipped with a 5 inch high-end touch screen display with which you can set temperatures and programs. It also provides you with the consumption and temperature history.

And with the especially developed app, you can remotely control the heat pump from smartphone or tablet.

The heatpump uses R32 refrigerant instead of R410A. Both refrigerants are energy efficient and green, but the R32 refrigerant has a 3 times lower GWP (Global Warming Potential) than the R410A.

TYPE PX HORIZONTAL

Type	Heating capacity A27/W27	Cop A27/W27	Heating capacity A15/W25	Cop A15/W25	Pool Volume (m ³)*
P13X/32	13-3.0	16-6.7	9.2-2.0	8-5.2	35-60
P17X/32	17-3.8	16-6.7	11.5-3.0	8.2-5.2	45-80
P20X/32	20-4.6	16-6.7	14-3.0	8.2-5.1	55-95
P20TX/32	19.5-4.6	12.43-5.5	14-3.0	8.2-5.1	55-95
P26X/32	26-6.8	16-6.7	19-5.4	8.2-5.2	75-130
P26TX/32	26-6.8	16-6.7	19-5.4	8.2-5.2	75-130
P35X/32	35.0-8	16-6.7	24-5.6	8.2-5.2	100-175
P35TX/32	35.0-8	16-6.7	24-5.6	8.2-5.2	100-175

*Provided it is correctly insulated, calculation model: max vol 7x heating capacity (A15/W25) / min vol 4x heating capacity (A15/W25). Winter cover included.



Including 5 inch full color display and app for remote control with smartphone or tablet.

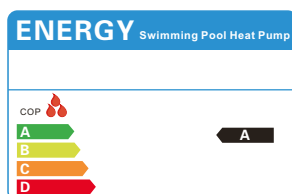


FEATURES

- Energy label: A
- COP up to 16
- The heat pump inverter provides the opportunity to automatically adjust heating capacities to suit weather conditions
- “All seasons” model works down to -15°C
- Cabinet made of ABS
- Full flow
- Easy digital temperature control with LCD display and remote control with SmartControl app
- Quiet running with silent rotary compressor and variable speed fan
- All functions are microprocessor controlled
- Soft start, no voltage peaks
- R32 gas for environmentally friendly operation
- Automatic defrost
- Titanium heat exchanger resistant to salt and chlorine
- Drain and flow switch
- Winter cover included



NORSUP 4 YEARS WARRANTY
 10 YEARS ON COMPRESSOR
 10 YEARS ON HEAT EXCHANGER





TYPE PX HORIZONTAL TECHNICAL DATA

		MODEL P13X/32	MODEL P17X/32	MODEL P20X/32	MODEL P20TX/32
Part no.		7024626	7024627	7024628	7024629
Heating Capacity A27/W27 (max.-min.)	KW	13-3.0	17-3.8	20-4.6	4.6-19.5
Heating Capacity A15/W25 (max.-min.)	KtW	9.2-2.0	11.5-3.0	14-3.0	14-3.0
Power input (max.-min.)	KW	1.94-0.19	2.54-0.24	2.98-0.29	0.37~3.54
Swimming pool volume*	m ³	35-60	45-80	55-95	55-95
Rated current	A	9,7	17,2	20,6	6,9
Minimum fuse	A	14,5	25,8	30,9	10,3
COP at A27/W27		16-6.7	16-6.7	16-6.7	12.43~5.5
COP at A15/W25		8-5.2	8.2-5.2	8.2-5.1	8.2-5.1
Power Supply	V/Ph/Hz	220~240/1/50	220~240/1/50	220~240/1/50	380/3/50
Heat exchanger		Twist-titanium tube in PVC	Twist-titanium tube in PVC	Twist-titanium tube in PVC	Twist-titanium tube in PVC
Condenser		Titanium	Titanium	Titanium	Titanium
Compressor type		Rotary	Rotary	Rotary	Rotary
Compressor brand		Hitachi	Hitachi	Mitsubishi	Mitsubishi
Refrigerant		R32	R32	R32	R32
Fan Quantity		1	1	1	1
Fan Direction		Horizontal	Horizontal	Horizontal	Horizontal
Fan Rotate Speed	RPM	400-800	500-750	500-900	500-900
Noise - Silence mode (10m)	dB(A)	22	24	25	25
Water Connection	mm	50	50	50	50
Nominal Flow Volume	m ³ /h	4,2	5,3	6,6	6,6
CO ₂ equivalent	TON	0.47ton	0.44ton	0.68ton	0.68ton
Net Dimensions L/W/H	MM	1045x450x770	1165x485x870	1165x485x870	1165x485x870
Shipping Dimensions L/W/H	MM	1130x460x780	1210x510x880	1210x510x880	1210x510x880
Wifi module		include	include	include	include

*Provided it is correctly insulated, calculation model: max vol 7x heating capacity (A15/W25) / min vol 4x heating capacity (A15/W25). Winter cover included.

		MODEL P26X/32	MODEL P26TX/32	MODEL P35X/32	MODEL P35TX/32
Part no.		7024630	7024631	7024740	7024632
Heating Capacity A27/W27 (max.-min.)	KW	26-6.8	26-6.8	35.0-8	35.0-8
Heating Capacity A15/W25 (max.-min.)	KW	19-5.4	19-5.4	24-5.6	24-5.6
Power input (max.-min.)	KW	3.88-0.43	3.88-0.43	5.2-0.5	5.2-0.5
Swimming pool volume*	m ³	75-130	75-130	100-175	100-175
Rated current	A	24	9,5	30	10
Minimum fuse	A	36	14,25	45	15
COP at A27/W27		16-6.7	16-6.7	16-6.7	16-6.7
COP at A15/W25		8.2-5.2	8.2-5.2	8.2-5.2	8.2-5.2
Power Supply	V/Ph/Hz	220~240/1/50	380/3/50	220~240/1/50	380/3/50
Heat exchanger		Twist-titanium tube in PVC	Twist-titanium tube in PVC	Twist-titanium tube in PVC	Twist-titanium tube in PVC
Condenser		Titanium	Titanium	Titanium	Titanium
Compressor type		Rotary	Rotary	Rotary	Rotary
Compressor brand		Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi
Refrigerant		R32	R32	R32	R32
Fan Quantity		2	2	2	2
Fan Direction		Horizontal	Horizontal	Horizontal	Horizontal
Fan Rotate Speed	RPM	400-800	400-800	400-900	400-900
Noise - Silence mode (10m)	dB(A)	26	26	28	28
Water Connection	mm	50	50	50	50
Nominal Flow Volume	m ³ /h	8,6	8,6	10,0	10,0
CO ₂ equivalent	TON	0.88ton	0.88ton	0.88ton	0.88ton
Net Dimensions L/W/H	MM	1165x470x1275	1165x470x1275	1165x470x1275	1165x470x1275
Shipping Dimensions L/W/H	MM	1210x495x1300	1210x495x1300	1210x495x1300	1210x495x1300
Wifi module		include	include	include	include

*Provided it is correctly insulated, calculation model: max vol 7x heating capacity (A15/W25) / min vol 4x heating capacity (A15/W25). Winter cover included.



2.



NORSUP VERTICAL HEAT PUMPS



NORSUP HEAT PUMP INVERTER PV

VERTICAL

The full inverter heat pump offers the ability to vary the heating capacity to suit weather conditions. Low noise rotary compressor and low noise variable speed fan motor reduce ambient noise and energy consumption. The vertical fan on this unit is ideal to allow installation in confined areas. Wi-Fi module is also included in the package.

TYPE PV VERTICAL

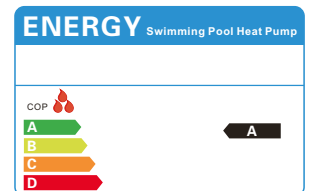
Type	Heating capacity A27/W27	Cop A27/W27	Heating capacity A15/W25	Cop A15/W25	Pool volume (m ³)
P13V/32	13.5 - 3.7	13.4 - 7	10 - 2.7	6.2 - 5	35-60
P17V/32	17.0 - 3.4	13 - 6.6	12.7 - 2.7	6.8 - 5	45-80
P21V/32	21.3 - 6.2	15.6 - 7.3	16.3 - 6.5	7 - 5.4	60-110
P21TV/32	21.1 - 6.3	14.8 - 7.6	16.3 - 4.5	7.4 - 5.6	60-110
P24V/32	24.9 - 5.6	15.2 - 6.4	18.7 - 4.4	7.1 - 5.1	70-125
P24TV/32	24.3 - 5.5	14.2 - 6.6	18.8 - 4.1	7.1 - 5.1	70-125
P31V/32	30.6 - 8.5	14.3 - 6.3	23.8 - 6.4	7.8 - 5	90-160
P31TV/32	31.2 - 8.8	15.7 - 6.1	23.6 - 6.5	8.2 - 5	90-160
P35V/32	35.0 - 7.1	11.4 - 5.1	27.5 - 6.4	6.5 - 4.1	105-185
P35TV/32	35.5 - 7.8	12.2 - 5.2	27.5 - 6.4	6.8 - 4.1	105-185



FEATURES

- Energy label A
- Full colour touch screen
- Automatically adjusts heating capacity to suit weather conditions
- “All season” model works until -15°C
- Quiet running with low noise rotary compressor and low noise
- Variable speed fan motor
- Reduce energy consumption by using power/smart/silent modes
- Automatic heating and cooling
- Automatic defrost
- Efficient COP up to 16
- Cabinet made of ABS
- Titanium twisted heat exchanger resist to salt and chlorine
- Soft start, no voltage peaks
- R32 gas, which has a 3x lower GWP (Global Warming Potential) than the R410A
- 4 years warranty for heat pump, 10 years warranty for compressor and heat exchanger
- Winter cover included
- Maximum pool volume depending on environmental conditions

Including 5 inch full colour display and app for remote control with smartphone or tablet.



Integrated WiFi connection

TYPE PV VERTICAL TECHNICAL DATA

TYPE PV VERTICAL		MODEL P12V/32	MODEL P17V/32	MODEL P21V/32	MODEL P21TV/32	MODEL P24V/32
Part no.		7026965	7026966	7026967	7026968	7026969
Heating capacity A27/W27 (max. - min.)	kW	13.5-3.7	17-3.4	21.3-6.2	21.1-6.3	24.9-5.6
Heating capacity A15/W25 (max. - min.)	kW	10-2.7	12.7-2.7	16.3-6.5	16.3-4.5	18.7-4.4
Power input (max.-min.)	kW	2.9-0.23	3.54-0.31	4.55-0.43	5.2-0.43	5.3-0.47
Swimming pool volume*	m ³	35-60	45-80	60-110	60-110	70-125
Rated current	A	12	14.8	17.7	8.7	22.6
Minimum fuse	A	20	20	30	20	30
COP at A27/W27		13.4-7	13-6.6	15.6-7.3	14.8-7.6	15.2-6.4
COP at A15/W25		6.2-5	6.8-5	7-5.4	7.4-5.6	7.1-5.1
Power supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	380/3/50	220-240/1/50
Evaporator		Hydrophilic finned heat exchanger	Hydrophilic finned heat exchanger	Hydrophilic finned heat exchanger	Hydrophilic finned heat exchanger	Hydrophilic finned heat exchanger
Condenser		Twisted double coil PVC titanium heat exchanger	Twisted double coil PVC titanium heat exchanger	Twisted double coil PVC titanium heat exchanger	Twisted double coil PVC titanium heat exchanger	Twisted double coil PVC titanium heat exchanger
Compressor type		Rotary	Rotary	Rotary	Rotary	Rotary
Compressor brand		Mitsubishi	Mitsubishi	Panasonic	Panasonic	Panasonic
Refrigerant		R32	R32	R32	R32	R32
Fan quantity		1	1	1	1	1
Fan direction		Vertical	Vertical	Vertical	Vertical	Vertical
Fan rotate speed	RPM	500-700	500-700	500-700	500-700	600-750
Noise level (1 m)	dB(A)	44-54	46-56	48-56	48-56	50-56
Noise level (10 m)	dB(A)	24-34	26-36	28-38	28-38	30-40
Noise - silence mode (10 m)	dB(A)	24	26	28	28	30
Water connection	mm	50	50	50	50	50
Nominal flow rate	m ³ /h	4.2	5.5	7.0	7.1	9.0
Gas quantity	kg	0.65	0.8	1.35	1.35	1.65
CO ₂ equivalent	Tonne	0.44	0.54	0.91	0.91	1.05
Net dimensions	mm	723/835/865	723/835/865	770/990/970	770/990/970	770/990/970
Shipping dimensions	mm	773/885/915	773/885/915	820/1040/1000	820/1040/1000	820/1040/1000
Wi-Fi Module		include	include	include	include	include

*Provided it is correctly insulated, calculation model: max vol 7x heating capacity (A15/W25) / min vol 4x heating capacity (A15/W25). Winter cover included.



TYPE PV VERTICAL		MODEL P24TV/32	MODEL P31V/32	MODEL P31TV/32	MODEL P35V/32	MODEL P35TV/32
Part no.		7026970	7026971	7026972	7026973	7026974
Heating capacity A27/W27 (max. - min.)	kW	24.3-5.5	30.6-8.5	31.2-8.8	35.0-7.1	35.5-7.8
Heating capacity A15/W25 (max. - min.)	kW	18.8-4.1	23.8-6.4	23.6-6.5	27.5-6.4	27.5-6.4
Power input (max.-min.)	kW	5.7-0.47	7.0-0.53	7.0-0.55	8.6-0.64	8.95-0.66
Swimming pool volume*	m ³	70-125	90-160	90-160	105-185	105-185
Rated current	A	11.74	23	13.3	32.5	14.4
Minimum fuse	A	20	40	20	40	20
COP at A27/W27		14.2-6.6	14.3-6.3	15.7-6.1	11.4-5.1	12.2-5.2
COP at A15/W25	7.1-5.1	7.8-5	8.2-5	6.5-4.1	6.8-4.1	7.1-5.1
Power supply	V/Ph/Hz	380/3/50	220-240/1/50	380/3/50	220-240/1/50	380/3/50
Evaporator		Hydrophilic inned heat exchanger	Hydrophilic inned heat exchanger	Hydrophilic inned heat exchanger	Hydrophilic inned heat exchanger	Hydrophilic inned heat exchanger
Condenser		Twisted double coil PVC titanium heat exchanger	Twisted double coil PVC titanium heat exchanger	Twisted double coil PVC titanium heat exchanger	Twisted double coil PVC titanium heat exchanger	Twisted double coil PVC titanium heat exchanger
Compressor type		Rotary	Rotary	Rotary	Rotary	Rotary
Compressor brand		Panasonic	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi
Refrigerant		R32	R32	R32	R32	R32
Fan quantity		1	1	1	1	1
Fan direction		Vertical	Vertical	Vertical	Vertical	Vertical
Fan rotate speed	RPM	600-750	500-700	500-700	500-750	500-750
Noise level (1 m)	dB(A)	50-56	50-57	50-57	53-59	53-59
Noise level (10 m)	dB(A)	30-40	33-43	33-43	35-45	35-45
Noise - silence mode (10 m)	dB(A)	30	33	33	35	35
Water connection	mm	50	50	50	50	50
Nominal ow rate	m ³ /h	9.0	12.5	12.5	14.6	14.6
Gas quantity	kg	1.65	1.8	1.8	1.9	1.9
CO ₂ equivalent	Tonne	1.05	1.22	1.22	1.28	1.28
Net dimensions	mm	770/990/970	920/960/1025	920/960/1025	920/960/1025	920/960/1025
Shipping dimensions	mm	820/1040/1000	970/1010/1075	970/1010/1075	970/1010/1075	970/1010/1075
Wi-Fi Module		include	include	include	include	include

*Provided it is correctly insulated, calculation model: max vol 7x heating capacity (A15/W25) / min vol 4x heating capacity (A15/W25). Winter cover included.