

VÁGNER POOL s.r.o.

Nad Safinou II 348 252 50 Vestec

Tel: +420 954 600 221
E-mail: info@vagnerpool.com
Web: www.vagnerpool.com

VAGNER
POOL

FAIRLAND
X20 Saving

BLUE POOL
by 100%
GREEN ENERGY



Model	X20HP09	X20HP11	X20HP14	X20HP16	X20HP18	X20HP22	X20HP26	X20HP26T	X20HP32	X20HP32T	X20HP40T
Advised pool volume (m³)	18~35	25~40	30~50	35~60	40~65	45~75	55~90	55~90	65~105	65~105	75~120
Operating air temperature (°C)	-20~43										
Performance Condition: Air 26°C, Water 26°C, Humidity 80%											
Heating capacity (kW) in Turbo mode	9.5	11.5	14.0	16.5	18.5	22.0	26.5	26.5	32.0	32.0	40.0
Heating capacity (kW) in Smart mode	8.0	9.0	12.0	14.0	15.4	18.0	22.5	22.5	27.5	27.5	35.0
COP	19.5~7.3	20.2~7.6	20.0~7.8	20.5~7.4	19.6~7.2	21~7.4	20.7~7.5	20.5~7.4	20.0~7.3	20.0~7.3	20.1~7.3
COP at 50% capacity	14.6	15.0	15.2	15.1	14.8	15.3	15.2	15.2	15.1	15.1	15.0
COP at 20% capacity	19.5	20.2	20.0	20.5	19.6	21.0	20.7	20.5	20.0	20.0	20.1
Performance Condition: Air 15°C, Water 26°C, Humidity 70%											
Heating capacity (kW) in Turbo mode	6.5	7.7	9.2	11.0	12.5	14.8	18.2	18.2	22.3	22.3	28.5
Heating capacity (kW) in Smart mode	5.4	6.4	7.5	9.2	10.4	12.5	15.0	15.0	18.5	18.5	24.0
COP	8.0~5.2	8.7~5.6	8.1~5.4	9.0~5.3	8.2~5.1	9.0~5.4	9.5~5.5	9.3~5.5	8.3~5.4	8.3~5.4	8.2~5.0
COP at 50% capacity	7.2	7.5	7.3	7.7	7.3	7.6	8.0	8.0	7.6	7.6	7.5
COP at 20% capacity	8.0	8.7	8.1	9.0	8.2	9.0	9.5	9.3	8.3	8.3	8.2
Performance Condition: Air 7°C, Water 26°C, Humidity 90%											
Heating capacity(kW) in Turbo mode	5.0	6.6	7.4	9.2	10.5	11.8	15.5	15.5	17.8	17.8	22.8
COP	7.1~4.5	7.2~4.9	7.1~4.6	7.2~4.6	7.0~4.4	7.4~4.5	7.3~4.7	7.2~4.5	7.3~4.7	7.0~4.5	7.0~4.3
Sound pressure at 1m dB(A)	36.6~43.4	37.7~44.8	37.8~45.9	41.0~46.7	41.5~47.3	41.9~49.5	39.7~49.8	39.7~49.8	42.1~50.3	42.1~50.3	41.5~50.5
Sound pressure of 50% capacity at 1m dB(A)	37.6	38.8	40.3	42.7	42.5	43.3	43.1	43.1	45.2	45.2	42.5
Sound pressure at 10m dB(A)	16.6~23.4	17.7~24.8	17.8~25.9	21.0~26.7	21.5~27.3	21.9~29.5	19.7~29.8	19.7~29.8	22.1~30.3	22.1~30.3	21.5~30.5
Heat exchanger	"3D Spiral" titanium heat exchanger										
Casing	Aluminum-alloy Casing										
Power supply	230V/1 Ph/50Hz						400V/3 Ph/50Hz		230V/1 Ph/50Hz	400V/3 Ph/50Hz	
Rated input power at air 15°C (kW)	0.14~1.25	0.15~1.38	0.19~1.7	0.20~2.08	0.25~2.45	0.27~2.74	0.32~3.31	0.32~3.31	0.46~4.1	0.46~4.1	0.60~5.7
Rated input current at air 15°C (A)	0.61~5.43	0.65~6.00	0.83~7.39	0.87~9.04	1.09~10.65	1.17~11.9	1.39~14.4	0.46~4.78	2.01~17.8	0.66~5.91	0.87~8.22
Advised water flux (m³/h)	2~4	2~4	3~4	4~6	4~6	6.5~8.5	8~10	8~10	10~12	10~12	12~18
Water pipe in-out size (mm)	50										
Net Dimension LxWxH (mm)	910×432×660	910×432×660	945×432×660	1045×432×660	1045×432×660	1195×432×760	1072×541×956	1072×541×956	1074×539×947	1074×539×947	1260×539×947
Net weight (kg)	60	63	65	72	72	82	100	100	108	116	131
Qty per 20'FT / 40'HQ (sets)	78/168	78/168	78/165	72/150	72/150	40/135	34/72	34/72	28/64	28/64	18/42

* The advised pool volume indicated applies under following conditions: Swimming pool is well covered; system runs at least 15 hours per day;

* The final specs will be in accordance with the specs on the product .



X20HP

Original Pool Heat Pump with **COP20**
20x Saving 20x Quieter



Specifications of X20 Robot

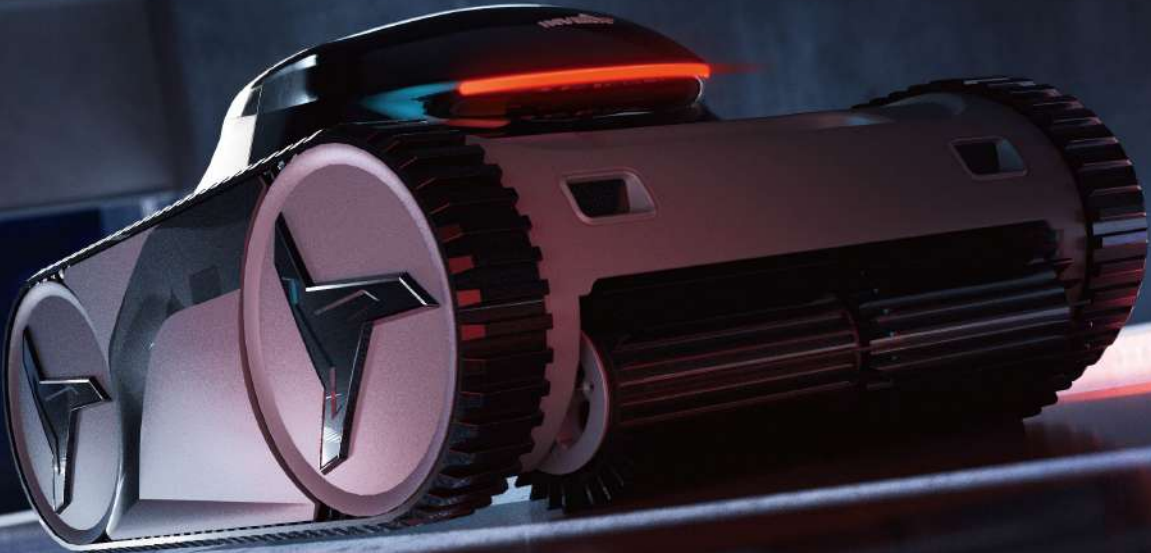
Model	R100	R80	R60	R45	R30
Picture					
Performance codition reference:Floor mode in Liner pool					
Endurance time	10h	8h	6h	4.5h	3h
Performance codition reference:Floor/wall/waterline mode in Liner pool					
Endurance time	6h	4.5h	3.5h	2.5h	2h
Charging time	10h	8h	6h	4.5h	3h
Pool size	12×10m	12×10m	12×10m	12×10m	12×10m
Optimum pool temperature	4~35℃	4~35℃	4~35℃	4~35℃	4~35℃
Cleaning mode	Floor only;Floor/wall/waterline				
Cleaning cycle	0.5h/1h/2h/Max	0.5h/1h/2h/Max	0.5/1h/2h/Max	0.5/1h/2h/Max	0.5/1h/2h/Max
AI Timer	YES	YES	YES	YES	YES
App connection	YES	YES	YES	YES	YES
Filter capacity	3.2L	3.2L	3.2L	3.2L	3.2L
Filtration accuracy	180μm	180μm	180μm	180μm	180μm
Pump flow rate	22~15m³/h	22~15m³/h	20~15m³/h	20~15m³/h	20~15m³/h
Running power	30~110W	30~110W	30~110W	30~110W	30~110W
Moving speed	12m/min	12m/min	12m/min	12m/min	12m/min
Motor number	3	3	3	3	3
Charger Input	100-240VAC~50/60Hz				
Running voltage/current	25.2V/1.2A	25.2V/1.2A	25.2V/1.2A	25.2V/1.2A	25.2V/1.2A
Robot dimension	495*395*265mm	495*395*265mm	495*395*265mm	495*395*265mm	495*395*265mm
Robot N.W/G.W	12kg/17kg	12kg/17kg	12kg/17kg	11.5kg/16.5kg	11.5kg/16.5kg
Warranty	2 years	2 years	2 years	2 years	2 years

*Reference: Above endurance time is based on 2 hours' cleaning each time in liner pool

Cleaning Time Reference (Take a 4*8m liner pool for example) :

- 1. Clean the floor once: 20 minutes
- 2. Clean the whole pool (floor/wall/waterline) once: 40 minutes

X20 Robot



ORIGINAL FULL-INVERTER TECH
Brings Long Endurance

PANTENTED "3D S" PATH
Brings Double Coverage Efficiency

AI TIMER
1 Charge for 2 Week Cleaning

X20 JUMBO SPECS R32

Model	X20J-60T	X20J-120T
Advised pool volume (m³)	130~260	260~520
Operating air temperature (°C)	-20~43	
SCOP	9.0	9.2
Performance Condition: Air 26°C, Water 26°C, Humidity 80%		
Heating capacity (kW) in Turbo mode	60.0	120.0
Heating capacity (kW) in Smart mode	50.0	100.0
COP in Smart mode	8.1	7.9
COP	16.0~6.5	16.1~6.5
COP at 50% capacity	11.1	11.0
Performance Condition: Air 15°C, Water 26°C, Humidity 70%		
Heating capacity (kW) in Turbo mode	42.0	82.0
Heating capacity (kW) in Smart mode	35.0	68.0
COP in Smart mode	5.7	5.2
COP	8.0~4.7	7.5~4.8
COP at 50% capacity	7.0	6.8
Performance Condition: Air 7°C, Water 26°C, Humidity 90%		
Heating capacity (kW) in Turbo mode	32.5	62.0
Heating capacity (kW) in Smart mode	27.0	52.0
COP in Smart mode	4.8	4.0
COP in Turbo mode	4.0	3.7
Performance Condition: Air -15°C, Water 26°C, Humidity 70%		
Heating capacity (kW) in Turbo mode	21.0	42.0
COP	3.0	3.1
Sound pressure at 1m dB(A)	42.1~54.4	43.3~58.5
Sound pressure of 50% capacity at 1m dB(A)	44.8	46.9
Sound pressure at 10m dB(A)	22.1~34.4	23.3~38.5
Compressor	Twin-rotary Mitsubishi DC-inverter	
Heat exchanger	Spiral titanium tube in PVC	
Casing	Aluminum-alloy	
Fan direction	Horizontal	
Power supply	400V/3 Ph/50Hz	
Rated input power at air 15°C (kW)	1.4~8.94	2.6~17.1
Rated input current at air 15°C (A)	2.02~12.9	3.75~24.7
Advised water flux (m³/h)	20~25	30~40
Water pipe in-out size (mm)	75	90
Net dimension L × W × H (mm) (To be confirmed)	1331x458x1630	2108x640x2040
Net weight (kg)	201	450
Qty per 20'FT / 40'HQ (sets)	10/24	7/14

* The advised pool volume indicated applies under following conditions: Swimming pool is well covered; system runs at least 15 hours per day;
* The final specs will be in accordance with the specs on the product .



X20 JUMBO

16x Energy Saving

COP 16 : 1kW Input = 16kW Heat in Return

15 Times Quieter

Sound Pressure Lower to 54 dB(A)



X20 DEHUMIDIFIER SPECS

Model	X20DH-35	X20DH45	X20DH60	X20DH96	X20DH120
Advised pool surface (㎡)	≤10	≤15	≤25	≤40	≤50
Advised room size (㎡)	40~80	50~100	60~120	90~180	120~240
Operating air temperature (°C)		0~38		10~38	
Capacity (l/h) (Air 30°C, RH 80%)	1.5	2.0	2.5	4.0	5.0
DER (l/h.kW) (Air 30°C, RH 80%)	4.20~3.50	4.10~3.70	4.00~3.40	4.53~4.05	4.50~3.68
Capacity (l/h) (Air 30°C, RH 70%)	1.25	1.7	2.1	3.3	4.2
DER (l/h.kW) (Air 30°C, RH 70%)	3.34~3.10	3.34~3.20	3.34~3.00	4.00~3.50	3.86~3.25
Capacity (l/h) (Air 30°C, RH 60%)	1	1.36	1.7	2.6	3.4
DER (l/h.kW) (Air 30°C, RH 60%)	2.8~2.4	2.8~2.5	2.65~2.45	3.2~2.9	3.1~2.7
Electric heating optional (kW)	0.8	0.8	1.3	2.1	2.1
Rated power (kW) (Air 30°C, RH 80%)	0.10~0.45	0.11~0.55	0.11~0.73	0.17~0.99	0.22~1.36
Rated current (A) (Air 30°C, RH 80%)	0.48~1.96	0.48~2.39	0.48~3.17	0.74~4.30	0.96~5.91
Max input current (A)	5.0	5.5	6.50	8.0	9.5
Power supply	230V/1Ph/50Hz				
Sound pressure at 1m dB(A)	34.9~41.4	35.5~43.8	38.3~45.6	40.3~45.8	39.9~46.4
Air flow (m³/h)	400	500	600	1000	1200
Net dimension L × W × H (mm)	1004x220x705	1004x220x705	850x291x770	1120x291x770	1220x291x770
Net weight (Kg)	43	45	53	68	72
Qty per 20'FT / 40'HQ (sets)	80/252	80/252	84/258	60/195	58/189

* The final specs will be in accordance with the specs on the product.



X20 DEHUMIDIFIER

2 Times Energy Saving
Average DER4.3 (Air 30°C/RH 80%)

10 Times Quieter
Sound pressure lower to 38.3dB(A) at 1 meter



Full-inverter®

X20

Solar Energy Storage System

Hybrid Inverter & High Voltage Scalable Battery

<10ms UPS Level Switch
100% Unbalanced Load
Patented Unique Design





X20 iMaster

20X Energy Saving

20X Silent

Water-Cooled IE5 Motor

 **INVERSilence**TM Tech



X20 - iWP

- 15X Energy Saving
- Noise Down to 33 dB(A)
- Intelligent Full-Touch Controller
- Q@8m:24m³/h

INVERSilence™ Tech



X20 - iSaver

- 80% Energy Saving
- 25% Silent
- Power Consumption Reading
- Output Power: 1.1kW, 2.2kW



X20 - iSal

- SmartLink control for inverter pool device
- Visualize water quality of InverPure Tech
- 120% Hyper Disinfection

