

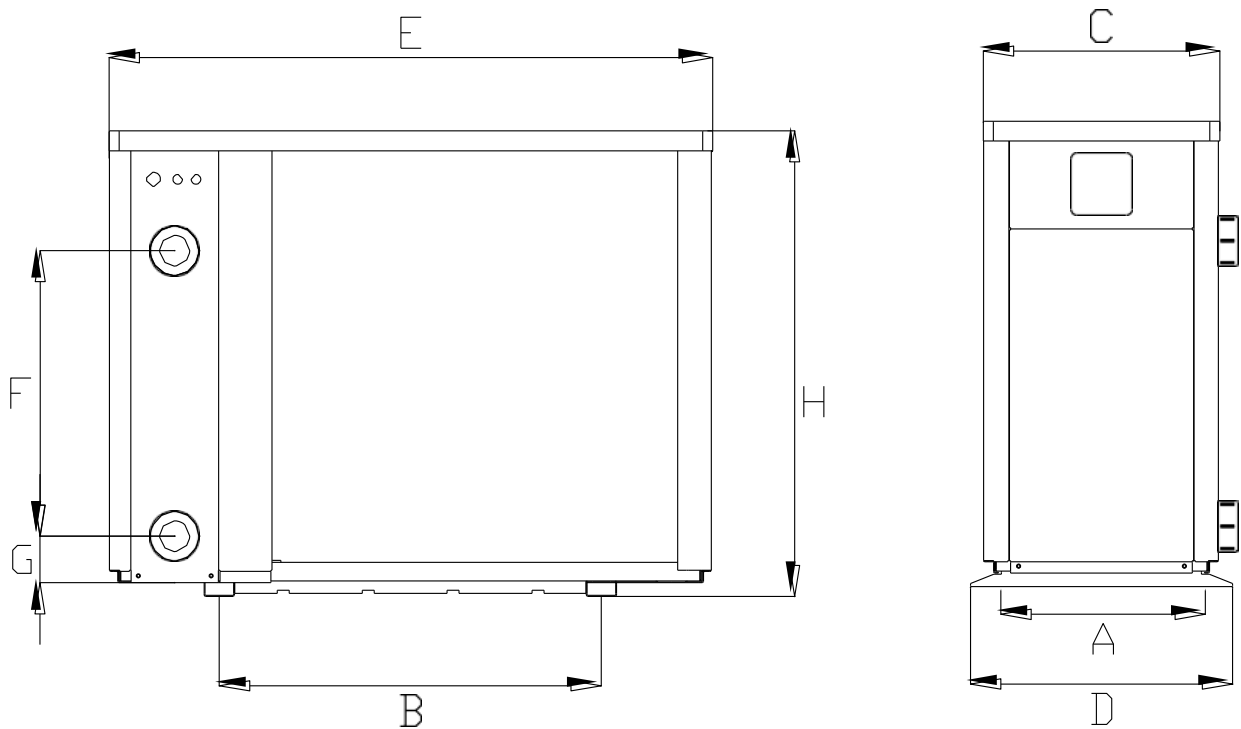


NEPTUNE X-PRO FULL INVERTER HEAT PUMP



Specifications table

1: PRODUCT DIMENSIONS



	UNITS (mm)	A	B	C	D	E	F	G	H
MODEL	NHX10	407	434	390	432	799	300	74	650
	NHX13	407	528	390	432	893	280	74	650
	NHX17	407	574	390	432	939	350	74	650
	NHX21	407	630	390	432	995	460	74	750
	NHX26	404	760	384	429	1125	600	74	952
	NHX32	514	710	493	539	1074	640	74	947
	NHX323	514	710	493	539	1074	640	74	947
	NHX403	514	900	493	539	1264	650	74	947
NOTE: This data is subject to change without notice.									

2: TECHNICAL DATA

Model	NHX10	NHX13	NHX17	NHX21	NHX26	NHX32	NHX323	NHX403
Advised pool volume (L)	20,000 - 40,000	25,000 - 50,000	30,000 - 60,000	40,000 - 75,000	55,000 - 100,000	65,000 - 120,000	65,000 - 120,000	90,000 - 160,000
Working air temp (°C)	-15~43							
Performance Condition: Air 26°C, Water 26°C, Humidity 80%								
Heating capacity (kW) in Smart mode	8.5	11.0	13.8	17.5	21.5	27.0	27.0	35.0
Heating capacity (kW) in Turbo mode	10.2	13.2	16.8	21.0	25.5	31.5	31.5	40.0
C.O.P in Smart mode	7.8	8.2	7.5	7.3	7.8	7.4	7.4	7.3
C.O.P	15.1~7.1	15.0~7.3	15.5~6.4	15.0~6.3	16.0~6.8	15.8~6.3	15.8~6.3	15.8~6.4
C.O.P at 50% capacity	11.4	11.6	11.2	11.2	11.3	11.2	11.2	11.1
Performance Condition: Air 15°C, Water 26°C, Humidity 70%								
Heating capacity (kW) in Smart mode	6.3	7.3	9.4	11.8	14.8	18.0	18.0	24.0
Heating capacity (kW) in Turbo mode	7.5	8.8	11.3	14.3	17.5	21.5	21.5	28.0
C.O.P in Smart mode	5.2	5.3	5.0	5.0	5.4	5.3	5.3	5.1
C.O.P	6.9~4.8	6.8~4.9	7.3~4.4	7.8~4.6	7.8~4.9	7.8~4.9	7.8~4.9	7.9~4.7
C.O.P at 50% capacity	6.5	6.5	6.6	6.8	6.8	6.8	6.8	6.7
Performance Condition: Air 35°C, Water 28°C, Humidity 80%								
Cooling capacity (kW)	4.4	5.6	6.5	8.0	11.6	13.6	13.6	16.0
Sound pressure at 1m dB(A)	38.5~45.5	38.6~46.9	42.0~47.7	42.9~50.8	40.8~51.2	43.3~51.9	43.3~51.9	42.5~51.7
Sound pressure of 50% capacity at 1m dB(A)	39.5	41.3	43.7	44.5	44.4	46.4	46.4	43.8
Sound pressure at 10m dB(A)	18.5~25.5	18.6~26.9	22.0~27.7	22.9~30.8	20.8~31.2	23.3~31.9	23.3~31.9	22.5~31.7
Power supply	230V/1 Ph/50Hz						400V/3 Ph/50Hz	
Rated input power(kW) at air temperature 15°C	0.18~1.53	0.22~1.8	0.26~2.56	0.31~3.08	0.38~3.53	0.46~4.4	0.46~4.4	0.60~5.94
Rated input current(A) at air temperature 15°C	0.78~6.65	0.96~7.82	1.14~11.3	1.35~13.4	1.65~15.3	2.01~19.1	0.66~6.35	0.87~8.57
Water pipe diameter (mm)	50							
Pool pump water flow (m³/h)	2~4	3~4	4~6	6.5~8.5	8~10	10~12	10~12	12~18
Pool pump max. head (m)	10							
Net Dimension LxWxH (mm)	799×432 ×650	893×432 ×650	939×432 ×650	995×432 ×750	1125×429 ×952	1074×539 ×947	1074×539 ×947	1260×539 ×947
Net Weight (kg)	51	61	65	70	98	102	111	126

The values indicated are valid under ideal conditions: pool covered with an isothermal cover, filtration system running at least 15 hours a day. Related parameters subject to adjustment periodically for technical improvement without further notice. For details please refer to nameplate.



MODEL		NHX10	NHX13	NHX17	NHX21	NHX26	NHX32	NHX323	NHX403
Breaker	Rated Current (A)	12.0	15.0	19.0	22.5	24.5	28.5	11.3	15.0
	Rated Residual Action Current (mA)	30	30	30	30	30	30	30	30
Power Supply		230V 50Hz	230V 50Hz	230V 50Hz	230V 50Hz	230V 50Hz	230V 50Hz	400V 50Hz	400V 50Hz
Fuse (A)		12.0	15.0	19.0	22.5	24.5	28.5	11.3	15.0
Power Cord (mm2)		3x2.5	3x2.5	3x4	3x4	3x6	3x6	5x2.5	5x2.5
Signal cable (mm2)		3x0.5	3x0.5	3x0.5	3x0.5	3x0.5	3x0.5	3x0.5	3x0.5

4.3: OPERATING CONDITIONS

ITEMS		RANGE
Operating Range	Ambient Air Temperature*	-15°C – 43°C
Temperature Setting	Heating	18°C – 40°C
	Cooling	12°C – 30°C

*Ideal ambient air temperature is 15°C – 25°C.

MY NOTES:

