

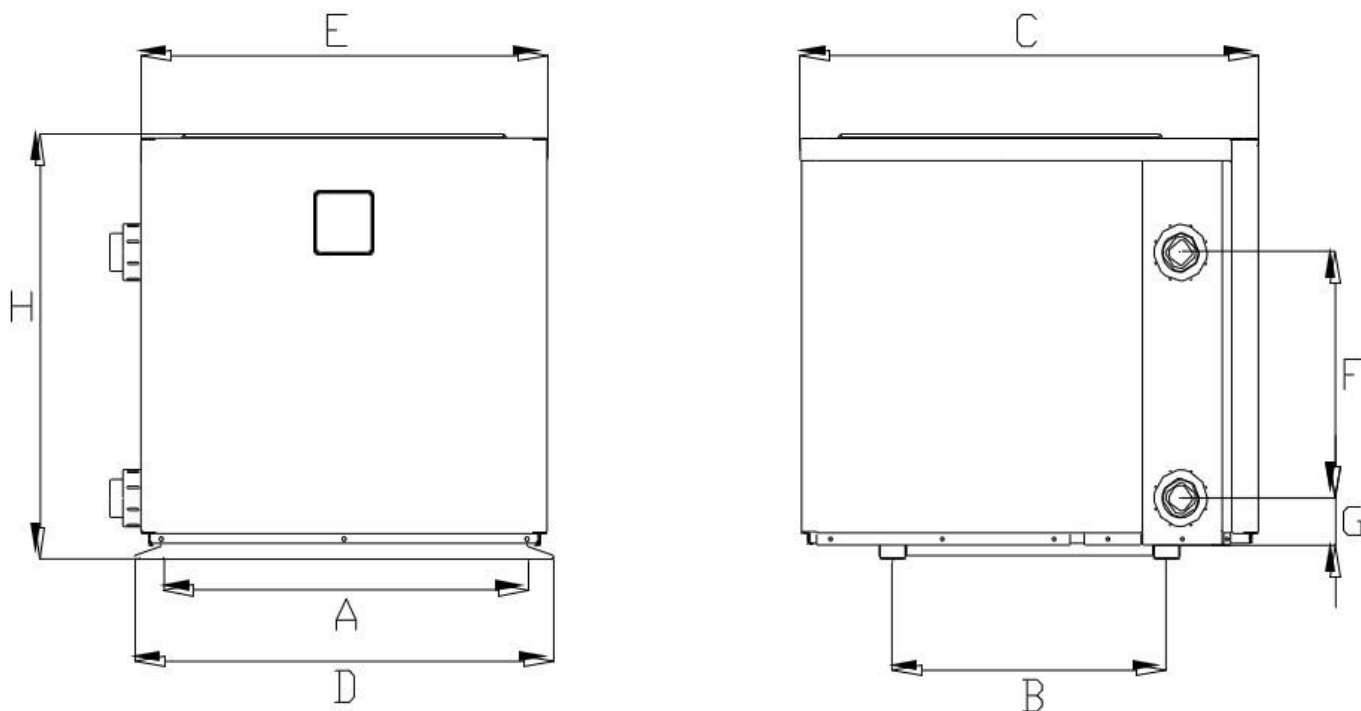


# NEPTUNE X-PRO TOP DISCHARGE FULL INVERTER HEAT PUMP



**Specifications table**

## 1: PRODUCT DIMENSIONS



	UNITS (mm)	A	B	C	D	E	F	G	H
<b>MODEL</b>	NHX10TD	685	441	753	710	688	300	75.5	668
	NHX13TD	685	441	753	710	688	280	75.5	668
	NHX17TD	685	463	775	710	688	350	75.5	668
	NHX21TD	685	463	775	710	688	390	75.5	668
	NHX26TD	685	463	775	710	688	460	75.5	743
	NHX32TD	703	555	955	729	707	640	75.5	917
	NHX32TD3	703	555	955	729	707	640	75.5	917
	NHX40TD3	819	555	955	845	823	650	75.5	917
NOTE: This data is subject to change without notice.									

## 4.2: TECHNICAL DATA

Model	NHX10TD	NHX13TD	NHX17TD	NHX21TD	NHX26TD	NHX32TD	NHX32TD3	NHX40TD3
Advised pool volume (L)	20,000 - 40,000	25,000 - 50,000	30,000 - 60,000	40,000 - 75,000	50,000 - 100,000	65,000 - 120,000	65,000 - 120,000	90,000 - 160,000
Working air temp (°C)	-15~43							
<b>Performance Condition: Air 26°C, Water 26°C, Humidity 80%</b>								
Heating capacity (kW) in Smart mode	8.5	11.0	14.0	17.5	22.0	27.0	27.0	35.0
Heating capacity (kW) in Turbo mode	10.2	13.2	17.2	21.0	26.0	31.5	31.5	40.0
C.O.P in Smart mode	7.6	7.7	7.8	7.3	7.8	7.4	7.4	7.3
C.O.P	14.9~6.6	15.0~6.8	15.6~6.5	15.5~6.3	14.9~6.8	16.0~6.3	16.0~6.3	15.7~6.4
C.O.P at 50% capacity	11.2	11.5	11.7	11.6	11.3	11.2	11.2	11.1
<b>Performance Condition: Air 15°C, Water 26°C, Humidity 70%</b>								
Heating capacity (kW) in Smart mode	6.3	7.3	9.8	11.6	14.5	18.0	18.0	24.5
Heating capacity (kW) in Turbo mode	7.5	8.8	11.6	14.3	17.5	21.5	21.5	28.5
C.O.P in Smart mode	5.0	5.0	4.9	4.9	5.0	5.3	5.3	5.1
C.O.P	7.0~4.3	7.3~4.5	7.8~4.5	7.4~4.4	7.3~4.8	7.8~4.9	7.8~4.9	7.7~4.8
C.O.P at 50% capacity	6.4	6.5	6.7	6.8	6.3	6.8	6.8	6.7
<b>Performance Condition: Air 35°C, Water 28°C, Humidity 80%</b>								
Cooling capacity (kW)	4.5	5.8	7.1	8.2	12.0	14.0	14.0	16.5
Sound pressure at 1m dB(A)	38.8~46.5	38.8~47.9	42.2~48.6	43.1~52.1	41.0~52.9	43.6~53.8	43.6~53.8	42.8~54.0
Sound pressure of 50% capacity at 1m dB(A)	39.0	41.9	44.3	45.2	45.3	46.7	46.7	46.9
Sound pressure at 10m dB(A)	18.8~26.5	18.8~27.9	22.2~28.6	23.1~32.1	21.0~32.9	23.6~33.8	23.6~33.8	22.8~34.0
Power supply	230V/1 Ph/50Hz						400V/3 Ph/50Hz	
Rated input power(kW) at air temperature 15°C	0.17~1.66	0.21~1.95	0.26~2.51	0.33~3.08	0.42~3.67	0.46~4.4	0.46~4.4	0.60~5.94
Rated input current(A) at air temperature 15°C	0.74~7.21	0.91~8.48	1.14~10.9	1.43~13.4	1.82~15.9	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)	710x753 x668	710x753 x668	710x775 x668	710x775 x668	710x775 x743	729x955 x917	729x955 x917	845x955 x917
Net Weight (kg)	61	66	71	78	102	110	117	141

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		NHX10TD	NHX13TD	NHX17TD	NHX21TD	NHX26TD	NHX32TD	NHX32TD3	NHX40TD3
Breaker	Rated Current (A)	12.0	15.0	19.0	22.5	25.5	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	25.5	28.5	11.3	15.0
Power Cord (mm <sup>2</sup> )		3x2.5	3x2.5	3x4	3x4	3x6	3x6	5x2.5	5x2.5
Signal cable (mm <sup>2</sup> )		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.

