

Nova Inverter Pool Pump

 **36 dB**

NOVA INVERTER POOL PUMPS from DROPS POOL are the most silent and energy saving pumps. It combines with full inverter technology, volute hydraulic system and DC brushless motor, not only allows the pump to run intelligently between 30~120% capacity to fulfill different application like filtration and backwash, but also reduces the sound level by more than 30 times and saving energy up to 90%.

Full Inverter Technology

The inverter drive can precisely control the pump speed round by round. It allows the running capacity to be automatically adjusted between 30~120%, which is most energy saving and silent.

Volute Hydraulic System

The Notice is isolated by the volute structure which makes more turbulence free flow at less noise compared with traditional diffuser type.

DC Brushless Motor

DC Brushless motor ensures the pump much less noise, higher efficiency and more durability.



NOVA - Dropspool

INTELLIGENT FULL TOUCH CONTROLLER

• Auto inverter mode:

After setting the water flow, the pump could automatically detect the system pressure and adjust the running capacity

• Manual Inverter Mode:

the running capacity can be set manually according to different application needs



Power Consumption Reading



Flow Reading



One-click Backwash

OTHER FEATURES



External control- RS485 modbus, Digital input, analog input, relay output.

It Allows The Pump To Be Operated By Other Equipments.



Wifi

The pump can be controlled anytime, anywhere



Ambient tempreature: -10°C to 42°C

Water Tempreature: 5°C to 50°C



Protection Class : Class F, IP55

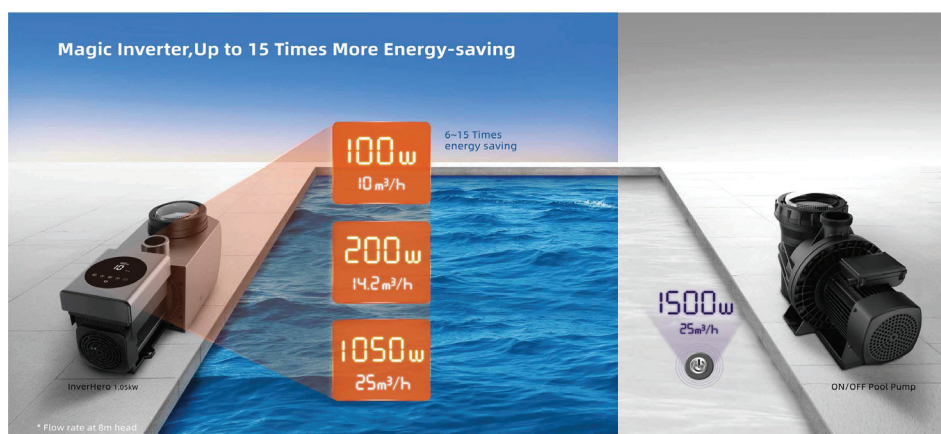


Soft Start - full protection on electrical system

start from 0 amp to rated amps steadily.



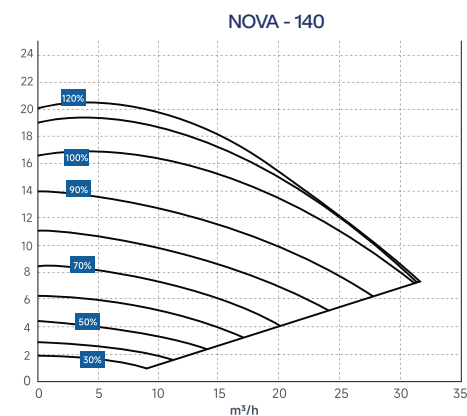
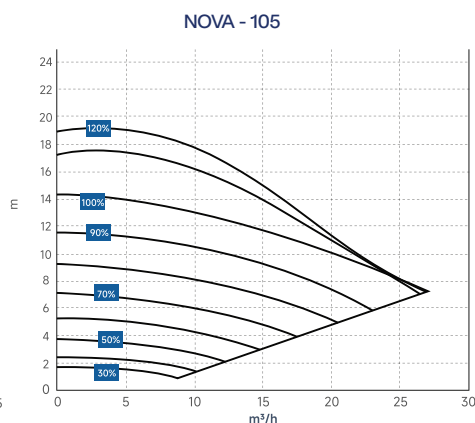
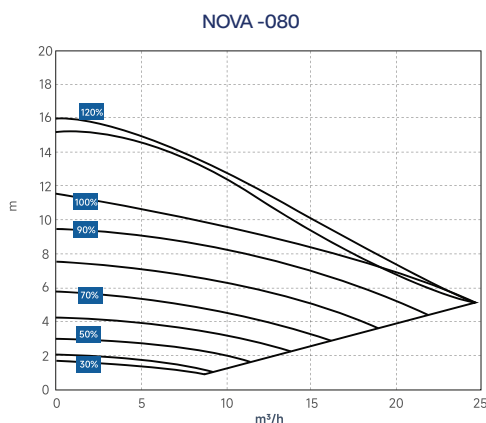
Pumps



TECHNICAL PARAMETER

MODEL	P1 max KW	Voltage (V/Hz)	Qmax (m³/h)	Hmax (m)	Circulation Flow (m³/h)	
					8m	10m
NOVA - 080	0.80	220~240 - 50/60Hz	24.6	16.0	19.1	14.9
NOVA - 105	1.05	220~240 - 50/60Hz	27.1	19.0	25.1	21.1
NOVA - 140	1.40	220~240 - 50/60Hz	31.6	20.0	30.6	27.6

PERFORMANCE CURVE



Model	Packing Dimension (mm)
NOVA -080/NOVA -105/NOVA -140	710*320*430
Net. Weight	16.0
Gross. Weight	18.5

