



NOVA MAX

Energy-saving, electronic circulating pumps meeting the requirements for energy class A pumps.

The energy flow coefficient of NOVA MAX series pumps is:

$$EEI \leq 0,23$$

The NOVA MAX series circulating pump is equipped with a permanent magnet motor and a differential pressure controller that automatically and continuously adjusts the pump performance to meet the actual needs of the system.

The pump control panel is placed on top of the motor, making it easier for the user to operate. Its dial displays the current electricity consumption. The pump set includes a set of screw fittings and an adapter for connecting the cable.



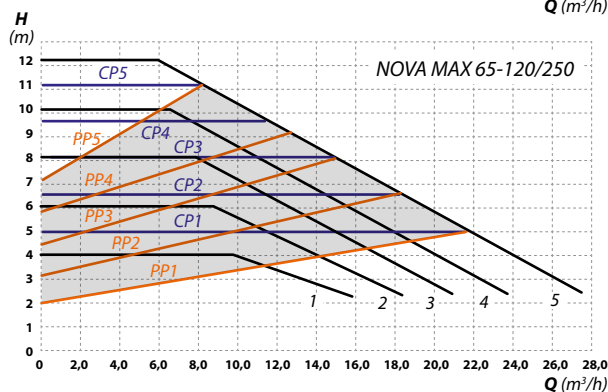
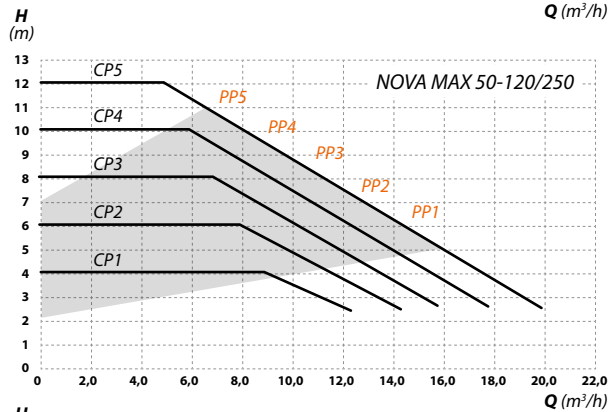
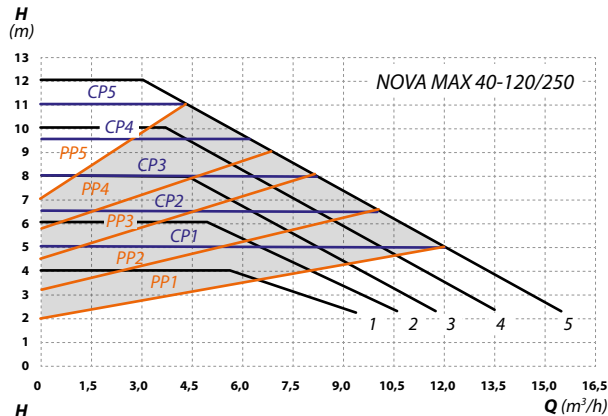
The pump has 16 operating modes:

- AUTO (factory setting) – from the highest to the lowest proportional pressure characteristic curve
- PP1 / PP2 / PP3 / PP4 / PP5 – proportional pressure curves
- CP1 / CP2 / CP3 / CP4 / CP5 – constant pressure curves
- I / II / III / IV / V – constant speed curves.

Application:

The NOVA MAX series circulating pump is best suited for the following systems:

- Constant temperature heating system with variable flow
- Heating system with variable pipeline temperature
- Heating system with night mode
- Air conditioning system
- Industrial circulation system
- Central heating and hot water systems



TECHNICAL DATA		
Electric power supply	1~230 V +6%/-10%, 50 Hz	
Motor protection	There is no need for additional motor protection	
Ingress protection	IP44	
Insulation class	H	
Maximum ambient relative humidity	≤ 95%	
Maximum pressure in the central heating system	1 MPa	
Minimum suction inlet pressure depending on the temperature of the heating medium	Medium temperature	Min. inlet pressure
	≤ 85°C	0,005 MPa
	≤ 90°C	0,028 MPa
	≤ 95°C	0,100 MPa
EMC compliance	EN61000-6-1; EN61000-6-3	
Sound pressure of a running pump	43 dB (A)	
Permissible ambient temperature	0–40°C	
Maximum heating of the pump surface	≤ 115°C	
Temperature range of the pumped liquid	2–110°C	

Model	Number of operating modes	Head (m)	Flow (l/min)	Motor power (W)	Connectors (DN)	Mounting length (mm)	Weight (kg)
NOVA MAX 40-120/250	16	12	275	15–600	DN40	250	17,30
NOVA MAX 50-120/250	16	12	350	15–600	DN50	250	17,75
NOVA MAX 65-120/250	16	12	350	15–600	DN65	250	17,95