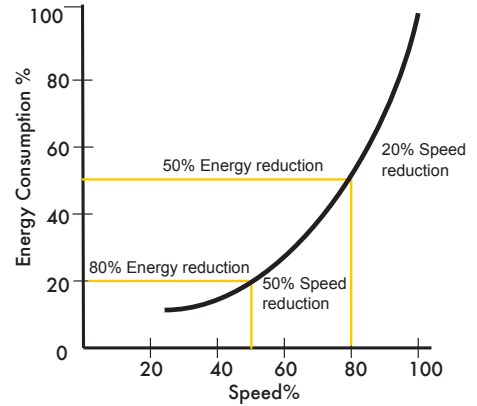


Hydro Pool

The maximum speed of a filtering pump in a pool is intermittent and in effect, a pump often works at various speeds during the day. The use of the variable speed drive Hydro Pool allows the pump to work at a moderate speed for most of the time, which helps reduce energy consumption.

Inverter (VFD) for pool pumps

HydroController Pool allows us to drive a single-phase and three-phase pump 230v with a single-phase residential power supply and three-phase pump 380V with Industrial power supply. The system is guaranteed because of its integrated electrical and hydraulic protection.



HydroController POOL



Hydro Pool controller

Application: A filtering system for pools that use pumps at variable speeds.
Advantages: Easy electric and hydraulic installation. Weekly programming through web monitoring and a smartphone.
Benefits: The possibility to fit a HC drive, in installed electric pumps that don't have inverters and in professional systems with pumps that have a higher power.



Cooling	Air
Position Mounting	Vertical
Display	LCD 2x16
Protection rating	IP65
T operating	40°C
Output Frequency	3 frequency use (100% ÷ 80% ÷ 50%)+ 1adjustable
Electrical Safety	EN60730
Electromagnetic Compatibility	EN61000
Protection	Low/High Voltage, Short-Circuit, Over-Current, Over Heating
Dimensions	39 x 25 x 19 cm
Weight	6kg
Input	5 input wires for external control unit
Optional	pressure sensor for dry running protection (upon request)

SOLAR POOL

A version of HydroPool for solar modules is also available. This device drives the three-phase pump with an asynchronous motor. The software maximizes water flow rate depending on solar energy available. Upon request, a control panel can be provided which switches automatically to the power grid in case solar energy is unavailable or insufficient.

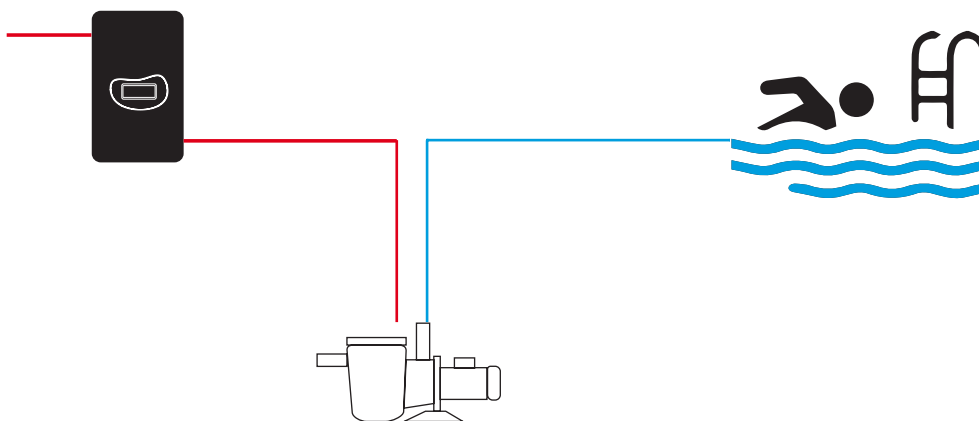
A WIDE RANGE OF MODELS SUITABLE FOR ALL POOL PUMPS

Years of experience in the production of inverters has allowed MAC3to produce a line of variable speed drives for pool pumps.

A choice of air cooling devices give you a chance to drive pumps that have been previously installed and high power pumps for Professional systems.

The Standard version uses pressure button programming. The Advanced version is equipped with a wifi antenna and can be programmed through a P.C. or smartphone.

Model	Line Voltage	Pump Voltage	Phase Current	Max Pump power
HC-MM08-ST	1 x 230Vac	1 x 230Vac	8A	1,1kw (1,5Hp)
HC-MM08-ADV	1 x 230Vac	1 x 230Vac	8A	1,1kw (1,5Hp)
HC-MM12-ST	1 x 230Vac	1 x 230Vac	12A	1,6kw (2,2 Hp)
HC-MM12-ADV	1 x 230Vac	1 x 230Vac	12A	1,6kw (2,2 Hp)
HC-MT10-ST	1 x 230Vac	3 x 230Vac	10A	2,2kw (3Hp)
HC-MT10-ST	1 x 230Vac	3 x 230Vac	10A	2,2kw (3Hp)
HC-MT10-ADV	1 x 230Vac	3 x 230Vac	10A	2,2kw (3Hp)
HC-TT06-ST	3 x 400Vac	3 x 400Vac	06A	2,2kw (3Hp)
HC-TT06-ADV	3 x 400Vac	3 x 400Vac	06A	2,2kw (3Hp)
HC-TT11-ST	3 x 400Vac	3 x 400Vac	11A	4kw (5,5Hp)
HC-TT11-ADV	3 x 400Vac	3 x 400Vac	11A	4kw (5,5Hp)
Large systems				
HC-TT15-ADV	3 x 400Vac	3 x 400Vac	15A	5,5kw (7,5Hp)
HC-TT18-ADV	3 x 400Vac	3 x 400Vac	18A	7,5kw (10Hp)
HC-TT25-ADV	3 x 400Vac	3 x 400Vac	25A	11kw (15Hp)



WEEKLY PROGRAMMING

HydroPool is equipped with a wifi antenna. Therefore, it is possible to set up a weekly program through your PC or smartphone.

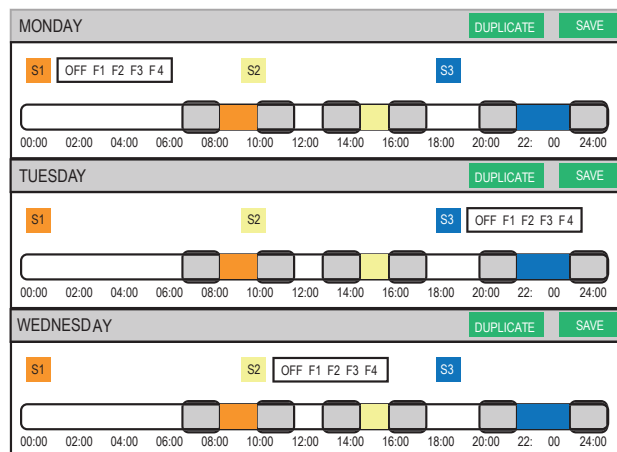
There are two types of internet connections:

- Internet : Upon initial installation, the device drive can connect to a residential wifi. With your PC or smartphone you can connect through a web app, which allows you to set up a weekly program.
- Point to point connection: Upon initial installation, connect your smartphone to the wifi network generated by the drive, so that through the app you can set up a weekly program.

INTERFACE FOR PROGRAMMING

- Start and Stop programming
- 3 times a day are available
- 4 different speeds
- Duplication of daily programming

DRAG&DROP
interface



LEVEL REGULATORS

CONTROL PANELS &
LEVEL CONTROLLERS

BOOSTING SYSTEMS

VARIABLE FREQUENCY
DRIVES