



AD-02/03



AD-10

The ALPHAR HAITUN Variable speed drives are designed for use on water pumps and are especially suitable where constant pressure and multiple consumption points are required.

Particular features are:

- Energy saving of between 20%-50%
- Constant Water pressure and soft start
- Easy installation and setup
- Wide voltage range: the pump can work stably when the voltage range is 160V -250V
- Highly intergrated design: Combining the inverter system, control system, protection system, cooling system and sensor system.

MODEL	AD-03M 0.75KW	AD-02M 1.5KW	AD-10M 1.5KW	AD-10T 1.5KW	AD-10T 2.2KW	AD-10T 4KW	AD-10T 5.5KW
Max motor power	750W	1500W	1500W	1500W	2200W	4000W	5500W
Input Voltage	220V-1Phase			380V-3Phase			
Allowable Voltage Range	160V~50V			300V~450V			
Input Frequency	50Hz/60Hz						
Output Voltage	1~220V			3~380V			
Output frequency range	20~50H or 20~60Hz						
Pressure sensor joint screw	G1 1/4" male						
Max allowable pressure	10bar						
Pressure setting range	1~9bar						
System configuration requirement	Must add an inflatable pressure tank (bigger than 4L) and inflation pressure is 50%~80% of the setting pressure						
Ambient temperature	0~40°C						
Liquid requirement	Clear water, temperature range: 0~50°C, non freeze						
Self-starting pressure	Factory settings:0.3bar Less than the setting pressure						

TAFLOPRESS

PRESSURE CONTROLLERS



**PC-10M
&
PC-58**



PC-59

FEATURES

1. Stop and start the pump automatically
2. Stop the pump in the case of water shortage
3. After power cut off, restart the pump automatically when the power resumes
4. Manual forced start-Reset button
5. Over-pressure protection, stop the pump automatically when the system pressure exceeds 10 bar
6. Automatically restart after water shortage, the restart interval time is 1 minute, 30 minutes, 1 hour and then 1 hour recycle

EXTRA FEATURES PC - 58

7. Suitable for upto 2.2kW 16A Single phase pumps.
8. With pressure sensor and LED display, to manager the system pressure value real-time

EXTRA FEATURES PC - 59

9. Adjustable starting pressure 1-6 bar
10. Adjustable stop pressure 2-10 bar
11. Min differential pressure 1 bar
12. Max differential pressure 1 bar

TECHNICAL DATA	PC-10M	PC-58	PC-59
Starting Pressure	1.4bar	0.5-6 bar	1.6 bar(Adjustable)
Max Rated Current	10A	16A	10A
Max Allowable pressure		10 bar	
Max. power	1.1KW	2.2KW	1.1KW
Rated Voltage:		220V	
Frequency		50Hz	
Max Ambient Temp.		40°C	
Max liquid Temp.		60°C	
Protection Degree		IP65	
Connection		1"	
Weight (kg)	1.38	1.4	1.4



**FLOW SENSOR
PC-18**

- Starting flow: 30-80L/H
- Max Allowable Pressure: 10bar
- Frequency: 50/60Hz
- Max Liquid Temperature: 60°C
- Stops the pump in the case of water shortage and restarts when flow resumes.
- Connection:G 1" male
- Max Rated Current: 10A
- Rated Voltage: 110V or 220V
- Max Ambient Temp: 40°C
- Protection Degree: IP65