



MEET THE MIGHTY CALVI – ADD WATER AND SERVE

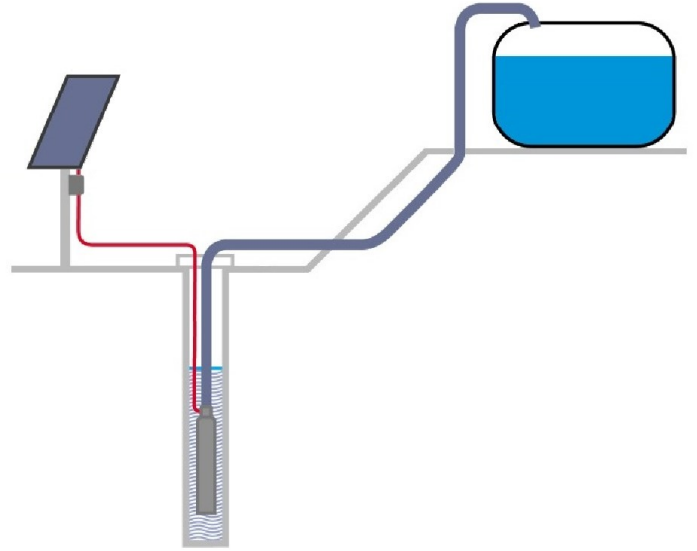
Solar pumps and pump kits

Pumps include:

- 3" pump & controller
- 30 m cable & spare rotor/stator
- High / low water level sensors

Pump kits include all the pump parts, plus:

- Solar panel(s)
- Pole mount frame (pole not included)



Features

- > Pump kits include a comprehensive installation manual.
- > Plug & play design with MC4 connectors so the kit is easy to assemble.
- > No electrician required.
- > Stainless steel construction and stainless steel rotor for durability.
- > Permanent magnet, brushless DC motor for high efficiency and durability.
- > Oil-filled motor to protect the stator from corrosion.
- > Controller and motor are matched to increase efficiency.
- > High level water sensor shuts the pump off if the tank is full.
- > Low level water sensor shuts the pump off if the water supply level gets too low.
- > 30 minute time delay protects the pump from frequent start/stops.

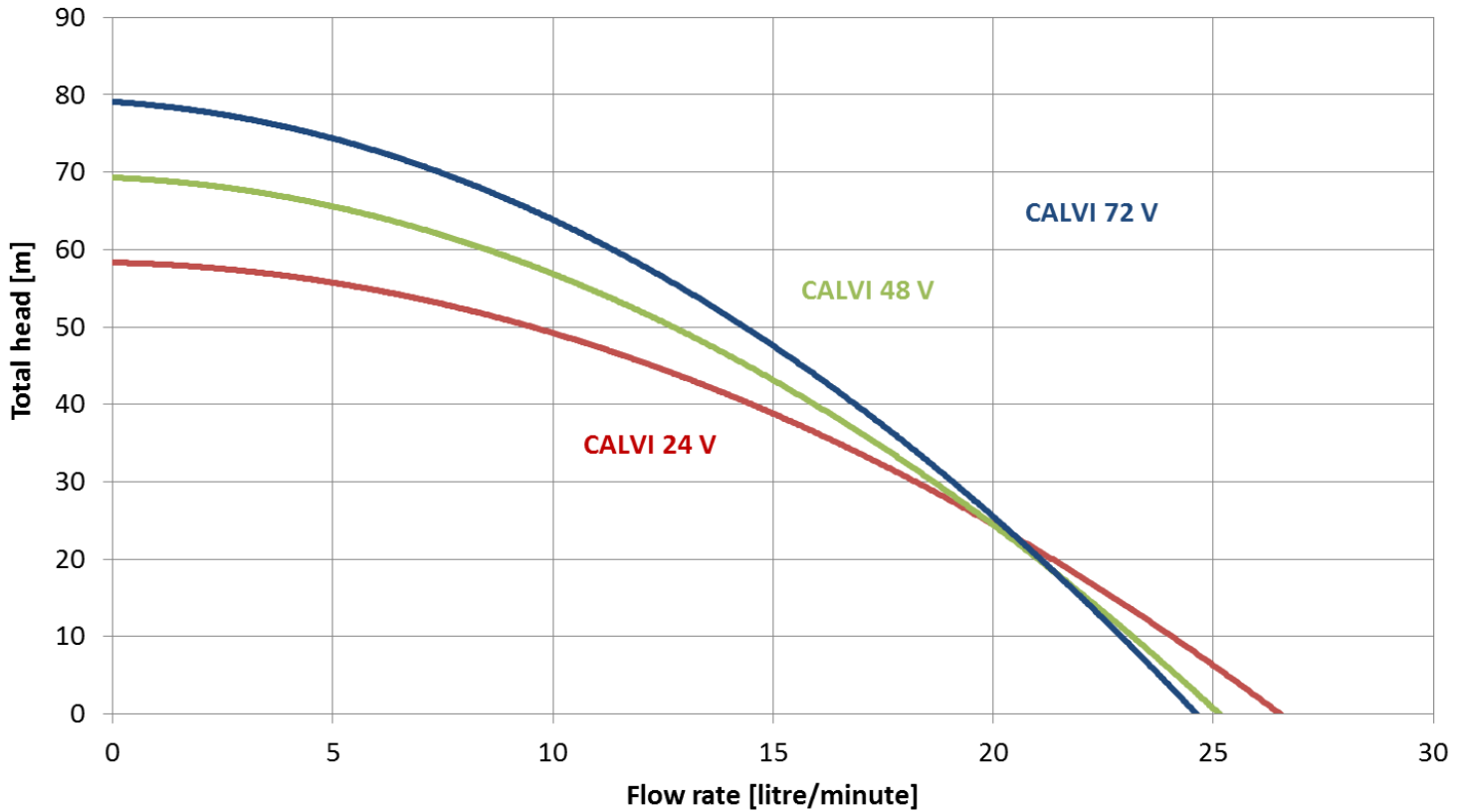
Selection guide

- > 24 V pump or pump kit is suitable for most applications
- > For higher head use either the 48 V or 72 V models





Pump performance



Pump specifications

		CALVI X3-210-24	CALVI S3-200-48	CALVI J3-210-72
Pump Type	n/a	Helical Rotor	Helical Rotor	Helical Rotor
Pump Height	(mm)	480	480	480
Pump Diameter	(mm)	76 (3")	76 (3")	76 (3")
Outlet Diameter	(inches)	3/4	1	3/4
Maximum Pressure Head	(m)	60	77	80
Pump Weight	(kg)	7.5	7.5	7.5
Maximum Flow Rate	(L/hour)	1560	1100	1440
Nominal Voltage	(V)	24	48	72
Motor Power	(W)	210	200	210
Cable Length	(m)	30	25	30

Operating conditions:

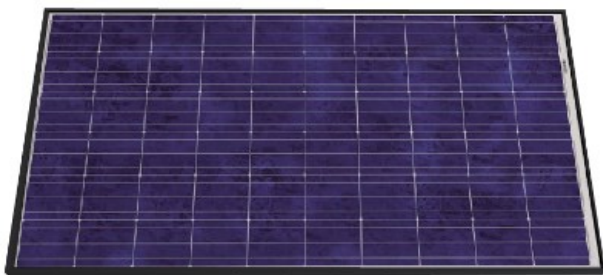
- Non-corrosive water, pH value 6.5—8.5;
- Particulates (e.g. sand) no more than 1% with particle size less than 0.2 mm;
- Maximum medium temperature +40°C;



Kit components

	CALVI 24 V kit	CALVI 48 V kit	CALVI 72 V kit
Pump	CALVI X3-210-24	CALVI S3-200-48	CALVI J3-210-72
Controller	included	included	included
Panels	1x Daqo 250 W	1 x Panasonic HIT 235 W	2x Solar Frontier CIS 150 W
Cables	2x MC4 extension cables, 5 m long	2x MC4 extension cables, 5 m long	2x MC4 extension cables, 5 m long
Frame	PoleLock SLP01	PoleLock SLP01	PoleLock SLP02
Clamps	4x SLECF35 35 mm end-clamps	4x SLECF35 35 mm end-clamps	4x SLECF35 35 mm end-clamps 2x SLMC024 mid-clamps

NOTE: the pump kit does not include 90 DN (101.6mm OD / 4mm thick) galvanised pole or concrete.



 **DAQO**
Panasonic



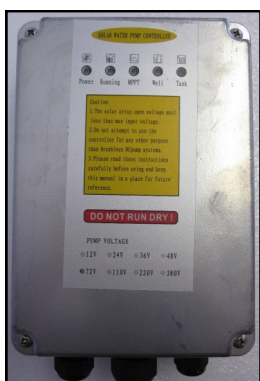
SLP01 (no pole
or concrete)



 **SOLAR
FRONTIER**



SLP02 (no pole
or concrete)



Controller

Sensors and spares