

SIVC DC SOLAR CENTRIFUGAL PUMP

VEICHI

Applications

- Transfer clean water or other water-like liquids with similar chemical properties
- Farm irrigation and domestic watering in areas without electricity
- Off-grid solar irrigation system

Pump Features

- 100% copper winding
- Efficient PMSM brushless motor
(PMSM: Permanent Magnet Synchronous Motor)
- Efficient synchronous motor
- Cast iron pump body with e-coating treatment
- Brass impeller

MPPT DC Controller

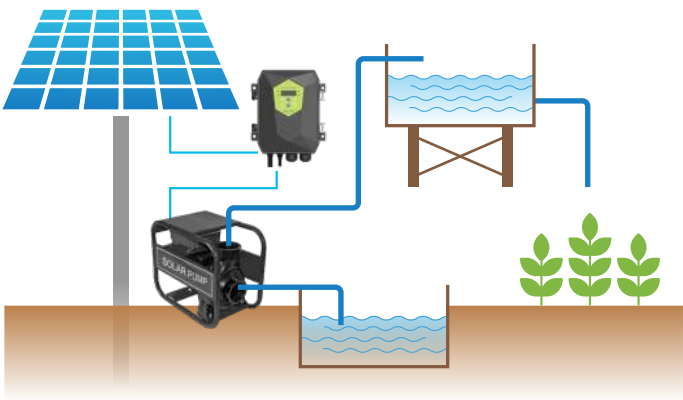
- Protection class: IP55
- Ambient temperature: -15~60°C
- Working conditions & fault code on LED screen
- Auto Start & Stop
- Soft start & frequency conversion



Identification Codes

SIVC 6 - 24 - 48 - 550

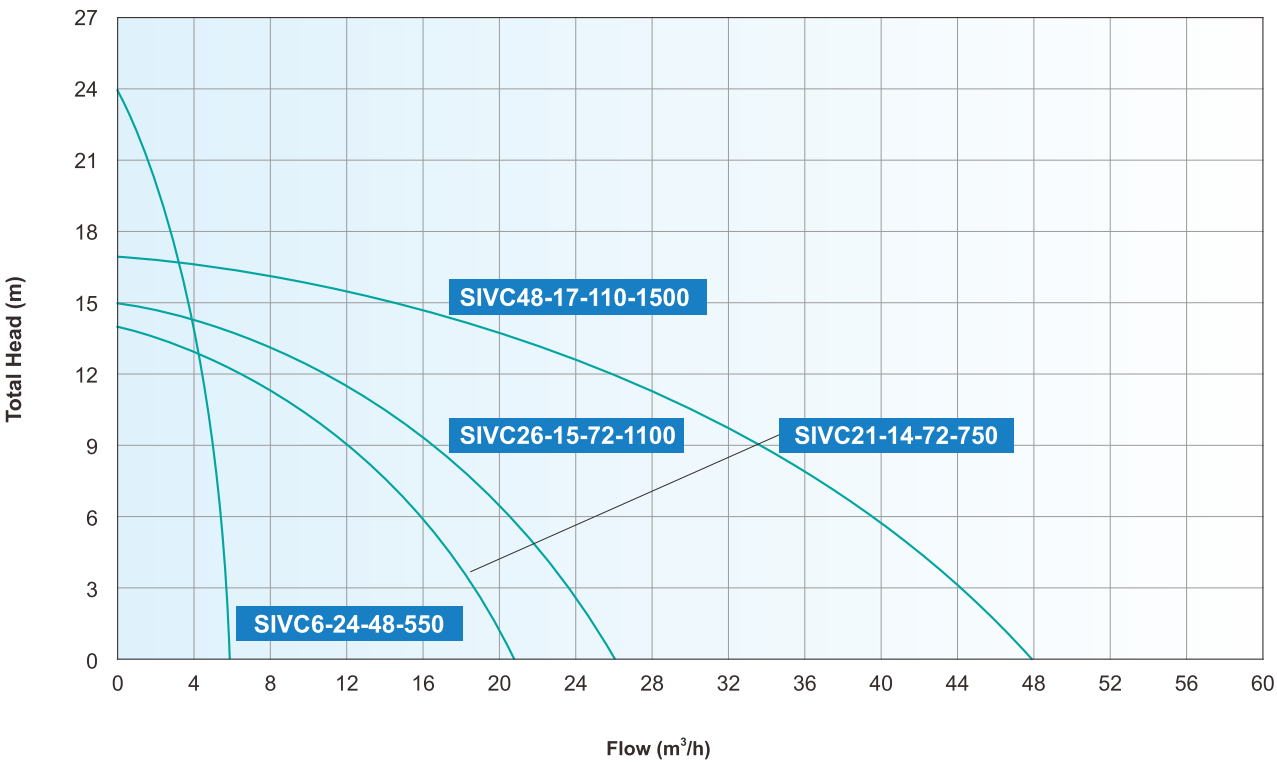
- Rated Power (W)
- Motor Voltage
- Max. Head (m)
- Max. Flow (m³/h)
- Solar Centrifugal Pump



Free Spare Parts

Please refer to page 59 of this manual

DC Solar Centrifugal Pump



Technical Data

Model	Power (W)	Rated Voltage (V)	Optimum Input Voltage (V)	Max. Flow (m³/h)	Max. Head (m)	Inlet/Outlet (inch)	Cable (m)	Recommended Solar Panel	
								Open Circuit Voltage(VOC)	Power
SIVC6-24-48-550	550	48	60-90	6	24	1"x1"	2	< 105	≥1.3*Pump Power
SIVC21-14-72-750	750	72	90-120	21	14	2"x2"	2	< 160	≥1.3*Pump Power
SIVC26-15-72-1100	1100	72	90-120	26	15	2"x2"	2	< 160	≥1.3*Pump Power
SIVC48-17-110-1500	1500	110	110-150	45	17	3"x3"	2	< 210	≥1.3*Pump Power

SIVY DC SOLAR SWIMMING POOL PUMP

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Applications

- Designed for use in residential and commercial swimming pools and spas.
- In most pool applications all of the filtration needs can be met directly from solar panels.

Pump Features

- 100% Copper winding
- High efficiency PMSM brushless motor (PMSM: Permanent Magnet Synchronous Motor)
- High efficiency Synchronous Motor

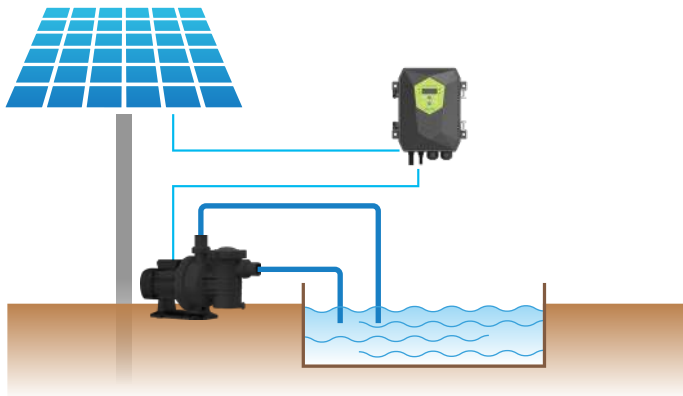
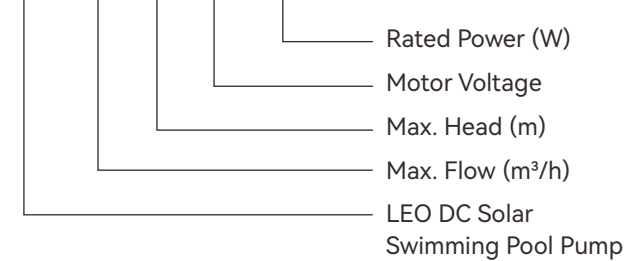
MPPT DC Controller

- Protection class: IP55
- Ambient temperature: -15 ~ 60 °C
- LED Displays working parameter & Fault code
- Soft start & Auto frequency conversion function
- Protection class: IP55



Identification Codes

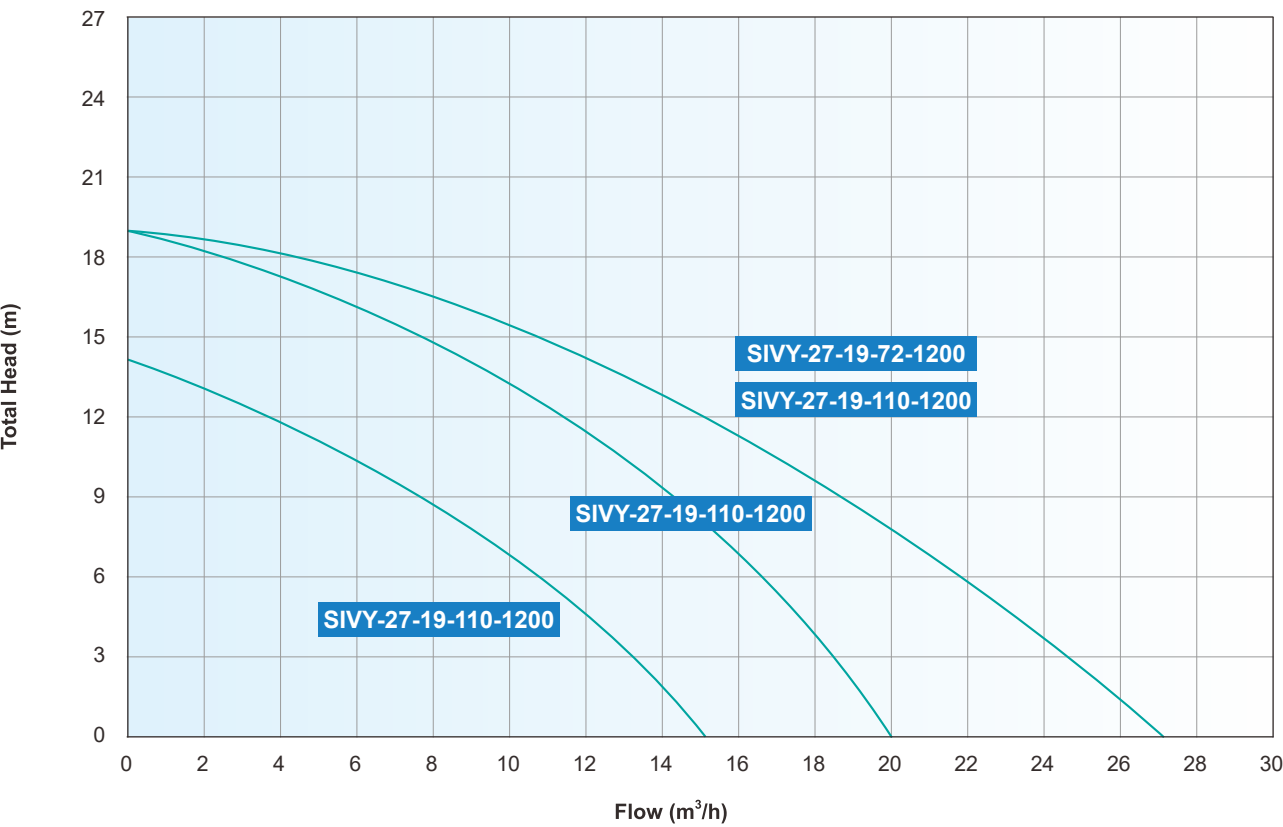
SIVY 15-14-48-500



Free Spare Parts

Please refer to page 60 of this manual

DC Solar Swimming Pool Pump



Technical Data

Model	Power (W)	Rated Voltage (V)	Optimum Input Voltage (V)	Max. Flow (m³/h)	Max. Head (m)	Inlet/Outlet (inch)	Cable (m)	Recommended Solar Panel	
								Open Circuit Voltage(VOC)	Power
SIVY15-14-48-500	500	48	60-90	15	14	2"x2"	2	<105	≥1.3*Pump Power
SIVY20-19-72-900	900	72	90-120	20	19	2"x2"	2	<160	≥1.3*Pump Power
SIVY27-19-72-1200	1200	72	90-120	27	19	2"x2"	2	<160	≥1.3*Pump Power
SIVY27-19-110-1200	1200	110	110-150	27	19	2"x2"	2	<210	≥1.3*Pump Power

SIVB AC/DC SOLAR PERIPHERAL PUMP

Applications

- Transfer clean water or other liquids similar to water in physical and chemical properties
- Farm irrigation & Domestic water lifting for no electricity area
- Off grid solar irrigation system

Pump Features

- 100% Copper winding
- High efficiency PMSM brushless motor (PMSM: Permanent Magnet Synchronous Motor)
- High efficiency synchronous motor
- Cast iron pump body with e-coating treatment
- Brass impeller

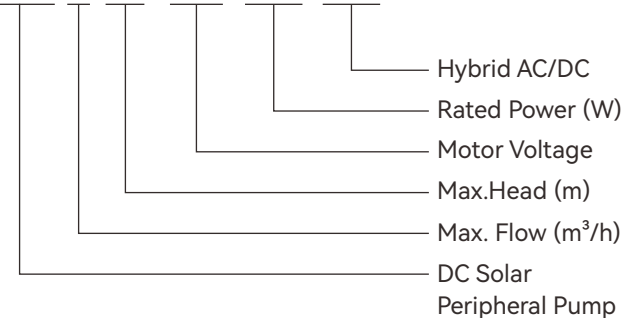
MPPT AC/DC Controller

- Can be used for both AC and DC power supply
- Ambient temperature: -15~60°C
- LED Displays working parameter & Fault code
- Soft start & Auto frequency conversion function
- Protection class: IP55



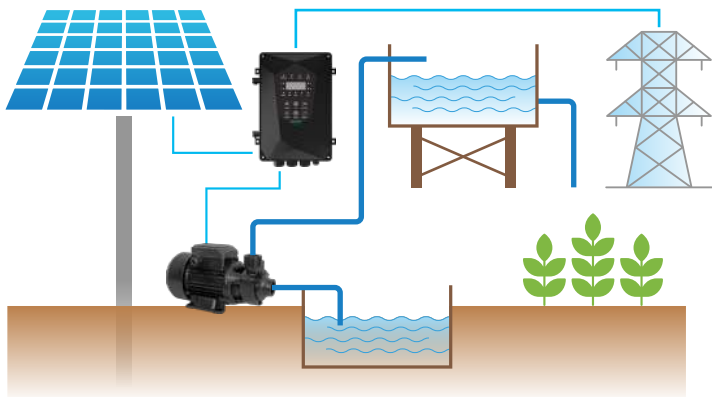
Identification Codes

SIVB 3-65-110-750-A/D

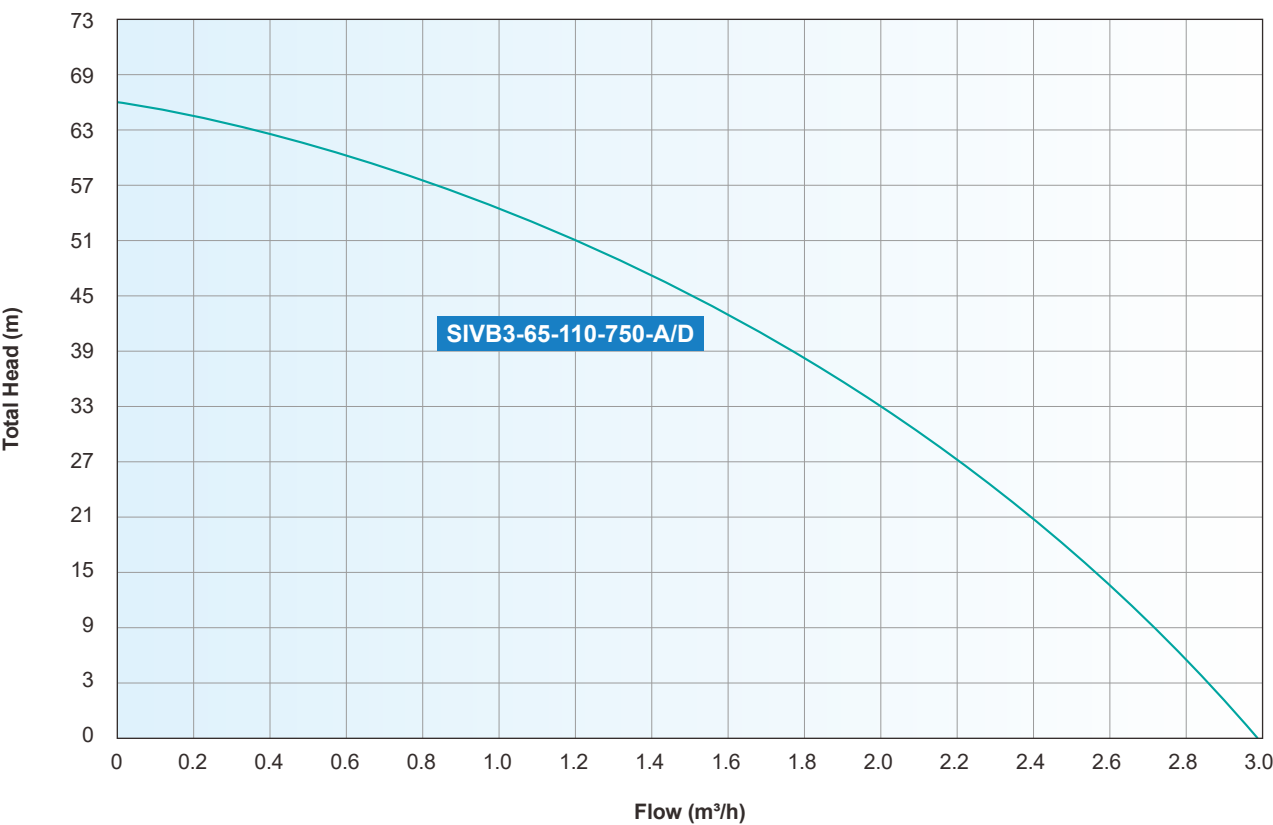


Free Spare Parts

Please refer to page 61 of this manual



Hybrid AC/DC Solar Peripheral Pump



Technical Data

Model	Power (W)	AC Voltage (V)	DC Voltage (V)	Max. Flow (m³/h)	Max. Head (m)	Outlet (inch)	Cable (m)	Recommended Solar Panel	
								Open Circuit Voltage(VOC)	Power
SIVB3-65-110-750-A/D	750	80-280	90-430	3	65	1"x1"	2	<430	≥1.3*Pump Power

SIVC AC/DC SOLAR CENTRIFUGAL PUMP

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Applications

- Transfer clean water or other liquids similar to water in physical and chemical properties
- Farm irrigation & Domestic water lifting for no electricity area
- Off grid solar irrigation system

Pump Features

- 100% Copper winding
- High efficiency PMSM brushless motor (PMSM: Permanent Magnet Synchronous Motor)
- High efficiency synchronous motor
- Cast iron pump body with e-coating treatment
- Brass impeller

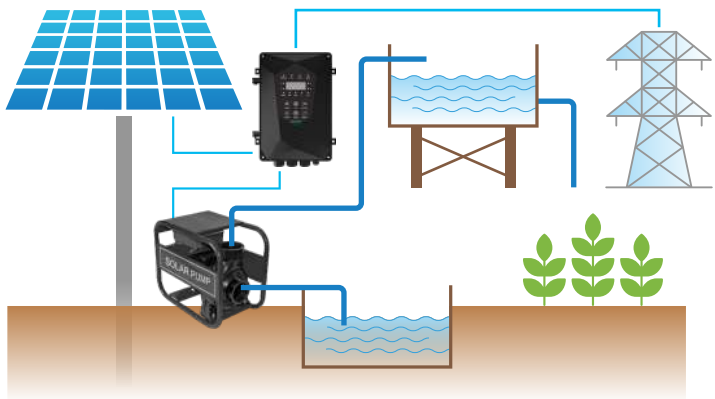
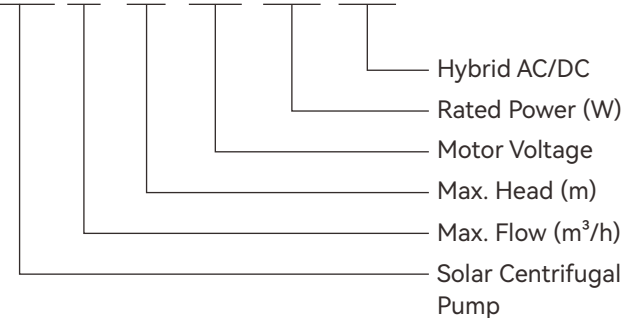
MPPT AC/DC Controller

- Can be used for both AC and DC power supply
- Ambient temperature: -15~60°C
- LED Displays working parameter & Fault code
- Soft start & Auto frequency conversion function
- Protection class: IP55



Identification Codes

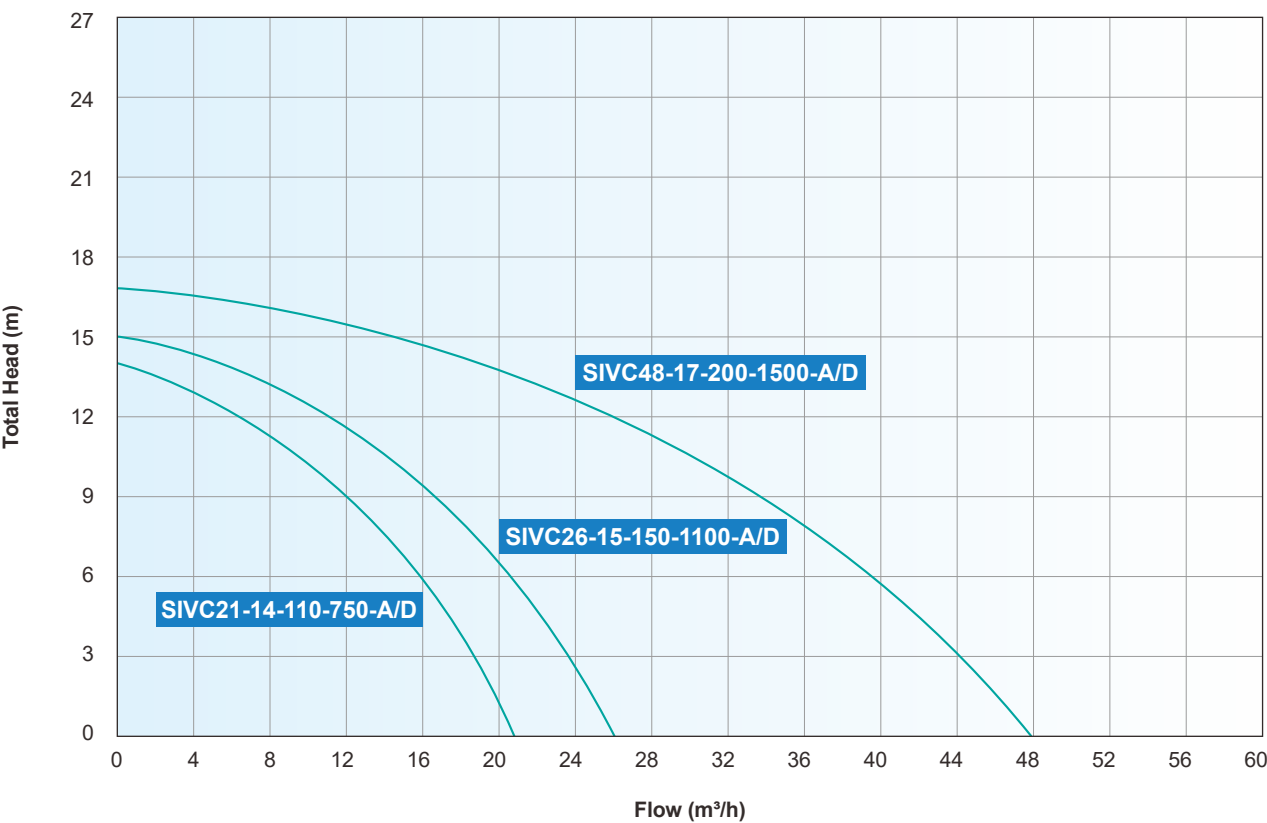
SIVC 21-14-110-750-A/D



Free Spare Parts

Please refer to page 62 of this manual

Hybrid AC/DC Solar Peripheral Pump



Technical Data

Model	Power (W)	AC Voltage (V)	DC Voltage (V)	Max. Flow (m³/h)	Max. Head (m)	Outlet (inch)	Cable (m)	Recommended Solar Panel	
								Open Circuit Voltage(VOC)	Power
SIVC21-14-110-750-A/D	750	80-280	90-430	21	14	2"x2"	2	<430	≥1.3*Pump Power
SIVC26-15-150-1100-A/D	1100	80-280	90-430	26	15	2"x2"	2	<430	≥1.3*Pump Power
SIVC48-17-200-1500-A/D	1500	80-280	90-430	45	17	3"x3"	2	<430	≥1.3*Pump Power