

Water Pump and Spare Parts

At present, the water pump is important equipment for water dispensing for household both in residence and in agricultural purposes. Choosing a water pump is also important factor in getting sufficient volume of water to suit user needs.



Water Pump Spare Parts

Uses for agricultural or water system purposes that needs worthiness. There are fitting that can be converted from PVC Pipe into PE Sub Pipe.

Adapter Set



Code Number	Size (inch x inch)	Pack Size (box)
251	2"x1 1/2"	50
252	2"x2"	50
253	3"x2"	50
254	3"x3"	50

Adapter Female Thread



Code Number	Size (inch x inch)	Pack Size (box)
261	2"x1 1/2"	50
262	2"x2"	50
263	3"x2"	50
264	3"x3"	50

Reducer Pipe Male Thread (Blue)



Code Number	Size (inch x inch)	Pack Size (bag)
290BL	1/2"	100
291BL	3/4"	100
292BL	1"x3/4"	100
293BL	1"	100
294BL	1 1/2"x1"	50
295BL	1 1/2"	50
296BL	2"x1 1/2"	50
297BL	2"	50

Reducer Connector



Code Number	Size (inch x inch)	Pack Size (box)
270-00	3/4"x1/2"	100
270-01	3/4"x3/4"	100
270-02	1"x1/2"	100
270-03	1"x3/4"	100
270-04	1"x1"	100
270-05	1 1/4"x3/4"	50
270-06	1 1/4"x1"	50
270-07	1 1/4"x1 1/4"	50
270-08	1 1/2"x1"	50
270-09	1 1/2"x1 1/4"	50
270-10	1 1/2"x1 1/2"	50
270-11	2"x1"	50
270-12	2"x1 1/4"	50
270-13	2"x1 1/2"	50
270-14	2"x2"	50
270-15	3"x1 1/2"	50
270-16	3"x2"	50
270-17	3"x3"	50
270-18	4"x2"	50
270-19	4"x3"	50
270-20	4"x4"	50

Reducer Pipe Male Thread (Black)



Code Number	Size (inch x inch)	Pack Size (box)
290	1/2"	100
291	3/4"	100
292	1"x3/4"	100
293	1"	100
294	1 1/2"x1"	50
295	1 1/2"	50
296	2"x1 1/2"	50
297	2"	50
298	3"x2"	20
299	3"	20

Pump Connector PVC Male/Female Thread



Code Number	Size (inch x inch)	Pack Size (box)
441	1"	1
441-R	1x3/4"	1
442	1 1/2"	1
442-R	1 1/2x1"	1
443	2"	1
443-R	2x1 1/2"	1

Eng Plug Male Thread+Gasket



Code Number	Size (inch)	Pack Size (box)
440-C	3/4"(Honda Pump)	100
441-C	1"	100
442-C	1 1/2"	100
443-C	2"	50

Plastic Impeller for Mini Submersible Pump



Code Number	Size (inch)	Diameter (cm)	Core Type	Hole Size (mm)	Key Way	Pack Size (box)
400	1"	7.5	plastic	7	no	1

Plastic Impeller for Mini Submersible Pump



Code Number	Size (inch)	Diameter (cm)	Core Type	Hole Size (mm)	Key Way	Pack Size (box)
402	1 1/2"	8.5	plastic	10	yes	1
403	2"	10	plastic	15	yes	1



421





422

Plastic Impeller for Centrifugal Pump 1" 1Hp (Brass Core)


Code Number	Size (inch)	Diameter (cm)	Core Type	Hole Size (mm)	Key Way	Pack Size (box)
421	1"x1"	16	brass	7.0	no	1
422	1 1/2"	12	brass	10.5	yes	1




Plastic Impeller for Centifugal Pump

	Code Number	Size (inch x mm)	Diameter (cm)	Core Type	Hole Size (mm)	Key Way	Pack Size (box)
 plastic core	411	1"x10	13	plastic	10	yes	1
	412	1"x11	13	plastic	11	yes	1
	413	1"x12	13	plastic	12	yes	1
	414	1"x10-11	13	plastic	10-11	no	1
	415	1"x7-13	13	plastic	7-13	no	1
 brass core	416	1"x10	13	brass	10	yes	1
	417	1"x11	13	brass	11	yes	1
	418	1"x12	13	brass	12	yes	1
	419	1"x10-11	13	brass	10-11	no	1
	420	1"x7-13	13	brass	7-13	no	1


Impeller Deep Well Pump Korea Design

	Code Number	Diameter (cm)	Core Type	Hole Size (cm)	Key Way	Pack Size (box)
	423-1	12.5	plastic	1.5	no	1


Cover Deep Well Pump Korea Design

	Code Number	Diameter (cm)	Core Type	Hole Size (mm)	Key Way	Pack Size (box)
	423-2	16.5	plastic	35	no	1

Impeller Deep Well Pump Italy Design

	Code Number	Diameter (cm)	Core Type	Hole Size (mm)	Key Way	Pack Size (box)
	424-1	13	brass	7-13	no	1

Cover Deep Well Pump Italy Design

	Code Number	Diameter (cm)	Core Type	Hole Size (mm)	Key Way	pack Size (box)
	424-2	16.5	plastic	30	no	1

Fan Blades for Motors



Code Number	Size (HP)	Diameter (cm)	Core Type	Hole Size (mm)	Key Way	Pack Size (box)
431	0.5	11	plastic	12	no	1
432	1	13.5	plastic	16	no	1
433	2	14.2	plastic	25	no	1
434	3	14.5	plastic	20	no	1
435	5-10	16.0	plastic	30	no	1

Fan Blades for Motors



Code Number	Size (HP)	Diameter (cm)	Core Type	Hole Size (cm)	Key Way	Pack Size (box)
438	2	17	plastic	1.9	yes	1
439	3	18	plastic	1.9	yes	1
440	5	21	plastic	2.9	yes	1

Fan Blades 3ph.



Code Number	Size (HP)	Diameter (cm)	Core Type	Hole Size (mm)	Key Way	Pack Size (bag)
445-B5	5-10	20.5	plastic	22	yes	1
445-B6	3	16.5	plastic	18	yes	1
445-B7	2	14	plastic	16	yes	1
445-B8	1	15.5	plastic	14	yes	1
445-B9	0.5	11.5	plastic	11	yes	1

Fan Blades ARENO 0.5 - 2 Hp



Code Number	Size (HP)	Diameter (cm)	Core Type	Hole Size (mm)	Key Way	Pack Size (bag)
432-RN	0.5-2	14	plastic	12	no	1

Control Box Cover



Code Number	Size (HP)	Pack Size (box)
481	0.5	1
481-5	1-1.5	1
482	2	1

Terminal Cover 3ph/380V



Code Number	Size (HP)	Pack Size (bag)
484-1	0.5	1
484-2	2	1



Terminal Cover 3ph.



Code Number	Size (inch)	Pack Size (bag)
488-2	2	1

Automatic Tank Switch



Code Number	Size (inch)	Pack Size (box)
612-200	1/4"	1
613-100	3/8"	1
614-200	3/8"	1

Automatic Switch



Code Number	Size (inch)	Pack Size (box)
604	1"	1

Automatic Switch



Code Number	Size (inch)	Pack Size (box)
603	1"	1

Valve Rubber



Code Number	Type	Size (inch)	Pack Size (bag)
701	1200	1"	100
702	1500	1"	100
703	3000	1 1/2"	100
704	6000	2"	100

Stainless Steel Tongue



Code Number	Size (inch)	Pack Size (bag)
721	1"	100
722	1 1/2"	100
723	2"	100

Brass and Stainless Springs for Valve



Code Number	Type	Size (inch)	Pack Size (bag)
711	brass	1"	100
712	brass	1 1/2"	100
713	brass	2"	100
711-S	stainless	1"	100
712-S	stainless	1 1/2"	100
713-S	stainless	2"	100

Pump Parts Set



Code Number	Size (inch)	Pack Size (bag)
793	1"	100
794	1 1/2"	50
795	2"	50

Drive Coupling Rubber



Code Number	use with model	Pack Size (box)
911	KR-80	1
912	KR-95	1
913	KR-115	1
914	KR-135	1
915	KR-160	1
916	KR-180	1
917	KR-200	1

Steel Drive Coupling (Chaiyo)



Code Number	Size (HP)	use with model	Diameter (mm)	Pack Size (box)
901	1-3	KR-80	80	1
902	5-7	KR-95	95	1
903	10-15	KR-115	115	1
904	15-30	KR-135	135	1
905	20-40	KR-160	160	1
906	40-60	KR-180	180	1
907	50-80	KR-200	200	1

Rubber Drive Coupling



Code Number	Length (inch)	Diameter (-)	Amount (latch)	Pack Size (box)
930	4"	-	3	1
931	5"	-	6	1
932	6"	-	6	1
933	7"	-	8	1
934	8"	-	10	1
935	10"	-	12	1





TIPS

Water Pump Maintenance

Maintenance Schedule

Pumping water up, but it has symptoms	Possibility Causes	Solutions
Motor won't stop running or cycles rapidly	Pressure Control Switch won't work.	Repair or Replace
Faucet is closed, but pump runs	1. Suction pipe or transmission pipe leakage	1. Repair
	2. Water leakage from waterproofing parts	2. Replace
	3. Closure of the Check Valve won't closed firmly	3. Clean the Check Valve
Pump runs too often	1. Pressure Control Switch won't work	1. Check for the Pressure Control Switch and Replace
	2. Air in the tank has no enough (If use Cylinder Water Pump)	2. Drain all of the water out of the water tank and clean the contact of Pressure Control Switch (If use Cylinder Water Pump)
	3. Wind in the tank has no enough	3. To put air 20 pounds into the tank or use Tire Inflator
	4. Volume of water usage are much and frequently	4. Turn off the faucet tightly
Water flow is slow	1. Transmission pipes are blocked or partially blocked somewhere	1. Repair or Replace
	2. Little or no water in the suction hose	2. Check for the Suction Hoses whether has a piece of garbage inside or not

Maintenance Schedule

Cannot Pumping water up, but it has symptoms	Possibility Causes	Solutions
Motor won't run	1. Plug is not tight	1. Make plug tightly
	2. Main switch shutting off and fuse is broken	2. Check main switch or replace of use
	3. Motor coil or pressure switch is broken	3. Repair or replace of motor or pressure switch
	4. Electric plug or wire is broken	4. Repair or replace of electric plug or wire
	1. Air goes into the suction hose	1. Check for pipe's connectings and repair
Motor won't run	2. Automatic Air Compressor is broken	2. Replace
	3. Water used for starting to pump water is not enough	3. Turn power off and refill of water for starting to pump water
	4. Suction Hoses are blocked or partially blocked somewhere	4. Check and clean the suction hoses
	5. Water level in water resource is lower than end of Suction Hoses	5. Settle end of Suction Hoses down deep into the water

Maintenance Schedule

Motor works noisy or unusual noise, 2 causes occurred	Possibility Causes	Solutions
Motor overheat	1. Impeller is locked caused by rust or sand	1. Open the head of pump and clean the Impeller
	2. Bearings are broken	2. Replace
Motor's round speed decreases	1. Capacitor is leak or melt	1. Replace
	2. Electricity Voltage is lower that usage coordinates	2. Check for electric current