



Mepcato Machinery Limited

Address: Building 1 - 6, No. 6 Moshi Road, Mulang Village, Duruan Town,
Jiangmen City, Guangdong Province, China (Postcode: 529000)

Tel: +86-750-3287529 Fax: +86-750-3287252 E-mail: info@mepcato.com

www.mepcato.com



*Specialize in water pump, submersible pump,
air pump, condensate pump and tools.*



江門麥加道機電廠有限公司
Mepcato Machinery Limited





Company Profile

Mepcato Machinery Limited was found in 2002 in Jiangmen city, Guangdong province, China. With more than 12 years developing and producing water pumps and tools, we became a famous manufacturer among China and overseas. In the area of water supply and disposal, Mepcato can produce various kinds of reliable pump for you.



Mepcato have our own computer system to manage each part, component and finished goods. The system makes perfect connection of purchase, warehouse, production, sales and account departments.

Except professional pump production lines, Mepcato have a machining department which can control all key dimension effectively.

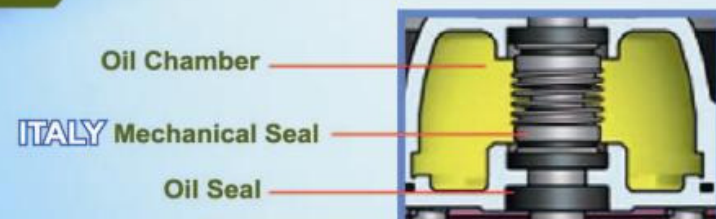
Vertical auto float switch with anti-clogging design. Self-developed circuit board use USA micro dry-reed switch, with working life 100 thousands times.



Supply with cable anti-pulling clip, prevent accidental or excessive force to disconnect the cable from the pump.



Closed externally ventilated motor for 24 hours professional use, inside there is repeatable thermal protector.



All pumps use Italy import mechanical seal, most models have mechanical seal and oil seal in oil chamber like 3 protection for each pump.

MSP Series Stainless Steel Self-Priming Jet Pump



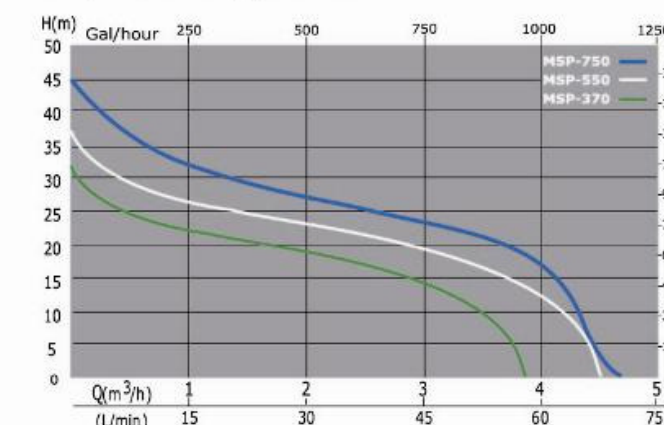
Features

- Self-Priming Pump
- Easy installation, portable and durable
- Dynamically balanced rotating parts to ensure minimum vibration during running
- Mechanical seal: Italy imported mechanical seal
- Autosuction: max 9-9.5 meters

Application

- Pumping and distribution of water in domestic system use on a continuous or intermittent basis.
- Booster system for school, hotel or residential housing
- Water supply and disposal for washing system, garden watering system.
- General water supply, pressurization of water by using pressure vessel, horticultural irrigation, mist irrigation, dairy and farm application.

Discharge Bore	Inch	1
Output	kW	0.37 0.55 0.75
Input	kW	0.58 0.85 0.95
Pumping Fluid	Type of Fluid	Clean free from solids or abrasive substances and non aggressive
	Fluid Temperature	0 to 60°C
Pump	Impeller	Stainless Steel Open Type
	Shaft Seal	Italy Mechanical Seal Silicon Carbide
	Casing	Stainless Steel
	Bearing	Deep Groove Ball Bearings
Motor	Type, Pole	Induction Motor, 2-pole
	Insulation	Class B
	Phase/Voltage	Single or three phase/ 110V, 220V~240V, 380V
	Starting Method	Capacitor Run
	Protection Device (Build-in)	Repeatable Thermal Protector
	Frame	Aluminium Alloy Die-casing
	Shaft	Stainless Steel
	Cable	2m PVC or Rubber



Model	Power HP	Power kW	Voltage/ Frequency V/Hz	Max Capacity L/min	Max Head m	Max Suction m	DNA/ DNM Inch	Length cm	Width cm	Height cm	Weight kg
MSP-370	0.5	0.37	230V/50Hz	63	32	9.4	1	34.5	18.5	21.5	9
MSP-550	0.8	0.55	230V/50Hz	75	37	9	1	35.5	18.5	21.5	9.5
MSP-750	1	0.75	230V/50Hz	80	45	9.5	1	35.5	18.5	21.5	10

Other voltage and frequency available upon request

HOME-9/HOME-9A
HOME-11/HOME-11A Submersible Pump



HOME-9



HOME-9A



HOME-11



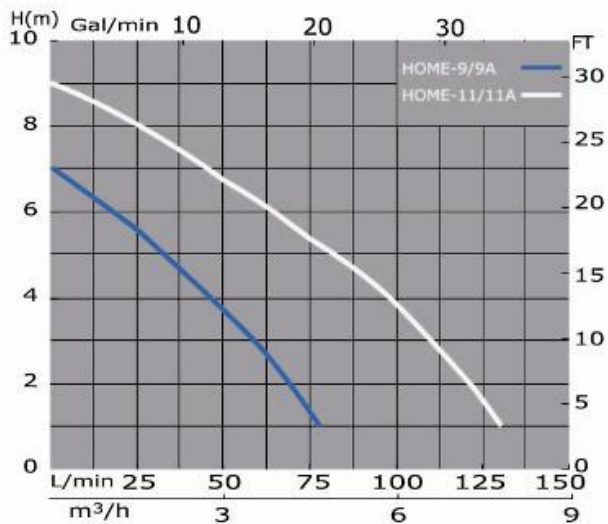
HOME-11A

Feature

- The application of special weather-proof pp mix fiberglass resin for housing ensures long lasting durability and glossy color, exhibits excellent durability under sunlight and prevents from corrosion.
- Adopt professional control switch utilizing silicon controlled rectifier (SCR).
- Adopt Italy imported mechanical seal and oil seal to make double waterproof protection.
- Large carrying handle gets your hold easily.
- In additional, 15mm, 20mm and 25mm (1/2inch, 3/4inch and 1inch) total 3 couplings and hose clamps are accompanied with the pump as standard accessories, which will help to accept different kinds of water hose standing.
- Vertical switch for model HOME-9A and HOME-11A.

Application

- Suitable for clean water and salt water
- Household use as watering in the garden landscape, washing car, draining water from basement, maintenance of ponds and pools, cleaning boats and marine equipment.
- Water supply and disposal, water circulation and water change for crop farming, forestry and fishery use.
- Flooding in the basement, laundry room, office building toilet water basin tank drainage, other drain water or transfer water, etc



Gardening and landscaping



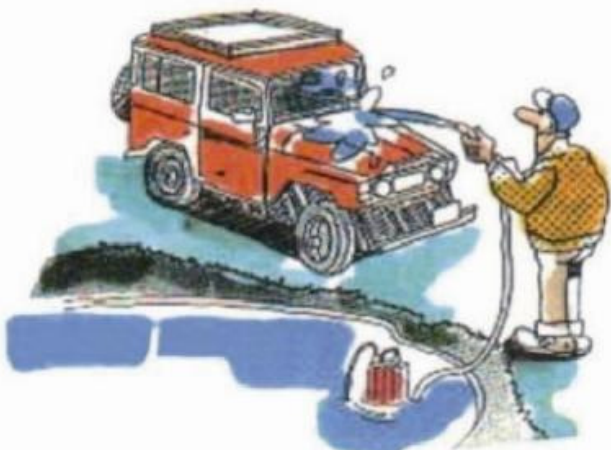
Draining water from basement and maintenance of ponds and pools



Cleaning boats and marine equipment.



Watering in the garden and washing car.



Model	Output Power		Caliber	Phase	Polarity	Voltage/ Frequency	Max Capacity	Max Head	Length	Width	Height	Weight
	HP	Watt	Inch	φ	P	V/Hz	L/min	m	cm	cm	cm	kg
HOME-9	0.12	90	1/2; 3/4; 1	1	2	230V/50Hz	78	7	16	16	28	5.9
HOME-9A	0.12	90	1/2; 3/4; 1	1	2	230V/50Hz	78	7	16	20	28	6.1
HOME-11	0.16	120	1/2; 3/4; 1	1	2	230V/50Hz	130	9	16	16	28	6.1
HOME-11A	0.16	120	1/2; 3/4; 1	1	2	230V/50Hz	130	9	16	20	28	6.3

Other voltage and frequency available upon request

Discharge Bore	mm	15	20	25
	Inch	1/2	3/4	1
Output	kW	0.09	0.12	
Input	kW	0.18	0.23	
Pumping Fluid	Type of Fluid	Clean Water and Sea Water		
	Fluid Temperature	0 to 60℃		
Pump	Impeller	Semi-vortex, Nylon and Fiberglass		
	Shaft Seal	Italy Mechanical Seal+Oil Seal, Silicon Carbide		
	Casing	PP and Fiberglass		
	Bearing	Deep Groove Ball Bearings		
Motor	Type, Pole	Dry Type Submersible Induction Motor, 2-pole		
	Insulation	Class B		
	Phase/ Voltage	Single or three phase/ 110V,220V~240V,380V		
	Starting Method	Capacitor Run		
	Protection Device (Build-in)	Repeatable Thermal Protector		
	Lubricant	Turbine Oil VG32		
	Frame	Cast Iron		
	Shaft	Stainless Steel		
	Cable	3.5m PVC or Rubber		

HOME-10 Low Level Submersible Pump

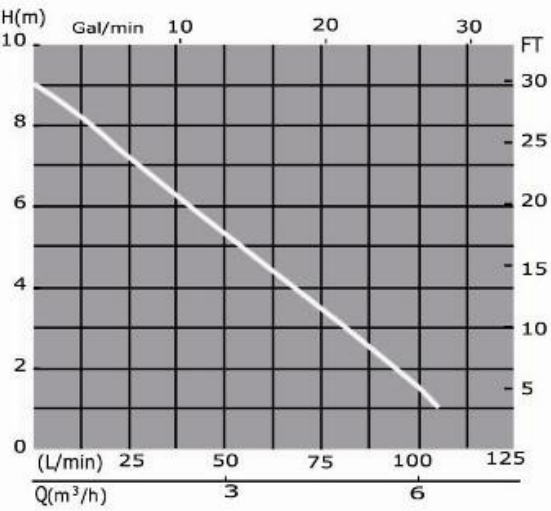


Features

- Suck water level down to 1 mm
- The application of special weather-proof pp and fiberglass resin for housing ensures long lasting durability and glossy color.
- Adopt Italy original mechanical seal and oil seal to make double waterproof protection
- Built-in motor thermal overload protector
- Large carrying handle gets your hold easily
- In additional, 15mm, 20mm and 25mm (1/2inch, 3/4inch and 1inch) total 3 couplings and hose clamps are accompanied with the pump as standard accessories, which will help to accept different kinds of water hose standing.

Application

- For domestic emergencies where a small area must be drained to the lowest level possible.
- Ideal for complete drainage of flat surfaces, rooftops, parking lots, garages, roadways, pools.
- Household use as watering in the garden, draining water from basement, maintenance of ponds and pools, cleaning boats and marine equipment.
- Water supply and disposal, water circulation and water change for different purpose.



Model	Output Power		Caliber	Phase	Voltage/Frequency	Max Capacity	Max Head	Length	Width	Height	Weight	Min Submerged depth
	HP	kW										
HOME-10	0.16	0.12	1/2; 3/4; 1	1	230V/50Hz	105	9	16	16	28	5.8	1

Other voltage and frequency available upon request

HOME-12A Submersible Pump



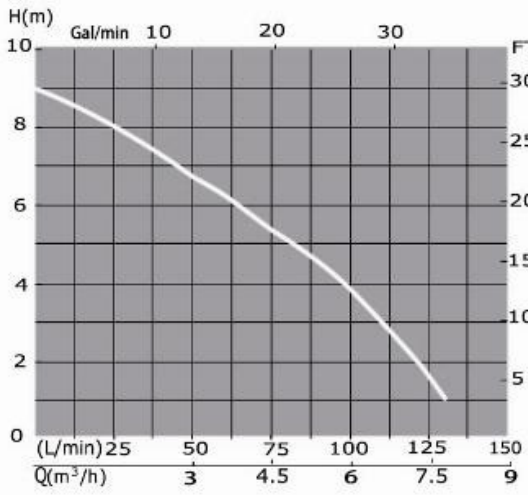
Features

- Portable, Powerful and High-performance
- Automatic pump does not use sphericity but external floater; it can assemble even though in the confined space
- Adopt pp and fiberglass resin plastic housing and stainless steel crankshaft
- Adopt Italy imported mechanical seal and oil seal to make double waterproof protection
- In additional, 15mm, 20mm and 25mm (1/2inch, 3/4inch and 1inch) total 3 couplings and hose clamps are accompanied with the pump as standard accessories, which will help to accept different kinds of water hose standing.

Application

- Suitable for clean water and salt water
- Household use as kitchen water disposal, watering in the garden, washing car, draining water from basement, maintenance of ponds and pools, cleaning boats and marine equipment.
- Water supply and disposal, water circulation and water change for crop farming, forestry and fishery use.
- Equipment use for aquarium, landscape waterfall, water drainage and filtration.

Discharge Bore	mm	15	20	25
	Inch	1/2	3/4	1
Output	kW	0.12		
Input	kW	0.23		
Pumping Fluid	Type of Fluid	Clean Water and Sea Water		
	Fluid Temperature	0 to 60°C		
Pump	Impeller	Semi-vortex, Nylon and Fiberglass		
	Shaft Seal	Italy Mechanical Seal+ Oil Seal, Silicon Carbide		
	Casing	PP and Fiberglass		
	Bearing	Deep Groove Ball Bearings		
Motor	Type, Pole	Dry Type Submersible Induction Motor, 2-pole		
	Insulation	Class B		
	Phase/Voltage	Single or three phase/ 110V, 220V~240V, 380V		
	Starting Method	Capacitor Run		
	Protection Device (Build-in)	Repeatable Thermal Protector		
	Lubricant	Turbine Oil VG32		
	Frame	Cast Iron		
Motor	Shaft	Stainless Steel		
	Cable	3.5m PVC or Rubber		



Model	Power		Caliber	Phase	Polarity	Voltage/Frequency	Max Capacity	Max Head	Length	Width	Height	Weight
	HP	Watt										
HOME-12A	0.16	120	1/2; 3/4; 1	1	2	230V/50Hz	130	9	16	21	28	6.3

Other voltage and frequency available upon request

CSS/DSS/FSS-250
CSSF/DSSF/FSSF-250



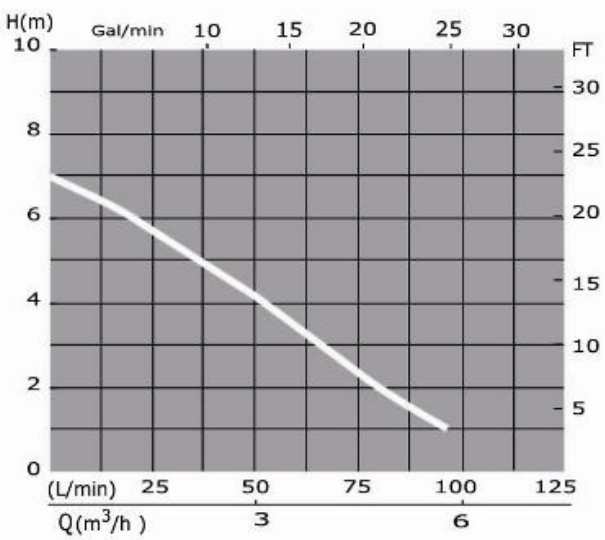
Discharge Bore	38mm/1.5inch	
Output	kW	0.12
Input	kW	0.23
Pumping Fluid	Type of Fluid	Clean Water and Sea Water
	Fluid Temperature	0 to 60°C
Pump	Impeller	Semi-vortex, PC Plastic or Stainless Steel
	Shaft Seal	Italy Mechanical Seal + Oil Seal, Silicon Carbide,
	Casing	Stainless Steel
	Bearing	Deep Groove Ball bearings
Motor	Type, Pole	Dry Type Submersible Induction Motor, 2-Pole
	Insulation	Class B
	Phase/ Voltage	Single or three phase/ 110V,220V-240V, 380V
	Starting Method	Capacitor Run
	Protection Device (Build-in)	Repeatable Thermal Protector
	Lubricant	Turbine Oil VG32
	Frame	Stainless Steel
	Shaft	Stainless Steel
	Cable	3.5m PVC or Rubber

Features

- Light and compact design
- All stainless steel pump body
- Adopt Italy imported mechanical seal and oil seal to make double waterproof protection
- Ideal for pits in confined spaces where floats do not work
- Vertical switch for models-CSSF, DSSF and FSSF

Application

- Suitable for clean water and salt water
- Water supply and disposal, water circulation and water change for crop farming, forestry and fishery use.
- To drain the accumulated water for basement of residence.
- To drain accumulated water for civil and architecture engineering.



Model	Output Power		Caliber	Phase	Polarty	Voltage/ Frequency	Max Capacity	Max Head	Length	Width	Height	Weight
	HP	kW	Inch	φ	P	V/Hz	L/min	m	cm	cm	cm	kg
CSS-250	1/8	0.12	1.5	1	2	230V/50Hz	95	7	15	15	25.5	4.9
CSSF-250	1/8	0.12	1.5	1	2	230V/50Hz	95	7	20.5	15	26	5.3
DSS-250	1/8	0.12	1.5	1	2	230V/50Hz	95	7	15	15	25.5	4.9
DSSF-250	1/8	0.12	1.5	1	2	230V/50Hz	95	7	20.5	15	26	5.3
FSS-250	1/8	0.12	1.5	1	2	230V/50Hz	95	7	15	15	25.5	4.7
FSSF-250	1/8	0.12	1.5	1	2	230V/50Hz	95	7	20.5	15	26	5.1
FSS-250D	1/8	0.12	1.5	1	2	230V/50Hz	95	7	15	15	25.5	4.7
FSSF-250D	1/8	0.12	1.5	1	2	230V/50Hz	95	7	20.5	15	26	5.1

Stainless Steel Self-Priming Centrifugal Pump Series



FSS series stainless steel motor



CSS DSS series cast-iron motor

50PS Submersible Pump Series



Features

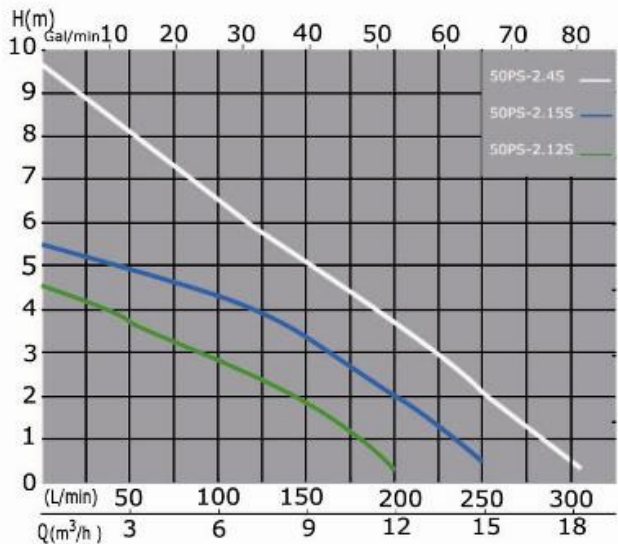
- Portable, Powerful and High-performance
- Autosuction pump with cylindrical floater, easy to install in the confined spaces
- Italy imported double-faced mechanical seal to ensure the pump seal performance
- SUS-304 stainless steel for motor housing, motor shaft and screws
- Vertical switch for 50PSF models

Application

- Suitable for clean water, salt water, factory sewage
- Water supply and disposal, water circulation and water change for crop farming, forestry and fishery use.
- Equipment use for garden, aquarium, landscape waterfall, water drainage and filtration



Discharge Bore	50mm/2inch			
	Output	0.12	0.15	0.4
Input	kW	0.22	0.28	0.59
	kW	0.22	0.28	0.59
Pumping Fluid	Type of Fluid	Clean Water and Sea Water		
	Fluid Temperature	0 to 60 °C		
Pump	Impeller	Semi-vortex,Nylon+Glass Fiber		
	Shaft Seal	Italy Double Face Mechanical Seals, Silicon Carbide		
	Casing	Stainless Steel		
	Bearing	Deep Groove Ball Bearings		
Motor	Type, Pole	Dry Type Submersible Induction Motor, 2-pole		
	Insulation	Class B		
	Phase/Voltage	Single or three phase/ 110V,220V~240V,380V		
	Starting Method	Capacitor Run		
	Protection Device (Build-in)	Repeatable Thermal Protector		
	Lubricant	Turbine Oil VG32		
	Shaft	Stainless Steel		
	Cable	3.5m PVC or Rubber		



Model	Output Power		Caliber	Voltage/ Frequency	Max Capacity	Max Head	Length	Width	Height	Weight	Max Solid
	HP	Watt									
50PS-2.12S	0.16	120	2	230V/50Hz	200	4.5	25	15	38	6.6	2.5
50PSF-2.12S	0.16	120	2	230V/50Hz	200	4.5	25	18	38	6.8	2.5
50PS-2.15S	0.2	150	2	230V/50Hz	250	5.5	25	15	38	7.1	2.5
50PSF-2.15S	0.2	150	2	230V/50Hz	250	5.5	25	18	38	7.3	2.5
50PS-2.4S	0.54	400	2	230V/50Hz	310	9.6	25	15	40	8.5	2.5
50PSF-2.4S	0.54	400	2	230V/50Hz	310	9.6	25	18	40	8.7	2.5

Other voltage and frequency available upon request

MP Submersible Axial Flow Pump Series

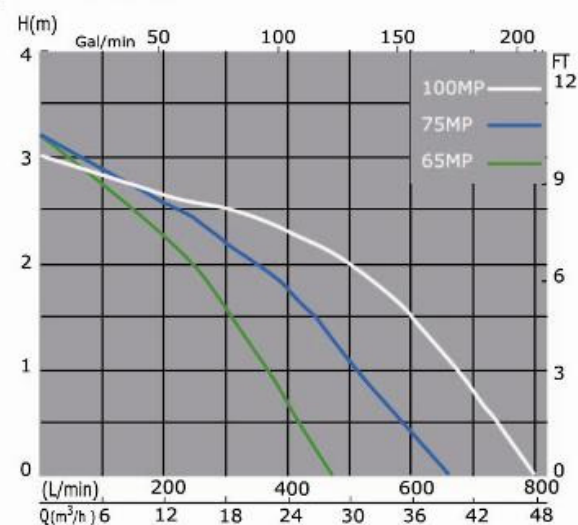


Features

- Axial flow impeller makes a low head and large water flow capacity performance
- Italy imported mechanical seal to ensure the pump seal performance
- Cable wires are upgraded by filling Epoxy to raise humidity-resistance
- Simple structure stainless steel pump housing and compact cylindrical design can help save more space

Application

- Suitable for clean water, salt water, agricultural water
- Water circulation for oxygen replenishing and water supply and drainage in fishponds
- Alteration and large water pipe water emissions, construction use for large water disposal.
- The bypass pipe conveying water
- Drainage of large water volumes with improvement work for irrigation ditches etc



Discharge Bore	mm	65	75	100
	inch	2.5	3	4
Motor Output	kW	0.15	0.25	0.4
Motor Input	kW	0.26	0.45	0.75
Pumping Fluid	Type of Fluid	Clean Water and Sea Water		
	Fluid Temperature	0 to 60°C		
Pump	Impeller	Axial Flow Type, Cast Iron		
	Shaft Seal	Italy Double Face Mechanical Seal Silicon Carbide		
	Casing	Stainless Steel		
	Bearing	Deep Groove Ball Bearings		
Motor	Type, Pole	Dry Type Submersible Induction Motor, 2-pole		
	Insulation	Class B		
	Phase/Voltage	Single or three phase/ 110V,220V~240V,380V		
	Starting Method	Capacitor Run		
	Protection Device (Build-in)	Repeatable Thermal Protector		
	Lubricant	Turbine Oil VG32		
	Frame	Aluminium Alloy Die-casting		
	Shaft	Stainless Steel		
	Cable	5m PVC or Rubber		

Model	Discharge Bore mm	Output Power kW	Voltage/Frequency V/Hz	Max Head m	Max Capacity m³/min	Weight kg	Length of Cable m	Dimension mm D H	C.W.I mm W1
65MP-2.15S	65	0.15	230V/50Hz	3.2	0.47	14.4	5	65 195 406	160
75MP-2.25S	75	0.25	230V/50Hz	3.2	0.66	14.5	5	75 195 406	160
100MP-2.4S	100	0.4	230V/50Hz	3	0.8	25.25	5	100 250 483	180

Other voltage and frequency available upon request

CS-2.4SA/ CCS-2.75SA Industrial Site Drainage Submersible Pump



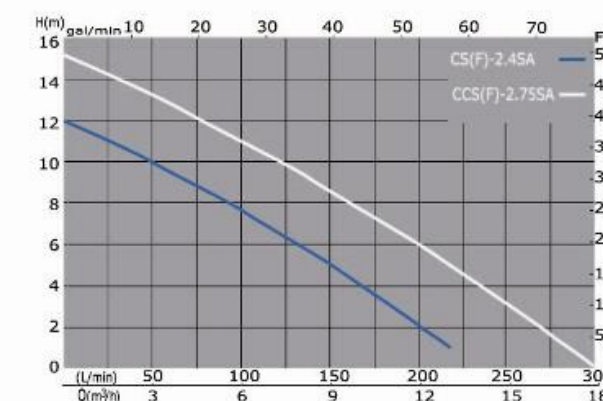
Features

- Solid stainless steel body and cast iron pump casing
- An impact resistant PVC strainer base for durability during robust handling
- The vortex impeller offers excellent wear resistance in site applications where water contains sand and silt in suspension
- Adopt Italy imported mechanical seal in oil chamber to ensure the pump seal performance
- Special stirring device help to reduce blockages
- Cable wires are upgraded by filling epoxy to raise humidity-resistance
- Optional float switch for model CSF-2.4SA

Application

- Suitable for clean water, salt water and industrial water
- A ideal small and robust submersible contractor's pump for a wide range of applications where-ever water has to be moved.

Discharge Bore	50mm/ 2inch
Motor Output	kW 0.4 0.75
Motor Input	kW 0.62 1
Pumping Fluid	Type of Fluid Clean Water, Sewage Water, Sand Carrying Water
	Fluid Temperature 0 to 60°C
Pump	Impeller Semi-Vortex Nylon and Fiberglass with stirring device
	Shaft Seal Italy Double Face Mechanical Seal, Silicon Carbide
	Casing Stainless Steel
	Bearing Deep Groove Ball Bearings
Motor	Type, Pole Dry Type Submersible Induction Motor, 2-pole
	Insulation Class B
	Phase/Voltage Single or Three Phase/ 110V,220V~240V,380V
	Starting Method Capacitor Run
	Protection Device (Build-in) Repeatable Thermal Protector
	Lubricant Turbine Oil VG32
	Shaft Stainless Steel
	Cable 5m PVC or Rubber



Model	Output Power Hp Kw	Caliber Inch	Voltage/Frequency V/Hz	Phase φ	Polarity P	Max Capacity L/min	Max Head m	Length cm	Width cm	Height cm	Weight kg	Max Solids mm
CS(F)-2.4SA	0.53 0.4	2	230V/50Hz	1	2	217	12	25	20.5	40	11.7	7
CCS(F)-2.75SA	1 0.75	2	230V/50Hz	1	2	300	16	25	20.5	41.5	13.8	7

Other voltage and frequency available upon request

RS-2.4SA Sewage Water Submersible Pump

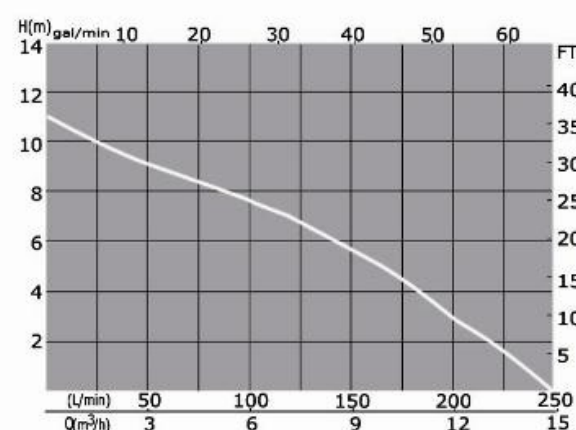


Features

- Dependable motor raises stability and efficiency of motor
- Pump housing, motor frame, shaft, screws are made of stainless steel to make long service life and attractive appearance
- The tungsten alloy impeller with cutter knife offers excellent wear resistance in applications where water contains sand and silt in suspension
- Adopt Italy import double face mechanical seal to ensure pump seal performance
- Cable wires are upgraded by filling epoxy to raise humidity-resistance
- Superior design to easily disassemble motor and pump housing for maintenance
- Optional float switch for model RSF-2.4SA

Application

- Suitable for clean water, sea water and sewage water
- Drainage of kitchen tank, basement, food market and animal husbandry, commercial building, hotels
- Water treatment of waste water plant, drainage of water refining tank and drainage of various industrial waste water, etc.



Model	Output Power		Caliber	Voltage/Frequency	Phase	Polarity	Max Capacity	Max Head	Length	Width	Height	Weight	Max. Solids
	HP	KW											
RS(F)-2.4SA	0.53	0.4	2	230V/50Hz	1	2	250	11	24	19	39	11.7	10

Other voltage and frequency available upon request

MS-2.4SA Sewage Water Submersible Pump

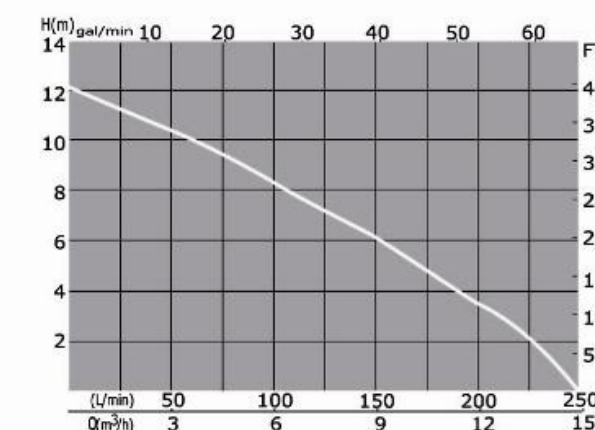


Features

- Large-capacity pump features durable cast iron solid three feet and dependable motor ensure a long, low-maintenance life.
- Pump housing, shaft, screws are made of stainless steel to make long service life and attractive appearance
- Continuous-duty motor with thermal protector, thermal sensors in the stator switch off the pump in the case of overheating
- Adopt ITALY import double face mechanical seal to ensure pump seal performance
- Non-clogging Vortex impeller is designed to special water flow, muddy liquid and other various wastewater can be efficiently drained
- Cable wires are upgraded by filling EPOXY to raise humidity-resistance
- Optional float switch for model MSF-2.4SA

Application

- Suitable for clean water, sea water and sewage water
- Drainage of household wastewater, accumulated water of basement, sewer wastewater.
- Plant and general sewage pumping and sucking
- Water treatment of waste water plant, drainage of water refining tank and drainage of various industrial waste water, etc.



Model	Output Power		Caliber	Voltage/Frequency	Phase	Polarity	Max Capacity	Max Head	Length	Width	Height	Weight	Max. Solids
	HP	KW											
MS(F)-2.4SA	0.53	0.4	2	230V/50Hz	1	2	250	12	24	19	38	11.7	10

Other voltage and frequency available upon request

CS-2.75S Submersible Pump Series

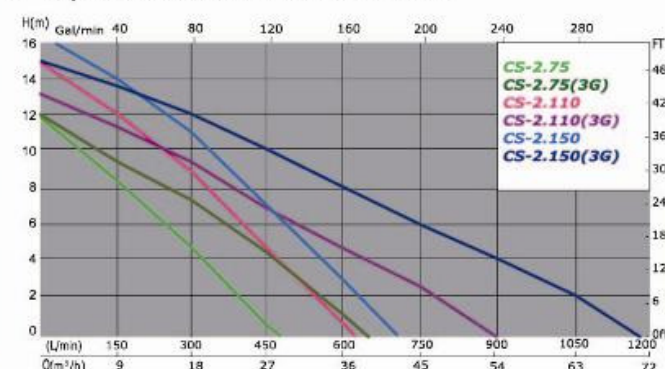


Features

- Special high flow design can achieve the maximum efficiency in sewage and light mud
- Gary cast iron vane wheel with Ordinary Vane Wheel or Vane Wheel (A type) with tungsten alloy cutting knife available for choice
- A type wheel is easy to cut up the impurity like branches, paper, etc. and outflow it with sewage
- Italy imported double-faced mechanical seal to make waterproof protection
- Detachable design between motor and pump is easy for maintenance.
- This model can add the float control switch as optional choice

Application

- Suitable for clean water, sea water and sewage water
- Water supply and disposal for construction site
- Water circulation and water change for crop farming, forestry and fishery use.
- The extraction of water accumulation for basement, food factory waste water and industrial waste water.
- Equipment use for aquarium, landscape waterfall, water drainage and filtration
- Optional float switch for CSF models



Model	Output Power		Caliber	Phase	Polarity	Voltage/ Frequency	Max Capacity	Max Head	Length	Width	Height	Weight	Max Solid
	HP	kW	Inch	φ	P	V/Hz	L/min	m	cm	cm	cm	kg	mm
CS-2.75S	1	0.75	2	1	2	230V/50Hz	460	12	27.5	22	47	21.3	15
CS-2.75S/3G	1	0.75	3	1	2	230V/50Hz	650	12	32	22	47	21.3	15
CS-2.110S	1.5	1.1	2	1	2	230V/50Hz	620	15	27.5	22	49	24	15
CS-2.110S/3G	1.5	1.1	3	1	2	230V/50Hz	900	13	32	22	49	25	15
CS-2.150S	2	1.5	2	1	2	230V/50Hz	700	17	27.5	22	52	25	15
CS-2.150S/3G	2	1.5	3	1	2	230V/50Hz	1170	15	32	22	52	26.1	15

Other voltage and frequency available upon request

MCP-35 Cooling Pump



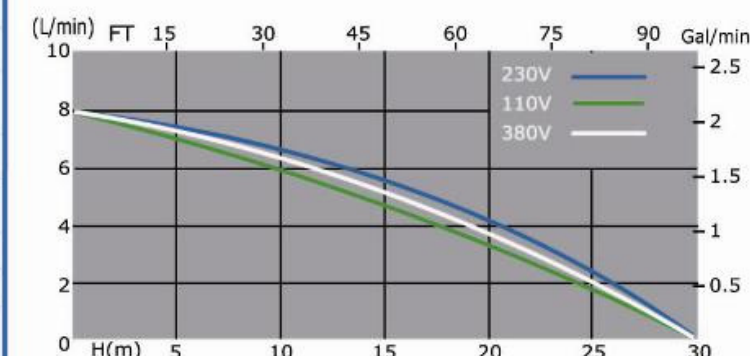
Features

- Small dimension
- Pump body: stainless steel
- Impeller: brass
- Mechanical seal: Italy imported mechanical seal
- Auto suction: 8 meters

Application

- Suitable for clean water
- Industrial refrigerant circuits for water such as: welding, semiconductors, cooling of motor units
- Suitable for apparatus and machines to cooling of temperature
- Good for water treatment, micro-filtration, increase of pressure

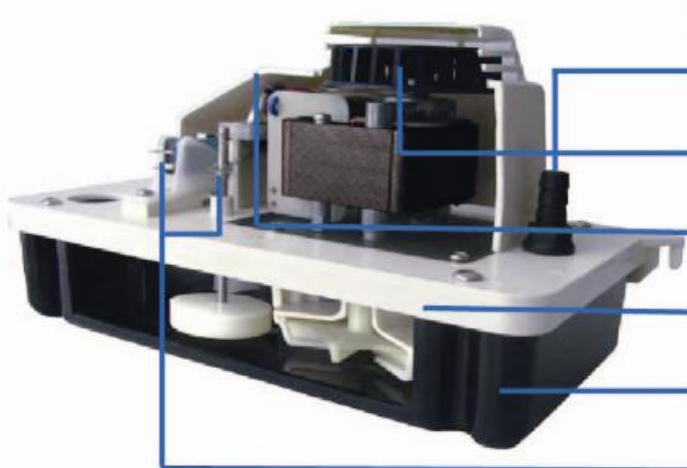
Discharge Bore	12mm
Motor Output	kW
Motor Input	kW
Pumping Fluid	Type of Fluid
	Fluid Temperature
Pump	Impeller
	Shaft Seal
	Casing
	Bearing
Motor	Type, Pole
	Insulation
	Phase/Voltage
	Starting Method
	Protection Device (Build-in)
	Shaft
	Cable



Model	Output Power		Caliber	Voltage/ Frequency	Phase	Polarity	Max Capacity	Max Head	Length	Width	Height	Weight
	HP	kW	inch	V/Hz	φ	P	L/min	m	cm	cm	cm	kg
MCP-35	0.34	0.25	12	230V/50Hz	1	2	8	30	19	16	16	4.3

Other voltage and frequency available upon request

MEC-20 Condensate Pump (110V/220V)



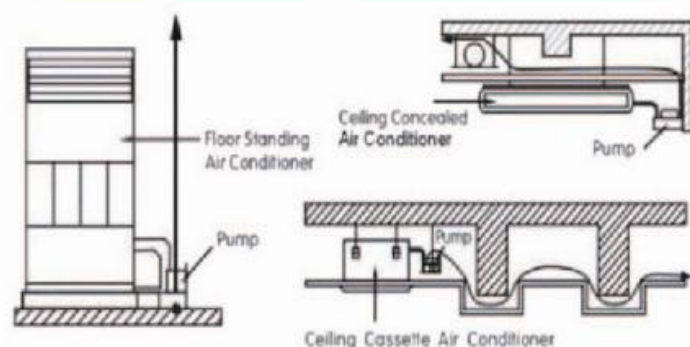
Features

- 10mm Turn Check Valve
Allow servicing without removal of tubing eliminating water spills.
- Special Cooling Design
Improved cooling increases pump life
- Sleek and Stylish Appearance
Performs as good as it looks
- External Test/Run Lever
Quick test/run and easy drainage of the tank for servicing
- Slimmer Footprint And Oil Resistant Tank
240mm x 120mm x 55mm size offers flexibility in tight spaces
- Two High Quality France Switch
One for pump start, another for high water level alarm device

Application

Ideal for collecting, detecting, and automatic removal of condensate from air conditions, dehumidifiers, high efficiency furnaces, condensing boilers, and other equipment where an automatic drain pump is required.

Pumping Fluid	Type of Fluid	Clean water, Condensate Water	
	Fluid Temperature	0 to 60°C	
Pump	Impeller	Semi-Vortex. PA Nylon+ Fibre Glass	
	Casing	ABS plastic	
	Bearing	Double shielded Ball Bearings	
Motor	Type, Pole	Shaded Pole Motor	
	Insulation	Class B	
	Phase/Voltage	Single Phase/ 110V, 220V~230V	
	Micro Switch	Crouzet Motor Switch	Crouzet Alarm Switch
	Protection Device (Build-in)	Repeatable Thermal Protector	
	Shaft	Stainless Steel	
	Cable	2m PVC or Rubber	



Item	Model		MEC-20
Rating	220V 50Hz/60Hz	110V/60Hz	
Max. Pump Head	5.2/6.2m	5m	
Max. Flow Rate	4.2L/min		
Power Consumption	58/55W	58W	
Check Valve	Concealed inside		
Inlet Up	25m/m Inner size		
Outlet	10m/m Inner size		
Size	280x127x143mm		

CARRY 3000 DC Fuel Transfer Pump (12V/24V)



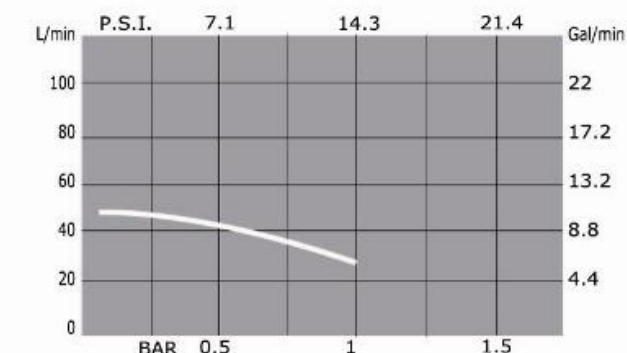
Discharge Bore	3/4"		
Motor Output	Watt	140	160
Motor Input	Watt	240	280
Environment Condition	min. -20°C to max. +60°C		
Pumping Fluid	Type of Fluid	Diesel Fuel	
	Fluid Temperature	min. 0°C + max. 50°C	
Pump	Core	Stainless Steel	
	Seal	Double Lip Oil Seal	
	Casing	Cast Iron with anti-corrosion paint	
Motor	Protection Class	IP55	
	Voltage	12V	24V
	Protection Device (Build-in)	Overload Protector	
	Cable	2m PVC	
Accessories	2pcs 3/4" copper coupling	2pcs s. steel hose clamp	handle and support bracket

Features

- Vane pump with sintered steel rotor and acetal resin vane
- By-pass valve incorporated in the pump body
- Direct current brush motor with permanent magnet stator and stainless steel pump core
- Switch box with fuse carrier, overload protector can prevent motor from burning
- Used in intermittent service with 30-minute work cycles
- Pump attachment support bracket

Application

- As the primary system on earth-moving machinery.
- On mobile fuel pumps on vehicles or in construction yards.
- For small diesel station or oil tank fuel transfer.



Model	Pump			Motor			RPM	Connection (inch)	Fuse on cable	Weight (kg)	Dimension (mm)
	Max Flow Rate (L/Min)	Max Head (m)	Max Suction Head (m)	Tension (V)	Max Current (A)	Duty Cycle (min)					
CARRY3000-12V	40	11	4	12	18	30	2800	3/4	•	4.2	215x120x160
CARRY3000-24V	43	11	4	24	9	30	2800	3/4	•	4.2	215x120x160

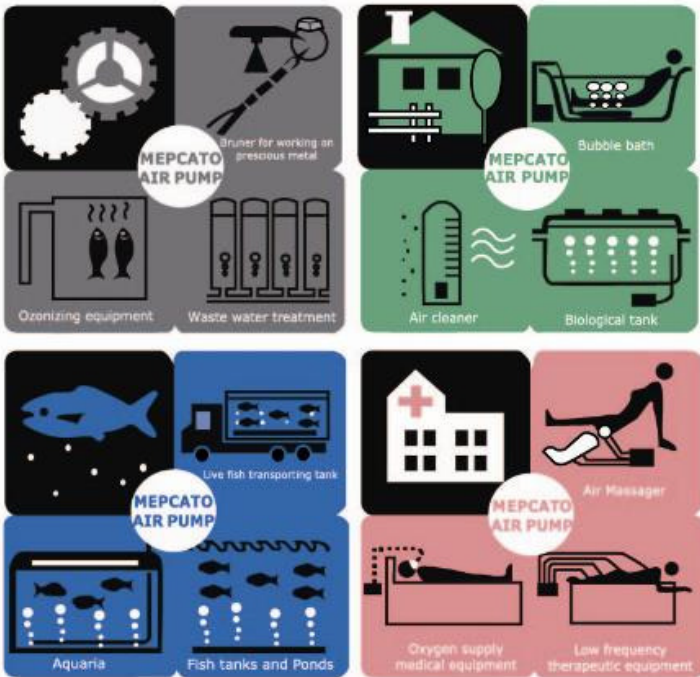
MA Series Air Pump



Feature

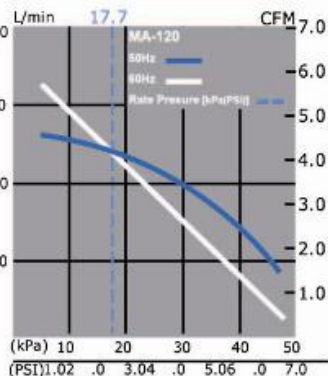
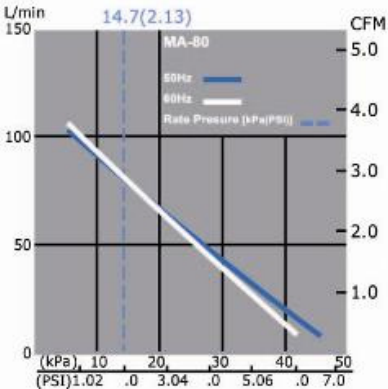
Oxygen is the most important element for life. All life revolves around the availability of Oxygen. MA air pumps can be used to create a huge volume of bubbles rising from the bottom of a pond or lake, creating tremendous surface turbulence, circulation and aeration continuously.

Low power consumption, silent operation, completely oil free, overload protection with auto off/on switch for overheat situations. MA pump requires no lubrication and transfer air without any contamination.



Application

- Aerobic wastewater treatment
- Ozone treatment system
- Laboratory test equipment
- Agriculture and horticultural aeration system, Soil Aeration
- Pond and aquarium aeration
- Fish filtration equipment oxygen supply
- Medical use as circulation therapy equipment, medical nebulizer
- Low frequency therapeutic equipment
- OEM pumping system and anti-icing system
- Liquid agitation and mixing
- Septic tank & sewage biological aeration
- Air injection and Pneumatic beds



Model	MA-80	MA-120
Rated Voltage	V	220-240
Power Supply Frequency	Hz	50
Rated Loading Pressure	kPa	14.7
Airflow Volume	L/min	80
Power Consumption	W	56
Noise Level	dBA	36
Weight	kg	4.3
Dimension	mm	235x140x184

Other voltage and frequency available upon request

Vinflo-06, Vinflo-13, Vinflo-20 VINFLO Series Level Regulator



Material

Body: polypropylene
Cable: Rubber CE

Technical Data

- Liquid temperature: min. 0°C (32 °F)
max. 60°C (140 °F)
- Liquid density: min. 0.95g/cm³
max. 1.10g/cm³
- Degree of protection: IP68
- Micro switch data
Interrupting capacity of USA micro switch:
AC, resistive load, 250V 10A
AC, inductive load, 250V 3A
With ENEC / VDE Certification

The VINFLO is a build-type level regulator for level regulation and control of pumps and valves. It is the simplest possible method for level control!

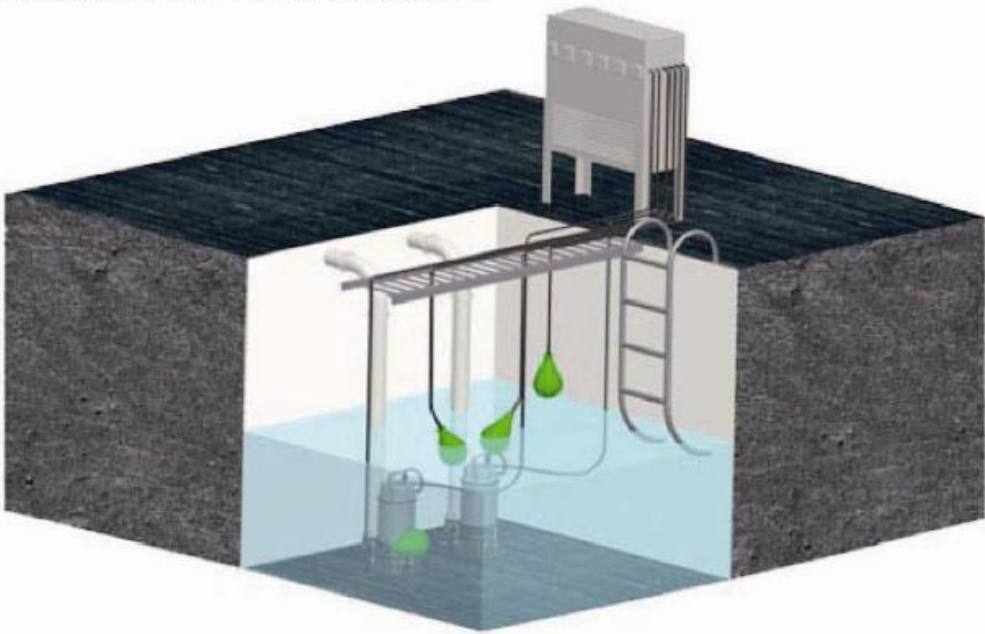
A mechanical switch in a plastic casing, freely suspended at the desired height from its own cable. When the liquid level reaches the regulator, the casing will tilt and the mechanical switch will close or break the circuit, thereby starting or stopping a pump or actuating an alarm device.

No wear, no maintenance! In sewage pumping stations, for ground water and drainage pumping — in fact, for most level control applications — the Vinflo is the ideal solution with CE certificate.

This level regulator is available in different versions, depending upon the medium in which it is to be used. As standard, the regulator can be obtained with 6, 13 or 20 meters (20, 42 or 65 feet) of cable.

Example

Typically four regulators are used in a two pump station.



GN1049 Classic Spray Gun Nozzles



Features

- Light, handy and sturdy design
- Adopt special weather-proof ABS plastic to ensure long lasting durability and glossy color
- Adjustable spray gun complete with standard hose connectors for convenient operation
- Continuously adjustable water flow from hard jet to fine mist
- Ergonomically shaped trigger for easy long time use
- Multi-function for use in home, garden and workshop

Application

- Garden watering and spraying, outdoor cleaning
- Car cleaning, utensil cleaning etc.



Standard Model	Description
GN1049-15	GN1049 + HC915 A Gun Nozzles with one (1/2") standard hose connector.
GN1049-20	GN1049 + HC920 A Gun Nozzles with one (3/4") standard hose connector.
GN1049-1515	GN1049 + HC915 x2pcs + TC901-15 A Gun Nozzles with two (1/2") standard hose connectors and one (1/2") standard tap connector.
GN1049-1520	GN1049 + HC915 x2pcs + TC901-20 A Gun Nozzles with two (1/2") standard hose connectors and one (3/4") standard tap connector.

M-352 Gas Torch/ Fire Gun

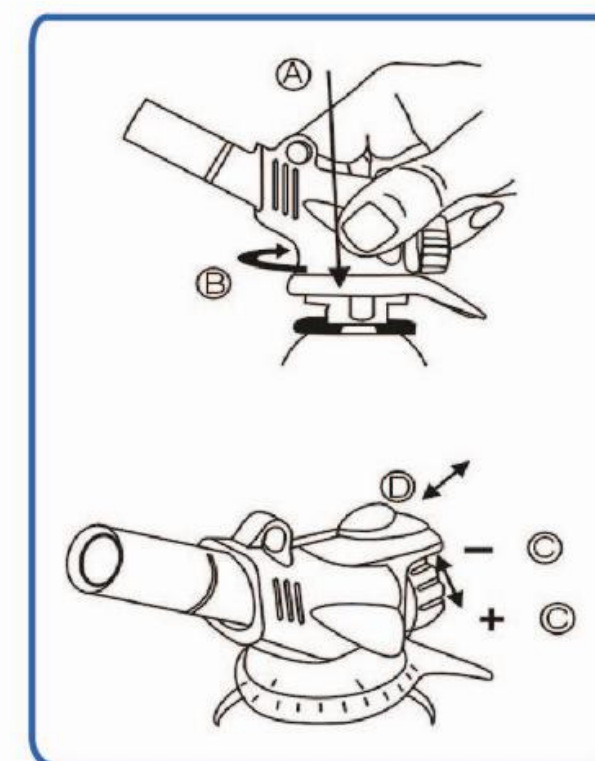


Features

- One-touch automatic piezo-ignition
- Ultralight compact design, easy to carry and use
- Ergonomic design fits easily in the hand
- Special design system can be used safely after 2 minutes preheating at any place
- Multi-function for use in home and workshop
- Fits for cassette connector gas cartridge. (We called cassette stove's gas cartridge)

Application

- Cooking and Catering-Flambeing, caramelizing, browning, adding color and texture to food, listing and skinning, finishing food for presentation and adding drama when serving.
- Lighting BBQ's and fires.
- Thawing frozen water pipes.
- Hobby and craftwork, model making.
- Paint stripping.



INSTRUCTIONS FOR USE

1. Press the head towards the body. (A)
2. Turn the head clockwise until it is tight. (B)
3. Turn the red valve (C) anti-clockwise until you can hear the gas escaping. Press the red button (D) for automatic flame ignition. Repeat this operation until there is ignition.
4. Adjust the gas consumption by turning the red knob (E) clockwise to reduce it and (F) anti-clockwise to increase it.
5. When the gas tank is used inversely, the red knob has to be shut off, and the gas remain in the tank will be finished in 10 seconds.

WARNING

M-352 cassette connector gas cartridge do not put under sunlight. Store below 43°C in a ventilation