

VEVOR

Upgrade · The Home Creator Way

PRESSURE PUMP

MODEL: HY-70601T

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This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.



Warning-To reduce the risk of injury, user must read instructions manual carefully.

	This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:(1)This device may not cause harmful interference, and (2)this device must accept any interference received, including interference that may cause undesired operation.
	This product is subject to the provision of European Directive 2012/19/EC. The symbol showing a wheeled bin crossed through indicates that the product requires separate refuse collection in the European Union. This applies to the product and all accessories marked with this symbol. Products marked as such may not be discarded with normal domestic waste, but must be taken to a collection point for recycling electrical and electronic devices

- The product complies with relevant standards and regulations. Installation of this device must comply with all applicable regulations, and it should only be operated in well-ventilated areas. Please read the user manual before installing and using this equipment.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children shall not play with the appliance. This appliance shall not be used by children. Keep the appliance and its cord out of reach of children.
- Please use the product according to the intended use, warn of potential injury from misuse.
- Switch off the appliance and disconnect from supply before changing accessories or approaching parts that move in use.
always disconnect the appliance from the supply if it is left unattended and before assembling, disassembling or cleaning nature of supply> <power / current of supply>
- To ensure drinking water hygiene, wash hands thoroughly and clean & disinfect relevant parts before installation, maintenance or contact with internal components.
- For first use or restart after long-term storage, flush the system sufficiently to remove foreign matter and odor before putting into service.
- Electrical connection must be done by a qualified electrician with reliable grounding. Do not touch power plug or terminals with wet hands to prevent electric shock.
- Do not run the pump dry without water, which may cause seal damage, overheating and fire risk.
- Install away from heat sources, flames and corrosive gases, avoid direct sunlight and rain to prevent aging, electric leakage and water contamination.
- Pump and motor may become hot during operation. Do not touch to prevent burns.
- Keep children away from the unit to avoid drowning, electric shock and mechanical injury.
- Do not disassemble or modify safety devices or pump structure without authorization, to avoid leakage, malfunction or electric shock.
- Before servicing, moving or cleaning, disconnect power and drain residual water to prevent accidental starting and water spray injury.
- If abnormal noise, vibration, leakage, overheating or odor occurs, stop the pump immediately and troubleshoot before reuse.
- Inlet pipeline must be well sealed to avoid air intake and failure to prime, as well as prevent external contaminants from polluting water source.
- Inspect and maintain the pump and piping regularly to keep clean and prevent bacteria or algae growth that affects drinking water quality.
- This product is only for standard domestic drinking water systems. Not for medical, food processing or other special hygiene applications unless specifically marked suitable.

Installation & Maintenance Manual

12/24V Diaphragm Pump:

For use with agricultural pesticides(Viton only), clean water and other liquids.

This pump is recommended for use in spraying non-flammable liquid such as pesticides(Viton only), water for plans/trees or dust control, ice control chemicals or water-based non-flammable sealants or stains for outdoor wood surfaces. However, we recommend that the pump not be used for other purposes once it has been used for spraying pesticides,Any chemical will leave some residual in the pump, even after the pump has been properly cleaned. These residual chemical can have unexpected effects on future uses.

INSTALLATION

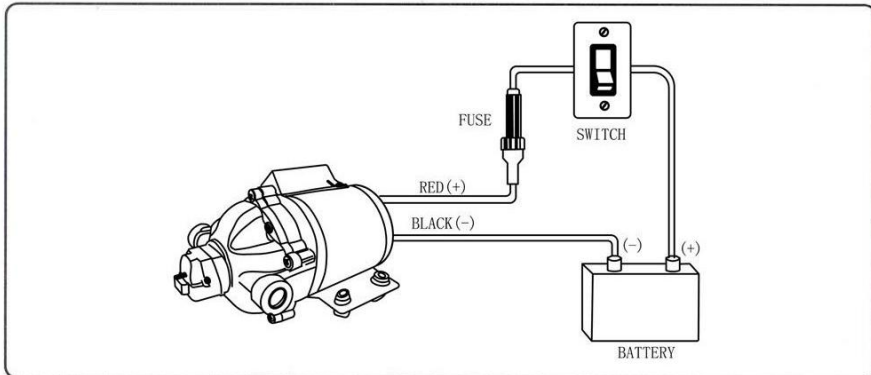
Step One:Mounting

- *The pump should be located in an area that is dry and provides adequate ventilation.
- *The pump is self-priming, it may be mounted in any position.However,if mounting the pump vertically the pump head should be in the down position so that in the unlikely event of a leak,fluid will not enter the motor.
- *Secure the feet with appropriate fasteners. DO NOT Compress the feet,doing so will reduce their ability to isolate vibration/noise.

Step Two: Plumbing

- *Recommend to use 1/2" plastic male fittings to connect flexible high-pressure tubing to the pump.
- *In some cases, the ports may require a suitable thread sealer applied sparingly. DO NOT over-tighten, maximum torque is 45 in/lb [5 N-m].
- *Tubing should be compatible with the spraying fluid. At least 18" [450mm] length is suggested to minimize stress on the fitting/ports and reduce noise. Allow for the shortest possible tubing route and avoid sharp bends that may kink over time.
- *Strainer should be attached to the inlet side to prevent foreign debris from entering the system.
- *If a check valve is installed in the plumbing,it must have a cracking pressure of no more than 2psi(0.14bar).

Step Three: Connect pump to battery or 12V/24V supply



WIRING

STEP 1

Use 12 gauge stranded wire to 20', 10 gauge to 50'from power source.

STEP 2

Use a 20-30A rated (lighted) on-off switch on the (+) positive (red) motor lead.

STEP 3

Install 30 amp fuse protection in the positive switched lead for the HY70601T models,use a 15 amp fuse for the HY70602T

Step Four: Check and test completed assembly.

1. Check assembly	Check assembly to assure the pump is properly assembled and in safe working condition:
2. Test with water	Test the system for leaks with water: a) Fill the tank with water. b) The pump is an "on demand" pump. When turned on, the pump will prime itself, then turn off once reaching pressure. When the flow continues, the pump will automatically re-start. c) Check for leaks throughout the system. If a leak is detected, fix the leak and re-test the system with water.

Demand Operation(intermittent duty)

"Intermittent Duty" is defined as: operated and/or frequently started within a period of time that would cause the motor to reach its maximum thermal limit. Once the maximum thermal limit is obtained the motor must be allowed to return to ambient temperature before resuming operation.



WARNING



CAUTION: DO NOT use to pump flammable liquids. Never operate the pump in an explosive environment. Arcing from the motor brushes, switch or excessive heat from an improperly cycled motor may cause an explosion.

CAUTION: DO NOT assume fluid compatibility. If the fluid is improperly matched to the pumps' elastomer, a leak may occur. Pumps used to transfer hazardous or hot(Max. Temperature 149°F [65°C] Viton only) chemicals must be in a vented area to guard against the possibility of injury due to harmful or explosive liquid/vapors.

TROUBLE SHOOTING

WARNING: BEFORE SERVICING PUMP, CLOSE SEA COCK, TURN OFF POWER AND DRAIN WATER FROM HOSES!!

Failure to Prime -Motor operates, but no pump discharge

- Restricted intake or discharge line
- Air leak in intake line
- Debris in pump
- Punctured pump diaphragm (pump leaks)
- Crack in pump housing

Motor fails to turn on

- Blown fuse
- Pump circuit has no power
- Loose wiring connection
- Defective motor

Pump Fails to Turn off after all fixtures are closed

- Punctured diaphragm
- Discharge line leak
- Defective pressure switch
- Insufficient voltage
- Clogged valves in pump head

Low Flow and Pressure

- Air leak at pump intake
- Accumulation of debris inside pump and plumbing
- Worn pump bearing(excessive noise)
- Punctured pump diaphragm(pump leaks)
- Defective motor

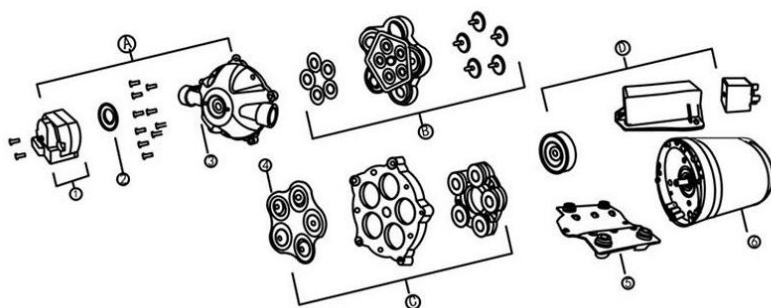
Pulsating Flow

- Restricted pump delivery. Check discharge lines, fittings and valves for clogging or undersizing.

Noisy

- Check if the mounting feet are compressed too tightly
- Is the mounting surface flexible? If so, it may be adding noise
- Check for loose head/screws.
- If the pump is plumbed with rigid pipe, it may transmit noise more easily

REPAIRE KITS



Key	Description	Quantity
A	Pump Head Assembly	1
B	Valve Assembly	1
C	Diaphragm Assembly	1
D	Motor Assembly	1
1	Pressure Switch	1
2	Diaphragm of Pressure Switch	1
3	Pump Head	1
4	Diaphragm	1
5	Iron Base Plate	1
6	Motor	1

ACCESSORIES



STRAINERS

Inlet	Outlet	Screen
1/2" female thread	1/2" male thread	40 Mesh



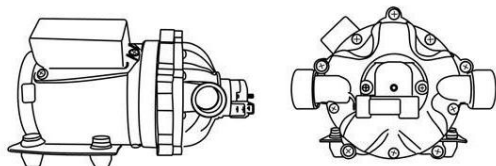
FEATURES

- Self-Priming
- Soft, Noise Absorbing Mounts
- Corrosion Resistant Materials
- with Thermal Overload Protection

SPECIFICATIONS

Motor : Permanent Magnet, Ball Bearings on both Front and Rear Endbells. CE Models are fully suppressed.

Pump : Five chamber positive displacement diaphragm design; Self-priming up to 6 ft. suction lift; Pump able to run dry without damage; Removable port to hose connectors.



TECHNICAL DATA

TYPE	VOLTS(V)	AMP(A)	FLOW RATE (GPM/LPM)	PRESSURE (PSI/BAR)
HY-70601T	12	20A	7.0/26.6	60/4.14
HY-70602T	24	10A	7.0/26.6	60/4.14

Component Material*

Pump Head..... Polypropylene, Viton, Stainless Steel.
 Diaphragm..... Santoprene
 Valves..... Viton / EPDM

* No special requestments, Pumps come with EPDM valves by default.

* Before using any chemical, check to ensure the chemical is compatible with all materials in the system.

The manufacturer reserves the right to make improvement in design and/or changes in specifications at any time without incurring any obligation to install them on units previously sold.



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POMPE À PRESSION P

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Voici les instructions originales. Veuillez lire attentivement toutes les instructions du manuel avant utilisation. VEVOR se réserve le droit d'interpréter ce manuel à sa guise. L'apparence du produit que vous recevrez peut différer. Nous vous prions de nous excuser si nous vous informons des mises à jour techniques ou logicielles concernant notre produit.



Avertissement réduire le risque de blessure, utilisateur doit Lire attentivement le manuel d'instructions.

	Cet appareil est conforme aux Partie 15 de la FCC Règles. Son fonctionnement est soumis aux deux conditions suivantes : (1) Cet appareil ne doit pas causer d'interférences nuisibles, et (2) cet appareil doit accepter toute interférence. ingérence reçu, y compris ingérence que peut cause indésirables opération.
	Ce produit est soumis aux dispositions de la directive européenne 2012/19/CE. Le symbole représentant une poubelle barrée indique que le produit nécessite une collecte sélective des déchets dans l'Union européenne. Ceci s'applique au produit et à tous les accessoires portant ce symbole. tel peut pas être écarté avec normale domestique déchets, mais doit être pris à un collection indiquer pour recyclage électrique et électronique appareils

- Ce produit est conforme aux normes et réglementations en vigueur. Son installation doit respecter toutes les réglementations applicables et son utilisation doit se faire uniquement dans des endroits bien ventilés. Veuillez lire attentivement le manuel d'utilisation avant d'installer et d'utiliser cet équipement.
- Cet appareil n'est pas destiné à être utilisé par des personnes (y compris les enfants) dont les capacités physiques, sensorielles ou mentales sont réduites, ou qui manquent d'expérience et de connaissances, à moins qu'elles ne soient surveillées ou qu'elles n'aient reçu des instructions concernant son utilisation par une personne responsable de leur sécurité. Les enfants ne doivent pas jouer avec cet appareil. Cet appareil ne doit pas être utilisé par des enfants. Gardez l'appareil et son cordon hors de portée des enfants.
- Veuillez utiliser le produit conformément à son usage prévu et prendre connaissance des risques de blessures liés à une mauvaise utilisation.
- Mettez l'appareil hors tension et débranchez-le avant de changer d'accessoires ou d'approcher des pièces mobiles. Débranchez toujours l'appareil s'il est laissé sans surveillance et avant toute opération de montage, de démontage ou de nettoyage.
- Pour garantir l'hygiène de l'eau potable, lavez-vous soigneusement les mains et nettoyez et désinfectez les pièces concernées avant toute installation, maintenance ou contact avec les composants internes.
- Lors de la première utilisation ou du redémarrage après un stockage prolongé, rincer suffisamment le système pour éliminer les corps étrangers et les odeurs avant la mise en service.
- Le raccordement électrique doit être effectué par un électricien qualifié et la mise à la terre doit être fiable. Ne touchez pas la prise ni les bornes avec les mains mouillées afin d'éviter tout risque d'électrocution.
- Ne faites pas fonctionner la pompe à sec, car cela pourrait endommager les joints, provoquer une surchauffe et un risque d'incendie.
- Installer à l'écart des sources de chaleur, des flammes et des gaz corrosifs, éviter l'exposition directe au soleil et à la pluie afin de prévenir le vieillissement, les fuites électriques et la contamination par l'eau.
- La pompe et le moteur peuvent devenir chauds pendant leur fonctionnement. Ne les touchez pas pour éviter les brûlures.
- Tenez les enfants éloignés de l'appareil afin d'éviter les risques de noyade, d'électrocution et de blessures mécaniques.
- Ne pas démonter ni modifier les dispositifs de sécurité ou la structure de la pompe sans autorisation, afin d'éviter les fuites, les dysfonctionnements ou les chocs électriques.
- Avant toute intervention, déplacement ou nettoyage, coupez l'alimentation électrique et vidangez

l'eau résiduelle afin d'éviter tout démarrage accidentel et les risques de blessures par projection d'eau.

- En cas de bruit anormal, de vibrations, de fuite, de surchauffe ou d'odeur, arrêtez immédiatement la pompe et effectuez un diagnostic avant toute réutilisation.
- La conduite d'arrivée d'eau doit être parfaitement étanche afin d'éviter les entrées d'air et les défauts d'amorçage, ainsi que pour empêcher les contaminants externes de polluer la source d'eau.
- Inspectez et entretenez régulièrement la pompe et la tuyauterie afin de les maintenir propres et d'empêcher la prolifération de bactéries ou d'algues qui affectent la qualité de l'eau potable.
- Ce produit est destiné uniquement aux systèmes d'eau potable domestiques standard. Il ne convient pas aux applications médicales, agroalimentaires ou autres applications d'hygiène particulières, sauf indication contraire.

Installation & Maintenance Manual

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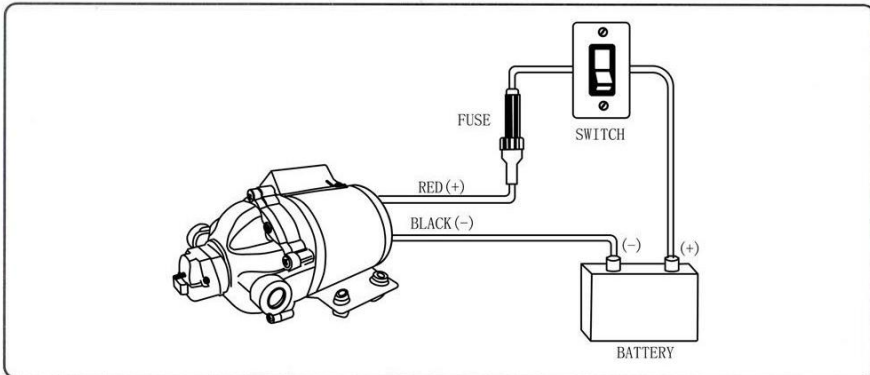
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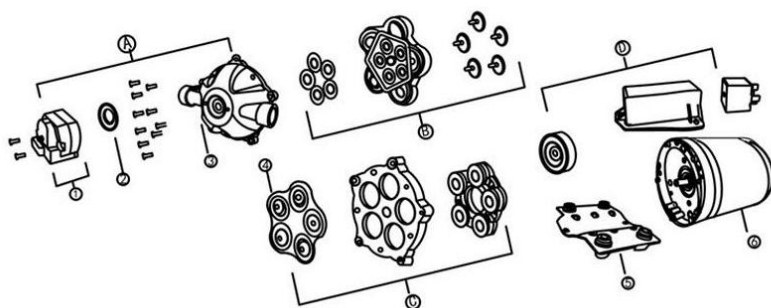
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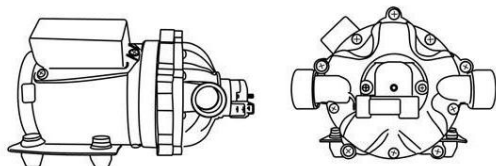
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DRUCKPUMPE P

MODELL: HY-70601T

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Warnung-An reduzieren Die Risiko von Verletzung, Benutzer muss Lesen Sie die Bedienungsanleitung sorgfältig durch.

	Dieses Gerät entspricht den geltenden Bestimmungen. Teil 15 der FCC Regeln. Der Betrieb unterliegt den folgenden zwei Bedingungen: (1) Dieses Gerät darf keine schädlichen Störungen verursachen, und (2) dieses Gerät muss alle Signale akzeptieren. Interferenz erhalten, einschließlich Interferenz Das Mai Ursache unerwünscht Betrieb.
	Dieses Produkt unterliegt den Bestimmungen der europäischen Richtlinie 2012/19/EG. Das Symbol einer durchgestrichenen Mülltonne weist darauf hin, dass das Produkt in der Europäischen Union einer getrennten Abfallentsorgung unterliegt. Dies gilt für das Produkt und sämtliches Zubehör, das mit diesem Symbol gekennzeichnet ist. solch Mai nicht Sei weggeworfen mit Normal inländisch Abfall, aber muss Sei genommen Zu A Sammlung Punkt für Recycling elektrisch Und elektronisch Geräte

- Das Produkt entspricht den geltenden Normen und Vorschriften. Die Installation dieses Geräts muss allen anwendbaren Vorschriften entsprechen und es darf nur in gut belüfteten Bereichen betrieben werden. Bitte lesen Sie die Bedienungsanleitung vor der Installation und Inbetriebnahme des Geräts.
- Dieses Gerät ist nicht für die Benutzung durch Personen (einschließlich Kinder) mit eingeschränkten physischen, sensorischen oder geistigen Fähigkeiten oder mangelnder Erfahrung und Kenntnis bestimmt, es sei denn, sie werden von einer für ihre Sicherheit verantwortlichen Person beaufsichtigt oder in die Benutzung des Geräts eingewiesen. Kinder dürfen nicht mit dem Gerät spielen. Dieses Gerät darf nicht von Kindern benutzt werden. Bewahren Sie das Gerät und sein Netzkabel außerhalb der Reichweite von Kindern auf.
- Bitte verwenden Sie das Produkt gemäß dem vorgesehenen Verwendungszweck. Wir weisen auf mögliche Verletzungen durch unsachgemäße Verwendung hin.
- Schalten Sie das Gerät aus und trennen Sie es vom Stromnetz, bevor Sie Zubehörteile wechseln oder sich beweglichen Teilen nähern. Trennen Sie das Gerät immer vom Stromnetz, wenn es unbeaufsichtigt gelassen wird, und bevor Sie es montieren, auseinandernehmen oder reinigen. (Art der Stromversorgung > <Leistung/Stromstärke der Stromversorgung>)
- Um die Hygiene des Trinkwassers zu gewährleisten, waschen Sie Ihre Hände gründlich und reinigen und desinfizieren Sie die entsprechenden Teile vor der Installation, Wartung oder dem Kontakt mit internen Komponenten.
- Vor der ersten Inbetriebnahme oder dem Neustart nach längerer Lagerung muss das System ausreichend gespült werden, um Fremdkörper und Gerüche zu entfernen.
- Der elektrische Anschluss muss von einem qualifizierten Elektriker mit zuverlässiger Erdung durchgeführt werden. Berühren Sie den Netzstecker oder die Anschlüsse nicht mit nassen Händen, um einen Stromschlag zu vermeiden.
- Die Pumpe darf nicht ohne Wasser trocken laufen, da dies zu Dichtungsschäden, Überhitzung und Brandgefahr führen kann.
- Installieren Sie das Gerät fern von Wärmequellen, Flammen und korrosiven Gasen. Vermeiden Sie direkte Sonneneinstrahlung und Regen, um Alterung, elektrische Leckagen und Wasserverunreinigungen vorzubeugen.
- Pumpe und Motor können sich während des Betriebs erhitzen. Nicht berühren, um Verbrennungen zu vermeiden.
- Halten Sie Kinder von dem Gerät fern, um Ertrinken, Stromschlag und mechanische Verletzungen zu vermeiden.
- Sicherheitsvorrichtungen oder die Pumpenstruktur dürfen ohne Genehmigung weder demontiert noch verändert werden, um Leckagen, Fehlfunktionen oder Stromschläge zu vermeiden.

- Vor Wartungs-, Transport- oder Reinigungsarbeiten die Stromzufuhr unterbrechen und Restwasser ablassen, um ein versehentliches Starten und Verletzungen durch Spritzwasser zu vermeiden.
- Bei ungewöhnlichen Geräuschen, Vibrationen, Leckagen, Überhitzung oder Geruchsbildung muss die Pumpe sofort abgeschaltet und die Störung vor der Wiederverwendung behoben werden.
- Die Zulaufleitung muss gut abgedichtet sein, um das Eindringen von Luft und ein Versagen der Ansaugung zu vermeiden sowie um zu verhindern, dass externe Verunreinigungen die Wasserquelle verunreinigen.
- Pumpe und Rohrleitungen sollten regelmäßig überprüft und gewartet werden, um sie sauber zu halten und das Wachstum von Bakterien oder Algen zu verhindern, die die Trinkwasserqualität beeinträchtigen könnten.
- Dieses Produkt ist ausschließlich für handelsübliche Trinkwassersysteme bestimmt. Nicht für medizinische Anwendungen, die Lebensmittelverarbeitung oder andere Anwendungen mit besonderen Hygieneanforderungen, sofern nicht ausdrücklich als geeignet gekennzeichnet.

Installation & Maintenance Manual

12/24V Diaphragm Pump:

For use with agricultural pesticides(Viton only), clean water and other liquids.

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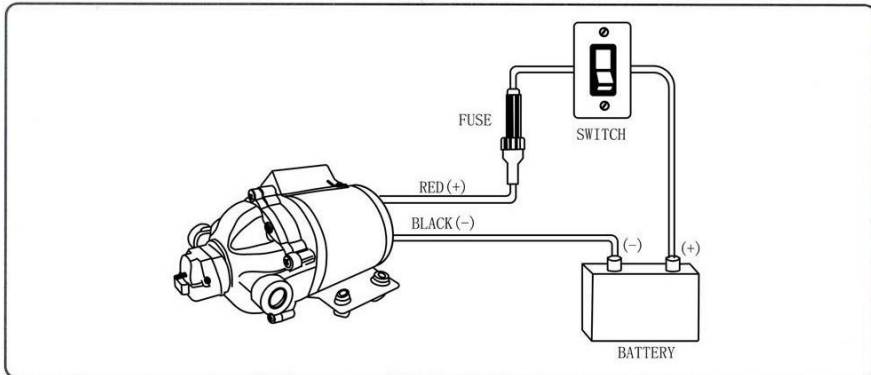
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- *The pump is self-priming, it may be mounted in any position.However,if mounting the pump vertically the pump head should be in the down position so that in the unlikely event of a leak,fluid will not enter the motor.
- *Secure the feet with appropriate fasteners. DO NOT Compress the feet,doing so will reduce their ability to isolate vibration/noise.

Step Two: Plumbing

- *Recommend to use 1/2" plastic male fittings to connect flexible high-pressure tubing to the pump.
- *In some cases, the ports may require a suitable thread sealer applied sparingly. DO NOT over-tighten, maximum torque is 45 in/lb [5 N-m].
- *Tubing should be compatible with the spraying fluid. At least 18" [450mm] length is suggested to minimize stress on the fitting/ports and reduce noise. Allow for the shortest possible tubing route and avoid sharp bends that may kink over time.
- *Strainer should be attached to the inlet side to prevent foreign debris from entering the system.
- *If a check valve is installed in the plumbing,it must have a cracking pressure of no more than 2psi(0.14bar).

Step Three: Connect pump to battery or 12V/24V supply



WIRING

STEP 1

Use 12 gauge stranded wire to 20', 10 gauge to 50'from power source.

STEP 2

Use a 20-30A rated (lighted) on-off switch on the (+) positive (red) motor lead.

STEP 3

Install 30 amp fuse protection in the positive switched lead for the HY70601T models,use a 15 amp fuse for the HY70602T

Step Four: Check and test completed assembly.

1. Check assembly	Check assembly to assure the pump is properly assembled and in safe working condition:
2. Test with water	Test the system for leaks with water: a) Fill the tank with water. b) The pump is an "on demand" pump. When turned on, the pump will prime itself, then turn off once reaching pressure. When the flow continues, the pump will automatically re-start. c) Check for leaks throughout the system. If a leak is detected, fix the leak and re-test the system with water.

Demand Operation(intermittent duty)

"Intermittent Duty" is defined as: operated and/or frequently started within a period of time that would cause the motor to reach its maximum thermal limit. Once the maximum thermal limit is obtained the motor must be allowed to return to ambient temperature before resuming operation.



WARNING



CAUTION: DO NOT use to pump flammable liquids. Never operate the pump in an explosive environment. Arcing from the motor brushes, switch or excessive heat from an improperly cycled motor may cause an explosion.

CAUTION: DO NOT assume fluid compatibility.If the fluid is improperly matched to the pumps' elastomer, a leak may occur. Pumps used to transfer hazardous or hot(Max. Temperature 149°F [65°C] Viton only) chemicals must be in a vented area to guard against the possibility of injury due to harmful or explosive liquid/vapors.

TROUBLE SHOOTING

WARNING: BEFORE SERVICING PUMP,CLOSE SEA COCK, TURN OFF POWER AND DRAIn WATER FROM HOSES!!

Failure to Prime -Motor operates,but no pump discharge

- Restricted intake or discharge line
- Air leak in intake line
- Debris in pump
- Punctured pump diaphragm (pump leaks)
- Crack in pump housing

Motor fails to turn on

- Blown fuse
- Pump circuit has no power
- Loose wiring connection
- Defective motor

Pump Fails to Turn off after all fixtures are closed

- Punctured diaphragm
- Discharge line leak
- Defective pressure switch
- Insufficient voltage
- Clogged valves in pump head

Low Flow and Pressure

- Air leak at pump intake
- Accumulation of debris inside pump and plumbing
- Worn pump bearing(excessive noise)
- Punctured pump diaphragm(punop leaks)
- Defective motor

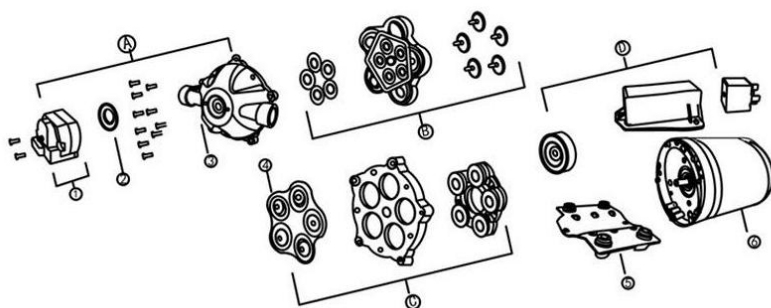
Pulsating Flow

- Restracted pump delivery.Check discharge lines,ittings and valves for clogging or undersizing.

Noisy

- Check if the mounting feet are compressed too tightly
- Is the mounting surface flexible?If so,it maybe adding noise
- Check for loose head/screws.
- If the pump is plumbed with rigid pipe,it may transmit noise more easily

REPAIRE KITS



Key	Description	Quantity
A	Pump Head Assembly	1
B	Valve Assembly	1
C	Diaphragm Assembly	1
D	Motor Assembly	1
1	Pressure Switch	1
2	Diaphragm of Pressure Switch	1
3	Pump Head	1
4	Diaphragm	1
5	Iron Baste Plate	1
6	Motor	1

ACCESSORIES



STRAINERS

Inlet	Outlet	Screen
1/2" female thread	1/2" male thread	40 Mesh



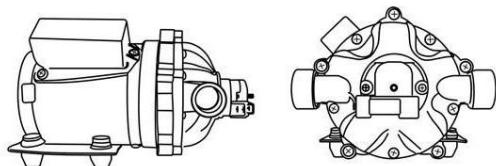
FEATURES

- Self-Priming
- Soft, Noise Absorbing Mounts
- Corrosion Resistant Materials
- with Thermal Overload Protection

SPECIFICATIONS

Motor : Permanent Magnet, Ball Bearings on both Front and Rear Endbells. CE Models are fully suppressed.

Pump : Five chamber positive displacement diaphragm design; Self-priming up to 6 ft. suction lift; Pump able to run dry without damage; Removable port to hose connectors.



TECHNICAL DATA

TYPE	VOLTS(V)	AMP(A)	FLOW RATE (GPM/LPM)	PRESSURE (PSI/BAR)
HY-70601T	12	20A	7.0/26.6	60/4.14
HY-70602T	24	10A	7.0/26.6	60/4.14

Component Material*

Pump Head..... Polypropylene, Viton, Stainless Steel.
 Diaphragm..... Santoprene
 Valves..... Viton / EPDM

* No special requestments, Pumps come with EPDM valves by default.

* Before using any chemical, check to ensure the chemical is compatible with all materials in the system.

The manufacturer reserves the right to make improvement in design and/or changes in specifications at any time without incurring any obligation to install them on units previously sold.



VEVOR

Upgrade · The Home Creator Way

POMPA A PRESSIONE P

MODELLO: HY-70601T

MODELLO: HY-70601T



Queste sono le istruzioni originali, si prega di leggere attentamente tutte le istruzioni del manuale prima dell'uso. VEVOR si riserva il diritto di interpretare a proprio piacimento il presente manuale d'uso. L'aspetto del prodotto potrebbe differire leggermente da quello del prodotto ricevuto. Ci scusiamo se non vi informeremo tempestivamente di eventuali aggiornamenti tecnologici o software del nostro prodotto.



Avviso-A ridurre IL rischio Di infortunio, utente dovere Leggere attentamente il manuale di istruzioni.

	Questo dispositivo è conforme a Parte 15 Del FCC Regole. Il funzionamento è soggetto alle seguenti due condizioni: (1) Questo dispositivo non deve causare interferenze dannose e (2) questo dispositivo deve accettare qualsiasi interferenza ricevuto, Tra cui interferenza Quello Maggio causa indesiderato operazione.
	Questo prodotto è soggetto alle disposizioni della Direttiva europea 2012/19/CE. Il simbolo che mostra un bidone della spazzatura barrato indica che il prodotto richiede la raccolta differenziata dei rifiuti nell'Unione europea. Ciò si applica al prodotto e a tutti gli accessori contrassegnati con questo simbolo. I prodotti contrassegnati come come Maggio non Essere scartato con normale domestico sciupare, ma deve Essere preso A UN collezione punto per riciclaggio elettrico E elettronico dispositivi

- Il prodotto è conforme agli standard e alle normative vigenti. L'installazione di questo dispositivo deve essere conforme a tutte le normative applicabili e il suo utilizzo deve avvenire esclusivamente in aree ben ventilate. Si prega di leggere il manuale d'uso prima di installare e utilizzare l'apparecchiatura.
- Questo apparecchio non è destinato all'uso da parte di persone (compresi i bambini) con ridotte capacità fisiche, sensoriali o mentali, o prive di esperienza e conoscenza, a meno che non siano state supervisionate o istruite sull'uso dell'apparecchio da una persona responsabile della loro sicurezza. I bambini non devono giocare con l'apparecchio. Questo apparecchio non deve essere utilizzato dai bambini. Tenere l'apparecchio e il relativo cavo fuori dalla portata dei bambini.
- Si prega di utilizzare il prodotto secondo le istruzioni d'uso. Attenzione ai potenziali rischi di lesioni derivanti da un uso improprio.
- Spegner e scollegare l'apparecchio dalla rete elettrica prima di cambiare gli accessori o di avvicinarsi a parti mobili. Scollegare sempre l'apparecchio dalla rete elettrica se viene lasciato incustodito e prima di montarlo, smontarlo o pulirlo. Tipo di alimentazione > <potenza / corrente di alimentazione>
- Per garantire l'igiene dell'acqua potabile, lavarsi accuratamente le mani e pulire e disinfettare le parti interessate prima dell'installazione, della manutenzione o del contatto con i componenti interni.
- Al primo utilizzo o dopo un lungo periodo di inattività, sciacquare accuratamente il sistema per rimuovere eventuali corpi estranei e odori prima di rimetterlo in funzione.
- Il collegamento elettrico deve essere effettuato da un elettricista qualificato con una messa a terra affidabile. Non toccare la spina o i terminali di alimentazione con le mani bagnate per evitare scosse elettriche.
- Non far funzionare la pompa a secco, senza acqua, poiché ciò potrebbe danneggiare le guarnizioni, causare surriscaldamento e provocare incendi.
- Installare lontano da fonti di calore, fiamme e gas corrosivi, evitare la luce solare diretta e la pioggia per prevenire l'invecchiamento, le dispersioni elettriche e la contaminazione da acqua.
- Durante il funzionamento, la pompa e il motore potrebbero surriscaldarsi. Non toccarli per evitare ustioni.
- Tenere i bambini lontani dall'apparecchio per evitare annegamenti, scosse elettriche e lesioni meccaniche.
- Non smontare o modificare i dispositivi di sicurezza o la struttura della pompa senza autorizzazione, per evitare perdite, malfunzionamenti o scosse elettriche.
- Prima di effettuare interventi di manutenzione, spostamento o pulizia, scollegare l'alimentazione

e scaricare l'acqua residua per evitare l'avvio accidentale e lesioni causate da spruzzi d'acqua.

- In caso di rumori anomali, vibrazioni, perdite, surriscaldamento o odori sgradevoli, arrestare immediatamente la pompa ed eseguire la diagnosi del problema prima di riutilizzarla.
- La tubazione di ingresso deve essere ben sigillata per evitare l'ingresso di aria e il mancato adescamento, nonché per impedire che contaminanti esterni inquinino la fonte d'acqua.
- Ispezionare e sottoporre a regolare manutenzione la pompa e le tubature per mantenerle pulite e prevenire la proliferazione di batteri o alghe che potrebbero compromettere la qualità dell'acqua potabile.
- Questo prodotto è destinato esclusivamente agli impianti standard di acqua potabile domestica. Non è adatto per applicazioni mediche, nell'industria alimentare o per altre applicazioni igieniche speciali, a meno che non sia specificamente indicato come idoneo.

Installation & Maintenance Manual

12/24V Diaphragm Pump:

For use with agricultural pesticides(Viton only), clean water and other liquids.

This pump is recommended for use in spraying non-flammable liquid such as pesticides(Viton only), water for plans/trees or dust control, ice control chemicals or water-based non-flammable sealants or stains for outdoor wood surfaces. However, we recommend that the pump not be used for other purposes once it has been used for spraying pesticides,Any chemical will leave some residual in the pump, even after the pump has been properly cleaned. These residual chemical can have unexpected effects on future uses.

INSTALLATION

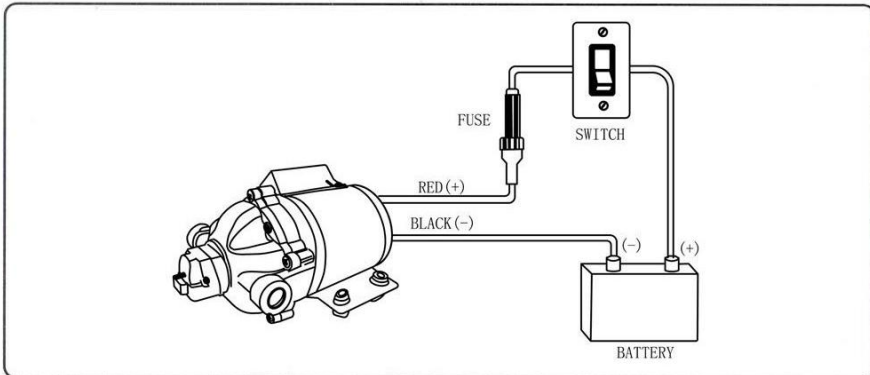
Step One:Mounting

- *The pump should be located in an area that is dry and provides adequate ventilation.
- *The pump is self-priming, it may be mounted in any position.However,if mounting the pump vertically the pump head should be in the down position so that in the unlikely event of a leak,fluid will not enter the motor.
- *Secure the feet with appropriate fasteners. DO NOT Compress the feet,doing so will reduce their ability to isolate vibration/noise.

Step Two: Plumbing

- *Recommend to use 1/2" plastic male fittings to connect flexible high-pressure tubing to the pump.
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Step Three: Connect pump to battery or 12V/24V supply



WIRING

STEP 1

Use 12 gauge stranded wire to 20', 10 gauge to 50'from power source.

STEP 2

Use a 20-30A rated (lighted) on-off switch on the (+) positive (red) motor lead.

STEP 3

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Pump Fails to Turn off after all fixtures are closed

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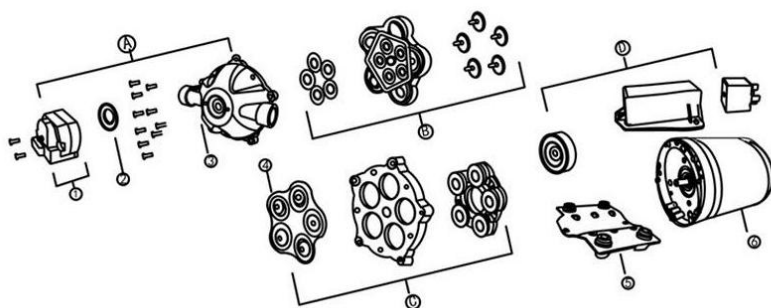
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REPAIRE KITS



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ACCESSORIES



STRAINERS

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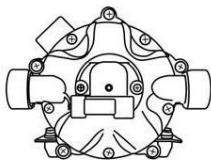
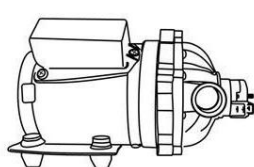
FEATURES

- Self-Priming
- Soft, Noise Absorbing Mounts
- Corrosion Resistant Materials
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SPECIFICATIONS

Motor : Permanent Magnet, Ball Bearings on both Front and Rear Endbells. CE Models are fully suppressed.

Pump : Five chamber positive displacement diaphragm design; Self-priming up to 6 ft. suction lift; Pump able to run dry without damage; Removable port to hose connectors.



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VEVOR

Upgrade · The Home Creator Way

BOMBA DE PRESIÓN P

MODELO: HY-70601T

MODELO: HY-70601T



Estas son las instrucciones originales. Lea atentamente todo el manual antes de usar el producto. VEVOR se reserva el derecho de interpretar el manual de usuario. El aspecto del producto puede variar con respecto al que reciba. Le pedimos disculpas si no le informamos nuevamente sobre actualizaciones de tecnología o software.



Advertencia-A reducir el riesgo de lesión, usuario debe Lea atentamente el manual de instrucciones.

	Este dispositivo cumple con Parte 15 del FCC Reglas. El funcionamiento está sujeto a las dos condiciones siguientes: (1) Este dispositivo no debe causar interferencias perjudiciales, y (2) este dispositivo debe aceptar cualquier interferencia recibida, incluido interferencia que puede causar no deseado operación.
	Este producto está sujeto a lo dispuesto en la Directiva europea 2012/19/CE. El símbolo que muestra un contenedor de basura tachado indica que el producto requiere una recogida selectiva de residuos en la Unión Europea. Esto se aplica al producto y a todos los accesorios marcados con este símbolo. Productos marcados como semejante puede no ser descartado con normal doméstico desperdiciar, pero debe ser tomado a a recopilación punto para reciclaje eléctrico y electrónico dispositivos

- El producto cumple con las normas y regulaciones pertinentes. La instalación de este dispositivo debe cumplir con todas las normativas aplicables y solo debe utilizarse en áreas bien ventiladas. Lea el manual de usuario antes de instalar y utilizar este equipo.
- Este aparato no está diseñado para ser utilizado por personas (incluidos niños) con capacidades físicas, sensoriales o mentales reducidas, o con falta de experiencia y conocimiento, a menos que una persona responsable de su seguridad les supervise o les instruya sobre su uso. Los niños no deben jugar con el aparato. Este aparato no debe ser utilizado por niños. Mantenga el aparato y su cable fuera del alcance de los niños.
- Utilice el producto de acuerdo con el uso previsto; tenga en cuenta que un uso indebido puede causar lesiones.
- Apague el aparato y desconéctelo de la alimentación antes de cambiar accesorios o acercarse a las piezas que se mueven durante el uso. Desconecte siempre el aparato de la alimentación si se deja desatendido y antes de montarlo, desmontarlo o limpiarlo. <Inteligencia de la alimentación> <potencia/corriente de la alimentación>
- Para garantizar la higiene del agua potable, lávese bien las manos y limpie y desinfecte las piezas pertinentes antes de la instalación, el mantenimiento o el contacto con los componentes internos.
- Para el primer uso o la puesta en marcha tras un almacenamiento prolongado, enjuague el sistema lo suficiente para eliminar la materia extraña y los olores antes de ponerlo en funcionamiento.
- La conexión eléctrica debe ser realizada por un electricista cualificado con una toma de tierra fiable. No toque el enchufe ni los terminales con las manos mojadas para evitar descargas eléctricas.
- No haga funcionar la bomba en seco, sin agua, ya que esto puede provocar daños en los sellos, sobrecalentamiento y riesgo de incendio.
- Instalar lejos de fuentes de calor, llamas y gases corrosivos, evitar la luz solar directa y la lluvia para prevenir el envejecimiento, las fugas eléctricas y la contaminación por agua.
- La bomba y el motor pueden calentarse durante el funcionamiento. No los toque para evitar quemaduras.
- Mantenga a los niños alejados de la unidad para evitar ahogamientos, descargas eléctricas y lesiones mecánicas.
- No desmonte ni modifique los dispositivos de seguridad ni la estructura de la bomba sin autorización, para evitar fugas, fallos de funcionamiento o descargas eléctricas.
- Antes de realizar cualquier mantenimiento, traslado o limpieza, desconecte la alimentación eléctrica y drene el agua residual para evitar arranques accidentales y lesiones por salpicaduras

de agua.

- Si se produce ruido anormal, vibración, fuga, sobrecalentamiento u olor, detenga la bomba inmediatamente y solucione el problema antes de volver a usarla.
- La tubería de entrada debe estar bien sellada para evitar la entrada de aire y el fallo del cebado, así como para impedir que contaminantes externos contaminen la fuente de agua.
- Inspeccione y realice el mantenimiento de la bomba y las tuberías con regularidad para mantenerlas limpias y prevenir el crecimiento de bacterias o algas que afectan la calidad del agua potable.
- Este producto es solo para sistemas domésticos estándar de agua potable. No apto para uso médico, procesamiento de alimentos ni otras aplicaciones de higiene especiales, a menos que se indique específicamente que es adecuado.

Installation & Maintenance Manual

12/24V Diaphragm Pump:

For use with agricultural pesticides(Viton only), clean water and other liquids.

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INSTALLATION

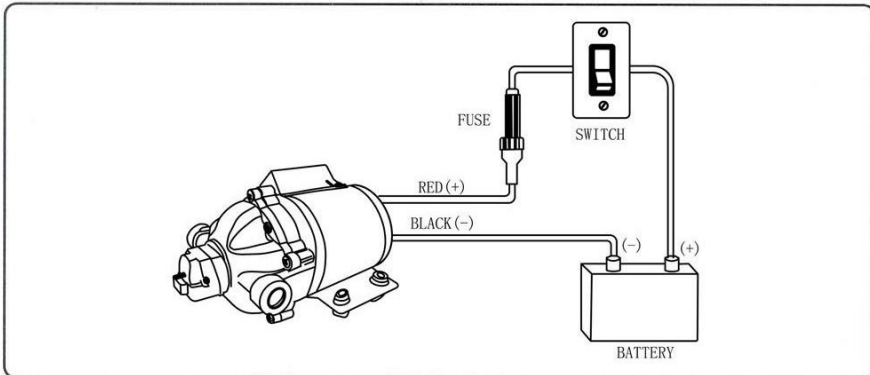
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Step Three: Connect pump to battery or 12V/24V supply



WIRING

STEP 1

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STEP 2

Use a 20-30A rated (lighted) on-off switch on the (+) positive (red) motor lead.

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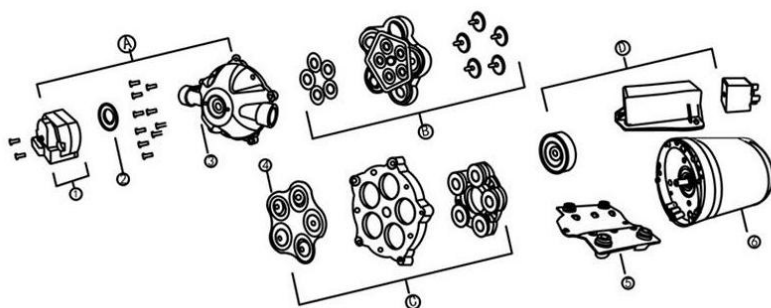
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- Is the mounting surface flexible?If so,it maybe adding noise
- Check for loose head/screws.
- If the pump is plumbed with rigid pipe,it may transmit noise more easily

REPAIRE KITS



Key	Description	Quantity
A	Pump Head Assembly	1
B	Valve Assembly	1
C	Diaphragm Assembly	1
D	Motor Assembly	1
1	Pressure Switch	1
2	Diaphragm of Pressure Switch	1
3	Pump Head	1
4	Diaphragm	1
5	Iron Baste Plate	1
6	Motor	1

ACCESSORIES



STRAINERS

Inlet	Outlet	Screen
1/2" female thread	1/2" male thread	40 Mesh



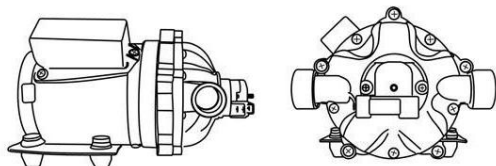
FEATURES

- Self-Priming
- Soft, Noise Absorbing Mounts
- Corrosion Resistant Materials
- with Thermal Overload Protection

SPECIFICATIONS

Motor : Permanent Magnet, Ball Bearings on both Front and Rear Endbells. CE Models are fully suppressed.

Pump : Five chamber positive displacement diaphragm design; Self-priming up to 6 ft. suction lift; Pump able to run dry without damage; Removable port to hose connectors.



TECHNICAL DATA

TYPE	VOLTS(V)	AMP(A)	FLOW RATE (GPM/LPM)	PRESSURE (PSI/BAR)
HY-70601T	12	20A	7.0/26.6	60/4.14
HY-70602T	24	10A	7.0/26.6	60/4.14

Component Material*

Pump Head..... Polypropylene, Viton, Stainless Steel.
 Diaphragm..... Santoprene
 Valves..... Viton / EPDM

* No special requestments, Pumps come with EPDM valves by default.

* Before using any chemical, check to ensure the chemical is compatible with all materials in the system.

The manufacturer reserves the right to make improvement in design and/or changes in specifications at any time without incurring any obligation to install them on units previously sold.



VEVOR

Upgrade · The Home Creator Way

POMPA CIŚNIENIOWA P

MODEL: HY-70601T

MODEL: HY-70601T



To jest oryginalna instrukcja obsługi. Przed użyciem prosimy o dokładne zapoznanie się z treścią instrukcji. Firma VEVOR zastrzega sobie prawo do jednoznacznej interpretacji niniejszej instrukcji obsługi. Wygląd produktu zależy od stanu, w jakim go otrzymali Państwo. Prosimy o wyrozumiałość, ale nie będziemy Państwa ponownie informować o aktualizacjach technologicznych lub oprogramowania naszego produktu.



Ostrzeżenie-do zmniejszyć ten ryzyko z obrażenia, użytkownik
musieć Przeczytaj uważnie instrukcję obsługi.

	To urządzenie jest zgodne z Część 15 z FCC Zasady. Eksploatacja podlega następującym dwóm warunkom: (1) Urządzenie nie może powodować szkodliwych zakłóceń oraz (2) Urządzenie musi akceptować wszelkie ingerencja otrzymane, w tym ingerencja To móc przyczyna niepożądany działanie.
	Ten produkt podlega przepisom Dyrektywy Europejskiej 2012/19/WE. Symbol przedstawiający przekreślony kosz na śmieci na kółkach oznacza, że produkt wymaga selektywnej zbiórki odpadów w Unii Europejskiej. Dotyczy to produktu i wszystkich akcesoriów oznaczonych tym symbolem. Produkty oznaczone jako taki mogą nie być wyrzucony z normalna domowy marnować, ale musi być zajęty Do A kolekcja punkt Do recykling elektryczny I elektroniczny urządzenia

- Produkt jest zgodny z odpowiednimi normami i przepisami. Instalacja tego urządzenia musi być zgodna ze wszystkimi obowiązującymi przepisami i powinno być ono użytkowane wyłącznie w dobrze wentylowanych pomieszczeniach. Przed instalacją i użytkowaniem urządzenia należy zapoznać się z instrukcją obsługi.
- To urządzenie nie jest przeznaczone do użytku przez osoby (w tym dzieci) o ograniczonej sprawności fizycznej, sensorycznej lub umysłowej, a także osoby nieposiadające odpowiedniego doświadczenia i wiedzy, chyba że będą one nadzorowane lub poinstruowane w zakresie korzystania z urządzenia przez osobę odpowiedzialną za ich bezpieczeństwo. Dzieci nie powinny bawić się urządzeniem. To urządzenie nie powinno być używane przez dzieci. Przechowuj urządzenie i jego przewód w miejscu niedostępnym dla dzieci.
- Używaj produktu zgodnie z jego przeznaczeniem, ostrzegając przed potencjalnymi obrażeniami na skutek niewłaściwego użycia.
- Wyłącz urządzenie i odłącz je od zasilania przed wymianą akcesoriów lub zbliżaniem się do części ruchomych podczas użytkowania. Zawsze odłączaj urządzenie od zasilania, jeśli pozostawiasz je bez nadzoru, a także przed montażem, demontażem lub czyszczeniem. Rodzaj zasilania> <moc / prąd zasilania>
- Aby zapewnić higienę wody pitnej, należy dokładnie umyć ręce oraz wyczyścić i zdezynfekować odpowiednie części przed instalacją, konserwacją lub kontaktem z wewnętrznymi podzespołami.
- Przed pierwszym użyciem lub ponownym uruchomieniem po długim okresie przechowywania należy dokładnie przepłukać układ, aby usunąć ciała obce i zapach, a następnie ponownie uruchomić urządzenie.
- Podłączenie elektryczne musi zostać wykonane przez wykwalifikowanego elektryka z niezawodnym uziemieniem. Nie dotykaj wtyczki ani zacisków mokrymi rękami, aby uniknąć porażenia prądem.
- Nie uruchamiaj pompy na sucho bez wody, gdyż może to spowodować uszkodzenie uszczelnienia, przegrzanie i zagrożenie pożarem.
- Należy montować z dala od źródeł ciepła, ognia i gazów żrących, unikać bezpośredniego światła słonecznego i deszczu, aby zapobiec starzeniu się urządzenia, wyciekom prądu i zanieczyszczeniu wodą.
- Pompa i silnik mogą się nagrzewać podczas pracy. Nie dotykać, aby uniknąć oparzeń.
- Trzymaj dzieci z dala od urządzenia, aby uniknąć utonięcia, porażenia prądem elektrycznym lub obrażeń mechanicznych.
- Aby uniknąć wycieku, awarii lub porażenia prądem, nie należy demontować ani modyfikować urządzeń zabezpieczających lub konstrukcji pompy bez odpowiedniego zezwolenia.
- Przed przystąpieniem do serwisowania, przenoszenia lub czyszczenia odłącz urządzenie od

zasilania i spuścić pozostałą wodę, aby zapobiec przypadkowemu uruchomieniu urządzenia i obrażeniom spowodowanym rozpryskiem wody.

- W przypadku wystąpienia nietypowego hałasu, drgań, wycieku, przegrzania lub nieprzyjemnego zapachu należy natychmiast zatrzymać pompę i rozwiązać problem przed ponownym użyciem.
- Rurociąg wlotowy musi być dobrze uszczelniony, aby zapobiec zasysaniu powietrza i awarii zasysania, a także aby zapobiec przedostawaniu się zanieczyszczeń zewnętrznych do źródła wody.
- Należy regularnie dokonywać przeglądów i konserwacji pompy oraz rurociągów, aby zachować je w czystości i zapobiegać rozwojowi bakterii i glonów, które mogą mieć wpływ na jakość wody pitnej.
- Ten produkt jest przeznaczony wyłącznie do standardowych domowych systemów wody pitnej. Nie nadaje się do zastosowań medycznych, w przetwórstwie żywności ani innych specjalistycznych zastosowań higienicznych, chyba że jest wyraźnie oznaczony jako odpowiedni.

Installation & Maintenance Manual

12/24V Diaphragm Pump:

For use with agricultural pesticides(Viton only), clean water and other liquids.

This pump is recommended for use in spraying non-flammable liquid such as pesticides(Viton only), water for plans/trees or dust control, ice control chemicals or water-based non-flammable sealants or stains for outdoor wood surfaces. However, we recommend that the pump not be used for other purposes once it has been used for spraying pesticides,Any chemical will leave some residual in the pump, even after the pump has been properly cleaned. These residual chemical can have unexpected effects on future uses.

INSTALLATION

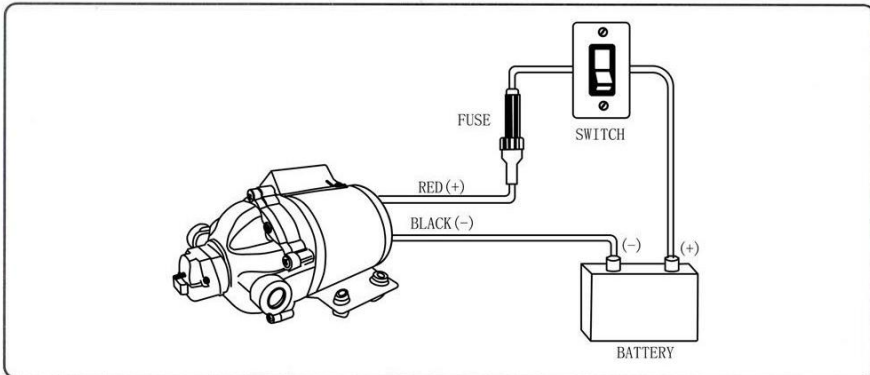
Step One:Mounting

- *The pump should be located in an area that is dry and provides adequate ventilation.
- *The pump is self-priming, it may be mounted in any position.However,if mounting the pump vertically the pump head should be in the down position so that in the unlikely event of a leak,fluid will not enter the motor.
- *Secure the feet with appropriate fasteners. DO NOT Compress the feet,doing so will reduce their ability to isolate vibration/noise.

Step Two: Plumbing

- *Recommend to use 1/2" plastic male fittings to connect flexible high-pressure tubing to the pump.
- *In some cases, the ports may require a suitable thread sealer applied sparingly. DO NOT over-tighten, maximum torque is 45 in/lb [5 N-m].
- *Tubing should be compatible with the spraying fluid. At least 18" [450mm] length is suggested to minimize stress on the fitting/ports and reduce noise. Allow for the shortest possible tubing route and avoid sharp bends that may kink over time.
- *Strainer should be attached to the inlet side to prevent foreign debris from entering the system.
- *If a check valve is installed in the plumbing,it must have a cracking pressure of no more than 2psi(0.14bar).

Step Three: Connect pump to battery or 12V/24V supply



WIRING

STEP 1

Use 12 gauge stranded wire to 20', 10 gauge to 50'from power source.

STEP 2

Use a 20-30A rated (lighted) on-off switch on the (+) positive (red) motor lead.

STEP 3

Install 30 amp fuse protection in the positive switched lead for the HY70601T models,use a 15 amp fuse for the HY70602T

Step Four: Check and test completed assembly.

1. Check assembly	Check assembly to assure the pump is properly assembled and in safe working condition:
2. Test with water	Test the system for leaks with water: a) Fill the tank with water. b) The pump is an "on demand" pump. When turned on, the pump will prime itself, then turn off once reaching pressure. When the flow continues, the pump will automatically re-start. c) Check for leaks throughout the system. If a leak is detected, fix the leak and re-test the system with water.

Demand Operation(intermittent duty)

"Intermittent Duty" is defined as: operated and/or frequently started within a period of time that would cause the motor to reach its maximum thermal limit. Once the maximum thermal limit is obtained the motor must be allowed to return to ambient temperature before resuming operation.



WARNING



CAUTION: DO NOT use to pump flammable liquids. Never operate the pump in an explosive environment. Arcing from the motor brushes, switch or excessive heat from an improperly cycled motor may cause an explosion.

CAUTION: DO NOT assume fluid compatibility.If the fluid is improperly matched to the pumps' elastomer, a leak may occur. Pumps used to transfer hazardous or hot(Max. Temperature 149°F [65°C] Viton only) chemicals must be in a vented area to guard against the possibility of injury due to harmful or explosive liquid/vapors.

TROUBLE SHOOTING

WARNING: BEFORE SERVICING PUMP,CLOSE SEA COCK, TURN OFF POWER AND DRAIn WATER FROM HOSES!!

Failure to Prime -Motor operates,but no pump discharge

- Restricted intake or discharge line
- Air leak in intake line
- Debris in pump
- Punctured pump diaphragm (pump leaks)
- Crack in pump housing

Motor fails to turn on

- Blown fuse
- Pump circuit has no power
- Loose wiring connection
- Defective motor

Pump Fails to Turn off after all fixtures are closed

- Punctured diaphragm
- Discharge line leak
- Defective pressure switch
- Insufficient voltage
- Clogged valves in pump head

Low Flow and Pressure

- Air leak at pump intake
- Accumulation of debris inside pump and plumbing
- Worn pump bearing(excessive noise)
- Punctured pump diaphragm(punop leaks)
- Defective motor

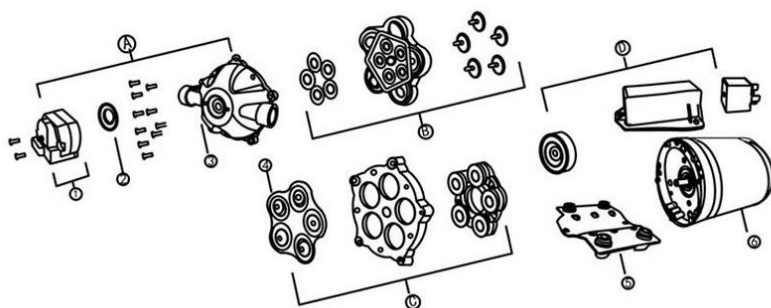
Pulsating Flow

- Restrocted pump delivery.Check discharge lines,ittings and valves for clogging or undersizing.

Noisy

- Check if the mounting feet are compressed too tightly
- Is the mounting surface flexible?If so,it maybe adding noise
- Check for loose head/screws.
- If the pump is plumbed with rigid pipe,it may transmit noise more easily

REPAIRE KITS



Key	Description	Quantity
A	Pump Head Assembly	1
B	Valve Assembly	1
C	Diaphragm Assembly	1
D	Motor Assembly	1
1	Pressure Switch	1
2	Diaphragm of Pressure Switch	1
3	Pump Head	1
4	Diaphragm	1
5	Iron Baste Plate	1
6	Motor	1

ACCESSORIES



STRAINERS

Inlet	Outlet	Screen
1/2" female thread	1/2" male thread	40 Mesh



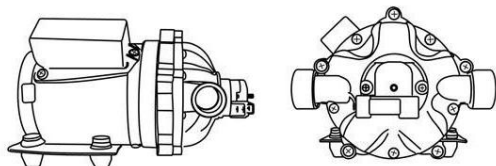
FEATURES

- Self-Priming
- Soft, Noise Absorbing Mounts
- Corrosion Resistant Materials
- with Thermal Overload Protection

SPECIFICATIONS

Motor : Permanent Magnet, Ball Bearings on both Front and Rear Endbells. CE Models are fully suppressed.

Pump : Five chamber positive displacement diaphragm design; Self-priming up to 6 ft. suction lift; Pump able to run dry without damage; Removable port to hose connectors.



TECHNICAL DATA

TYPE	VOLTS(V)	AMP(A)	FLOW RATE (GPM/LPM)	PRESSURE (PSI/BAR)
HY-70601T	12	20A	7.0/26.6	60/4.14
HY-70602T	24	10A	7.0/26.6	60/4.14

Component Material*

Pump Head..... Polypropylene, Viton, Stainless Steel.
 Diaphragm..... Santoprene
 Valves..... Viton / EPDM

* No special requestments, Pumps come with EPDM valves by default.

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VEVOR

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DRUKPOMP P

MODEL: HY-70601T

MODEL: HY-70601T



Dit is de originele handleiding. Lees alle instructies in de handleiding zorgvuldig door voordat u het product in gebruik neemt. VEVOR behoudt zich het recht voor om de gebruikershandleiding anders te interpreteren. Het uiterlijk van het product kan afwijken van het product dat u ontvangt. Wij zullen u niet opnieuw informeren over eventuele technologische of software-updates voor ons product.



Waarschuwing-To verminderen de risico van blessure, gebruiker moeten Lees de gebruiksaanwijzing aandachtig door.

	Dit apparaat voldoet aan Deel 15 van de FCC Regels. De werking is onderworpen aan de volgende twee voorwaarden: (1) Dit apparaat mag geen schadelijke interferentie veroorzaken, en (2) dit apparaat moet elk interferentie ontvangen, inbegrepen interferentie Dat kunnen oorzaak ongewenst operatie.
	Dit product valt onder de bepalingen van de Europese Richtlijn 2012/19/EC. Het symbool met een doorgestreepte afvalcontainer geeft aan dat dit product in de Europese Unie apart moet worden ingezameld. Dit geldt voor het product en alle accessoires die met dit symbool zijn gemarkeerd. Producten gemarkeerd als zo een kunnen niet zijn weggegooid met normaal huiselijk afval, maar moet zijn genomen naar A verzameling punt voor recycling elektrisch En elektronisch apparaten

- Het product voldoet aan de relevante normen en voorschriften. De installatie van dit apparaat moet voldoen aan alle geldende voorschriften en het mag alleen worden gebruikt in goed geventileerde ruimtes. Lees de gebruikershandleiding voordat u dit apparaat installeert en gebruikt.
- Dit apparaat is niet bedoeld voor gebruik door personen (inclusief kinderen) met beperkte fysieke, zintuiglijke of mentale vermogens, of gebrek aan ervaring en kennis, tenzij zij onder toezicht staan of instructies hebben gekregen over het gebruik van het apparaat van een persoon die verantwoordelijk is voor hun veiligheid. Kinderen mogen niet met het apparaat spelen. Dit apparaat mag niet door kinderen worden gebruikt. Houd het apparaat en het snoer buiten het bereik van kinderen.
- Gebruik het product volgens het beoogde doel; wij waarschuwen voor mogelijk letsel door verkeerd gebruik.
- Schakel het apparaat uit en haal de stekker uit het stopcontact voordat u accessoires verwisselt of bewegende onderdelen benadert. Haal de stekker altijd uit het stopcontact als u het apparaat onbeheerd achterlaat en voordat u het monteert, demonteert of reinigt.
- Om de hygiëne van drinkwater te waarborgen, dient u uw handen grondig te wassen en de relevante onderdelen te reinigen en te desinfecteren vóór installatie, onderhoud of contact met interne componenten.
- Spoel het systeem bij het eerste gebruik of na langdurige opslag grondig door om vreemde deeltjes en geuren te verwijderen alvorens het in gebruik te nemen.
- De elektrische aansluiting moet worden uitgevoerd door een gekwalificeerde elektricien met een betrouwbare aarding. Raak de stekker of de aansluitklemmen niet aan met natte handen om elektrische schokken te voorkomen.
- Laat de pomp niet drooglopen zonder water, dit kan leiden tot beschadiging van de afdichtingen, oververhitting en brandgevaar.
- Installeer het apparaat uit de buurt van warmtebronnen, vlammen en corrosieve gassen, en vermijd direct zonlicht en regen om veroudering, elektrische lekkage en waterverontreiniging te voorkomen.
- De pomp en motor kunnen tijdens gebruik heet worden. Raak ze niet aan om brandwonden te voorkomen.
- Houd kinderen uit de buurt van het apparaat om verdrinking, elektrische schokken en mechanisch letsel te voorkomen.
- Demonteer of wijzig de veiligheidsvoorzieningen of de pompconstructie niet zonder toestemming om lekkage, storingen of elektrische schokken te voorkomen.
- Voordat u onderhoud uitvoert, dingen verplaatst of schoonmaakt, dient u de stroom uit te

schakelen en het resterende water af te voeren om te voorkomen dat de motor per ongeluk start en dat u letsel oploopt door opspattend water.

- Als er abnormale geluiden, trillingen, lekkage, oververhitting of een onaangename geur optreden, stop dan onmiddellijk de pomp en los het probleem op voordat u de pomp opnieuw gebruikt.
- De toevoerleiding moet goed afgedicht zijn om luchtinlaat en het mislukken van de aanzuiging te voorkomen, en om te voorkomen dat externe verontreinigingen de waterbron vervuilen.
- Controleer en onderhoud de pomp en leidingen regelmatig om ze schoon te houden en de groei van bacteriën of algen te voorkomen die de drinkwaterkwaliteit aantasten.
- Dit product is uitsluitend bestemd voor standaard drinkwatersystemen voor huishoudelijk gebruik. Niet geschikt voor medische toepassingen, voedselverwerkende industrie of andere toepassingen met speciale hygiënevoorschriften, tenzij dit specifiek is aangegeven.

Installation & Maintenance Manual

12/24V Diaphragm Pump:

For use with agricultural pesticides(Viton only), clean water and other liquids.

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INSTALLATION

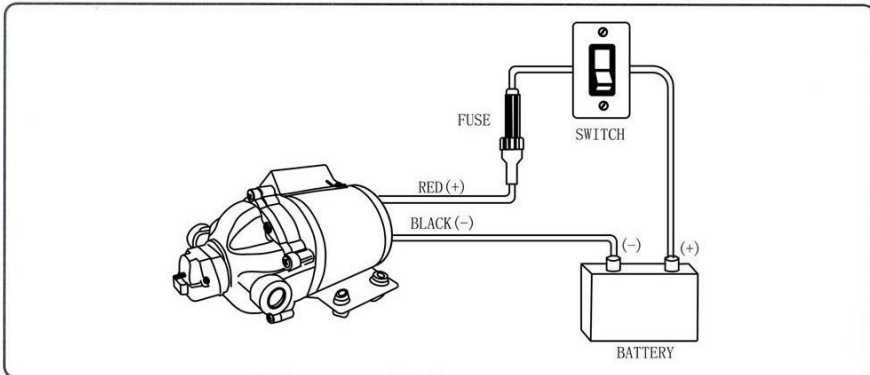
Step One:Mounting

- *The pump should be located in an area that is dry and provides adequate ventilation.
- *The pump is self-priming, it may be mounted in any position.However,if mounting the pump vertically the pump head should be in the down position so that in the unlikely event of a leak,fluid will not enter the motor.
- *Secure the feet with appropriate fasteners. DO NOT Compress the feet,doing so will reduce their ability to isolate vibration/noise.

Step Two: Plumbing

- *Recommend to use 1/2" plastic male fittings to connect flexible high-pressure tubing to the pump.
- *In some cases, the ports may require a suitable thread sealer applied sparingly. DO NOT over-tighten, maximum torque is 45 in/lb [5 N-m].
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- *Strainer should be attached to the inlet side to prevent foreign debris from entering the system.
- *If a check valve is installed in the plumbing,it must have a cracking pressure of no more than 2psi(0.14bar).

Step Three: Connect pump to battery or 12V/24V supply



WIRING

STEP 1

Use 12 gauge stranded wire to 20', 10 gauge to 50'from power source.

STEP 2

Use a 20-30A rated (lighted) on-off switch on the (+) positive (red) motor lead.

STEP 3

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TROUBLE SHOOTING

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- Air leak in intake line
- Debris in pump
- Punctured pump diaphragm (pump leaks)
- Crack in pump housing

Motor fails to turn on

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Pump Fails to Turn off after all fixtures are closed

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- Air leak at pump intake
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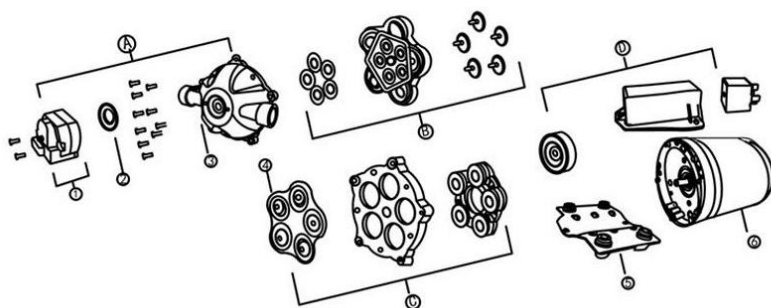
Pulsating Flow

- Restracted pump delivery.Check discharge lines,ittings and valves for clogging or undersizing.

Noisy

- Check if the mounting feet are compressed too tightly
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REPAIRE KITS



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ACCESSORIES



STRAINERS

Inlet	Outlet	Screen
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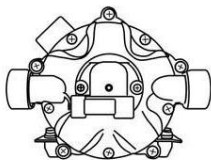
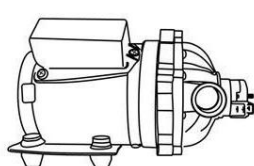
FEATURES

- Self-Priming
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TECHNICAL DATA

TYPE	VOLTS(V)	AMP(A)	FLOW RATE (GPM/LPM)	PRESSURE (PSI/BAR)
HY-70601T	12	20A	7.0/26.6	60/4.14
HY-70602T	24	10A	7.0/26.6	60/4.14

Component Material*

Pump Head..... Polypropylene, Viton, Stainless Steel.
 Diaphragm..... Santoprene
 Valves..... Viton / EPDM

* No special requestments, Pumps come with EPDM valves by default.

* Before using any chemical, check to ensure the chemical is compatible with all materials in the system.

The manufacturer reserves the right to make improvement in design and/or changes in specifications at any time without incurring any obligation to install them on units previously sold.



VEVOR

Upgrade · The Home Creator Way

TRYCKPUMP P

MODELL: HY-70601T

MODELL: HY-70601T



Detta är originalinstruktionerna, vänligen läs alla instruktioner noggrant innan du använder produkten. VEVOR förbehåller sig en tydlig tolkning av vår användarmanual. Produktens utseende ska vara beroende av den produkt du mottagit. Vi ber om ursäkt för att vi inte kommer att informera dig igen om det finns några teknik- eller programuppdateringar för vår produkt.



Varning-Till minska de risk av skada, användare måste läs instruktionsboken noggrant.

	Denna enhet uppfyller Del 15 av FCC Regler. Användningen är underställd följande två villkor: (1) Denna enhet får inte orsaka skadliga störningar, och (2) denna enhet måste acceptera alla interferens mottagen, inklusive interferens att maj orsaka oönskad drift.
	Denna produkt omfattas av bestämmelserna i EU-direktiv 2012/19/EG. Symbolen som visar en överstruken soptunna indikerar att produkten kräver separat sophämtning inom Europeiska unionen. Detta gäller produkten och alla tillbehör som är märkta med denna symbol. Produkter markerade som sådan maj inte vara kasserad med normal inhemsk avfall, men måste vara tagen till en samling punkt för återvinning elektrisk och elektronisk enheter

- Produkten uppfyller relevanta standarder och föreskrifter. Installationen av denna enhet måste uppfylla alla tillämpliga föreskrifter och den bör endast användas i välventilerade utrymmen. Läs användarmanualen innan du installerar och använder denna utrustning.
- Denna apparat är inte avsedd att användas av personer (inklusive barn) med nedsatt fysisk, sensorisk eller mental förmåga, eller bristande erfarenhet och kunskap, såvida de inte har övervakats eller fått instruktioner om användningen av apparaten av en person som ansvarar för deras säkerhet. Barn får inte leka med apparaten. Denna apparat får inte användas av barn. Förvara apparaten och dess sladd utom räckhåll för barn.
- Använd produkten enligt avsett ändamål. Varna för potentiella skador vid felaktig användning.
- Stäng av apparaten och koppla bort den från strömmen innan du byter tillbehör eller närmar dig delar som rör sig under användning. Koppla alltid bort apparaten från strömmen om den lämnas utan uppsikt och innan montering, demontering eller rengöring av strömförsörjningens art> <strömförsörjningens ström>
- För att säkerställa dricksvattenhygien, tvätta händerna noggrant och rengör och desinficera relevanta delar före installation, underhåll eller kontakt med interna komponenter.
- Vid första användningen eller omstart efter långtidsförvaring, spola systemet tillräckligt för att avlägsna främmande föremål och lukt innan det tas i bruk.
- Elanslutning måste utföras av en kvalificerad elektriker med tillförlitlig jordning. Rör inte strömkontakten eller anslutningarna med våta händer för att undvika elektriska stötar.
- Kör inte pumpen torr utan vatten, det kan orsaka skador på tätningarna, överhettning och brandrisk.
- Installera borta från värmekällor, öppna låga och frätande gaser, undvik direkt solljus och regn för att förhindra åldring, elläckage och vattenkontaminering.
- Pump och motor kan bli varma under drift. Rör inte för att undvika brännskador.
- Håll barn borta från enheten för att undvika drunkning, elektriska stötar och mekaniska skador.
- Demontera eller modifiera inte säkerhetsanordningar eller pumpstrukturen utan tillstånd, för att undvika läckage, funktionsfel eller elektriska stötar.
- Innan service, flytt eller rengöring, koppla ifrån strömmen och töm restvatten för att förhindra oavsiktlig start och vattenstänkskador.
- Om onormalt ljud, vibrationer, läckage, överhettning eller lukt uppstår, stoppa pumpen omedelbart och felsök innan den används igen.
- Inloppsroret måste vara väl tätat för att undvika luftintag och utebliven fyllning, samt för att förhindra att externa föroreningar förorenar vattenkällan.
- Inspektera och underhåll pumpen och rören regelbundet för att hålla dem rena och förhindra bakterie- eller algutväxt som påverkar dricksvattnets kvalitet.
- Denna produkt är endast avsedd för vanliga dricksvattensystem för hushåll. Inte för medicinska, livsmedelsbearbetnings- eller andra speciella hygienapplikationer om inte specifikt markerat som

lämpligt.

Installation & Maintenance Manual

12/24V Diaphragm Pump:

For use with agricultural pesticides(Viton only), clean water and other liquids.

This pump is recommended for use in spraying non-flammable liquid such as pesticides(Viton only), water for plans/trees or dust control, ice control chemicals or water-based non-flammable sealants or stains for outdoor wood surfaces. However, we recommend that the pump not be used for other purposes once it has been used for spraying pesticides,Any chemical will leave some residual in the pump, even after the pump has been properly cleaned. These residual chemical can have unexpected effects on future uses.

INSTALLATION

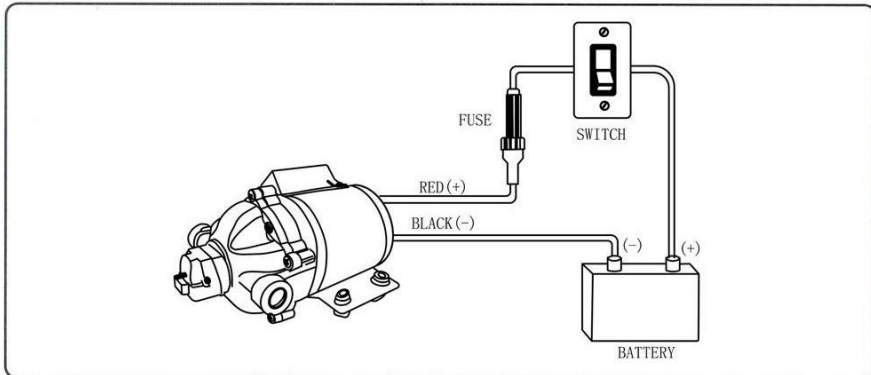
Step One:Mounting

- *The pump should be located in an area that is dry and provides adequate ventilation.
- *The pump is self-priming, it may be mounted in any position.However,if mounting the pump vertically the pump head should be in the down position so that in the unlikely event of a leak,fluid will not enter the motor.
- *Secure the feet with appropriate fasteners. DO NOT Compress the feet,doing so will reduce their ability to isolate vibration/noise.

Step Two: Plumbing

- *Recommend to use 1/2" plastic male fittings to connect flexible high-pressure tubing to the pump.
- *In some cases, the ports may require a suitable thread sealer applied sparingly. DO NOT over-tighten, maximum torque is 45 in/lb [5 N-m].
- *Tubing should be compatible with the spraying fluid. At least 18" [450mm] length is suggested to minimize stress on the fitting/ports and reduce noise. Allow for the shortest possible tubing route and avoid sharp bends that may kink over time.
- *Strainer should be attached to the inlet side to prevent foreign debris from entering the system.
- *If a check valve is installed in the plumbing,it must have a cracking pressure of no more than 2psi(0.14bar).

Step Three: Connect pump to battery or 12V/24V supply



WIRING

STEP 1

Use 12 gauge stranded wire to 20', 10 gauge to 50'from power source.

STEP 2

Use a 20-30A rated (lighted) on-off switch on the (+) positive (red) motor lead.

STEP 3

Install 30 amp fuse protection in the positive switched lead for the HY70601T models,use a 15 amp fuse for the HY70602T

Step Four: Check and test completed assembly.

1. Check assembly	Check assembly to assure the pump is properly assembled and in safe working condition:
2. Test with water	Test the system for leaks with water: a) Fill the tank with water. b) The pump is an "on demand" pump. When turned on, the pump will prime itself, then turn off once reaching pressure. When the flow continues, the pump will automatically re-start. c) Check for leaks throughout the system. If a leak is detected, fix the leak and re-test the system with water.

Demand Operation(intermittent duty)

"Intermittent Duty" is defined as: operated and/or frequently started within a period of time that would cause the motor to reach its maximum thermal limit. Once the maximum thermal limit is obtained the motor must be allowed to return to ambient temperature before resuming operation.



WARNING



CAUTION: DO NOT use to pump flammable liquids. Never operate the pump in an explosive environment. Arcing from the motor brushes, switch or excessive heat from an improperly cycled motor may cause an explosion.

CAUTION: DO NOT assume fluid compatibility.If the fluid is improperly matched to the pumps' elastomer, a leak may occur. Pumps used to transfer hazardous or hot(Max. Temperature 149°F [65°C] Viton only) chemicals must be in a vented area to guard against the possibility of injury due to harmful or explosive liquid/vapors.

TROUBLE SHOOTING

WARNING: BEFORE SERVICING PUMP,CLOSE SEA COCK, TURN OFF POWER AND DRAIn WATER FROM HOSES!!

Failure to Prime -Motor operates,but no pump discharge

- Restricted intake or discharge line
- Air leak in intake line
- Debris in pump
- Punctured pump diaphragm (pump leaks)
- Crack in pump housing

Motor fails to turn on

- Blown fuse
- Pump circuit has no power
- Loose wiring connection
- Defective motor

Pump Fails to Turn off after all fixtures are closed

- Punctured diaphragm
- Discharge line leak
- Defective pressure switch
- Insufficient voltage
- Clogged valves in pump head

Low Flow and Pressure

- Air leak at pump intake
- Accumulation of debris inside pump and plumbing
- Worn pump bearing(excessive noise)
- Punctured pump diaphragm(punop leaks)
- Defective motor

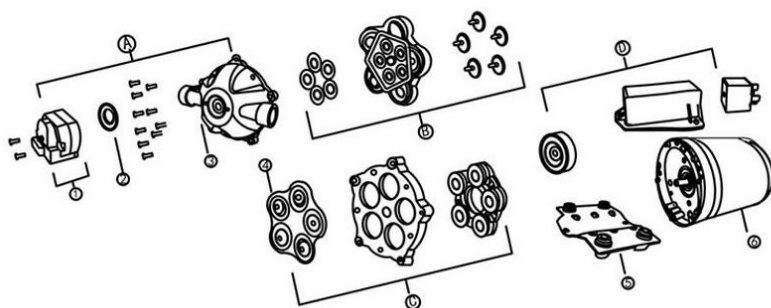
Pulsating Flow

- Restracted pump delivery.Check discharge lines,fittings and valves for clogging or undersizing.

Noisy

- Check if the mounting feet are compressed too tightly
- Is the mounting surface flexible?If so,it maybe adding noise
- Check for loose head/screws.
- If the pump is plumbed with rigid pipe,it may transmit noise more easily

REPAIRE KITS



Key	Description	Quantity
A	Pump Head Assembly	1
B	Valve Assembly	1
C	Diaphragm Assembly	1
D	Motor Assembly	1
1	Pressure Switch	1
2	Diaphragm of Pressure Switch	1
3	Pump Head	1
4	Diaphragm	1
5	Iron Baste Plate	1
6	Motor	1

ACCESSORIES



STRAINERS

Inlet	Outlet	Screen
1/2" female thread	1/2" male thread	40 Mesh



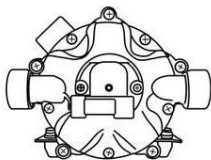
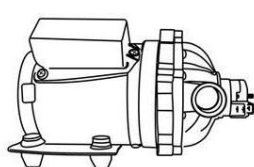
FEATURES

- Self-Priming
- Soft, Noise Absorbing Mounts
- Corrosion Resistant Materials
- with Thermal Overload Protection

SPECIFICATIONS

Motor : Permanent Magnet, Ball Bearings on both Front and Rear Endbells. CE Models are fully suppressed.

Pump : Five chamber positive displacement diaphragm design; Self-priming up to 6 ft. suction lift; Pump able to run dry without damage; Removable port to hose connectors.



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