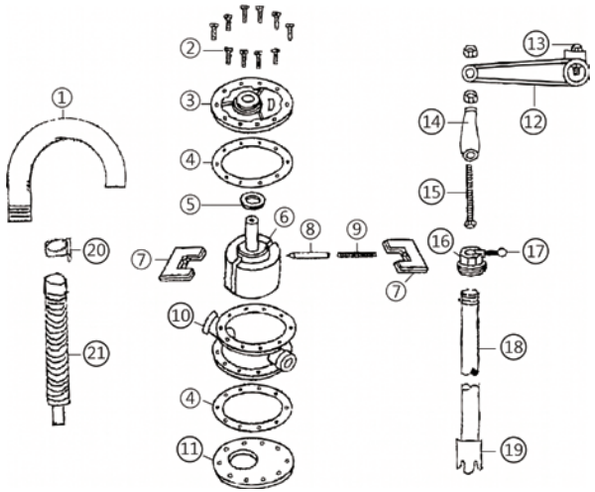
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INSTRUCTIONS FOR :
MANUAL ROTARY DRUM PUMP
MODEL NO. A11712 (ALUMINUM)
MODEL NO. A11715 (STAINLESS STEEL)

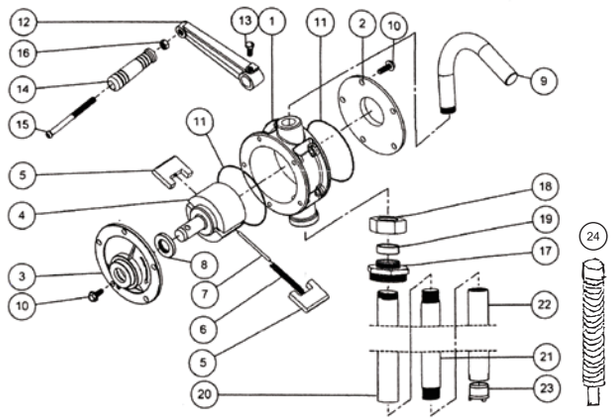
Parts List (A11712) - Aluminum



Index No.	Parts No.	Q'ty Req	Description
1	A11712-1	1	Discharge Spout
2	A11712-2	10	Nut
3	A11712-3	1	Front Casing
4	A11712-4	2	Gasket
5	A11712-5	1	Oil Seal
6	A11712-6	1	Rotor
7	A11712-7	2	Vane
8	A11712-8	1	Spring Shaft
9	A11712-9	1	Vane Spring
10	A11712-10	1	Cylinder
11	A11712-11	1	Rear Casing
12	A11712-12	1	Crank Arm
13	A11712-13	1	Set Screw
14	A11712-14	1	Handle
15	A11712-15	1	Handle Shaft
16	A11712-16	1	Bung Adapter
17	A11712-17	1	Locking nut
18	A11712-18	1	Suction Tube
19	A11712-19	1	Strainer
20	A11712-20	1	Clamp
21	A11712-21	1	Hose

Parts List (A11715) - Stainless Steel

Index No.	Parts No.	Q'ty Req	Description
1	A11715-1	1	Pump Body
2	A11715-2	1	Rear Cover
3	A11715-3	1	Front Cover
4	A11715-4	1	Rotor
5	A11715-5	2	Vane
6	A11715-6	1	Spring
7	A11715-7	1	Spring Rod
8	A11715-8	1	Lip Seal
9	A11715-9	1	Discharge Spout
10	A11715-10	10	Cap Screw
11	A11715-11	2	O-Ring
12	A11715-12	1	Crank Arm
13	A11715-13	1	Set Screw
14	A11715-14	1	Handle
15	A11715-15	1	Handle Shaft
16	A11715-16	1	Hex Nut
17	A11715-17	1	Bung Adapter
18	A11715-18	1	Fixed Nut
19	A11715-19	1	Fixed Ring



20	A11715-20	1	Suction Tube
21	A11715-21	1	Suction Tube
22	A11715-22	1	Suction Tube
23	A11715-23	1	Suction Filter
24	A11715-24	1	Hose

NOTE: It is our duty to keep improving products and we reserve the right to modify contents, specifications and parts without prior advice.
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Manual Rotary Drum Pump



MODEL NO. A11712
(ALUMINUM)



MODEL NO. A11715
(STAINLESS STEEL)

Safety Instruction (安全規範 / 安全上のご注意)

Please follow all workshop safety rules, regulations, and conditions as below when using our air tools
下記の注意事項をよくお読みのうえ正しくお使いください。

- **ALWAYS** inspect the tool and parts before use, replacing all the defective parts. Defective parts may create a danger. Unauthorized components may also cause a malfunction and will invalidate the warranty.
- **WARNING!** Use of incorrect size or type of attachments suitable for our tools may cause a hazard or a unstable working environment. Please choose correct size or type of attachments before using.
- **WARNING!** Applying too much force to the tool or parts may lead to lack of control. Increased vibration, or failure of components, which may cause injury.
- **DO NOT** use the tool if any part is missed or damaged because it may cause a malfunction or personal injury.
- 使用前檢視工具零件是否毀損，務必更換。使用未經授權非此款工具的原廠零件，可能造成無法運作，不列入保固範圍。使用不符合或不正確尺寸型號的非此款工具所附的配件，可能會造成危險。操作時若過度用力，或零件遺失或毀損時仍使用此工具，可能造成傷害。
- ご使用の前に、アタッチメント、ホース等に破損がないかをご確認ください。
- 非純正部品の使用による損壊は保証の対象外となります。
- 使用時に過大な力を加えると製品の破損や使用者の怪我の原因となります。能力以上の負荷がかからないようご注意ください。
- 部品の欠品や破損な状態で使用しないでください。使用者の怪我の原因となります。

- **ALWAYS** wear correct personal protective accoutrements: like glasses, gloves, mask, hard helmet, ear plugs, shoes or boots when operating air tools.
- **ALWAYS** keep hands/body clear of working parts, remove unnecessary ill-fitting clothing; for example, ties, rings, watches, other loose jewelry etc. or with long hair.
- **ALWAYS** ensure work area provides with firm footings. Cluttered and slippery workplace may cause slipping or tripping and weaken visibility.
- **ALWAYS** keep children and unauthorized persons away from the workplace.
- **ALWAYS** ensure that the workplace is suitable with enough lighting and ventilation and keep it away from unnecessary or any dangerous materials.
- **ALWAYS** place the tool in a safe, dry and childproof location. DO NOT leave the tool unattended.
- **DO NOT** operate the tool when you are fatigued or under the influence of alcohol, medication or drugs. Injury or death may occur.
- 務必穿戴保護配件並卸除身體與手部的不必要首飾配件。潮濕的場所可能導致滑倒，務必穿上止滑鞋。操作場所務必保持整潔。請勿讓孩童或未經授權使用的人員靠近操作場所。務必確認操作環境提供足夠燈光與空氣流通。工具使用後務必妥善保存。處於疲累狀態，或服用含酒精飲料、藥物，切勿操作。
- 保護メガネ・手袋・安全靴・防音などの保護具を必ず着用してください。
- 作業時には、アクセサリーやネクタイなどの必要ではないものをなるべく着用しないでください。
- 作業場所の換気と照明、地面の清潔を確保してください。
- 使用中は子供や第三者を作業場に近づけないでください。
- 作業場所付近には可燃性や危険性のあるものを置かないでください。
- 使用後に本製品を子供の手の届かない所に置いてください。
- 飲酒後、薬の服用中、疲れた時には本製品を操作しないでください。

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INSTRUCTIONS FOR :
MANUAL ROTARY DRUM PUMP
MODEL NO. A11712 (ALUMINUM)
MODEL NO. A11715 (STAINLESS STEEL)



Specifications (Item A11712)

Pump Type	Rotary - Vane
Flow	9.5 oz / stroke
Max. Fluid Temperature	194°F / 90°C
Bung Adapter	2 inch male
Suction Tube Length	43 inch maximum
Inlet	1-1/4 inch O.D.
Outlet	1 inch O.D. curved spout
Wetted Parts Material	Aluminum Alloy, PPS, NBR
Maximum Viscosity	ISO VG 100
幫浦型式	旋轉葉片式
流量	每轉280ml
最高液體溫度	90°C
桶蓋轉接頭	2 英吋外牙
抽油管長度	最長 43 英吋 (110cm)
進油口	外徑 1-1/4 英吋 (3.1cm)
出油口	外徑 1 英吋彎管 (2.5cm)
液體流經部位材質	Aluminum Alloy, PPS, NBR
最大黏度	ISO VG 100

Features / 產品特色

- **Aluminum Pump – Ideal for transferring non-corrosive, low-volatile fluids, and fluids with light to medium viscosity**, such as diesel fuel, kerosene, lubricant, thinners, transmission fluid, machine oils, motor oils, etc.
- Supply with Suction Filter to stainer the dirt and ensure pump life.
- The self-priming unit dispenses approximately 9.5 oz per stroke.
- Supply with 2" bung adapter and a 3-piece stainless steel suction tube to fit most 15-, 30-and 55-gallon drums.

- **鋁製幫浦 — 適用於輸送非腐蝕性、低揮發性、中低黏度的流體**，
例如柴油、煤油、潤滑油、稀釋劑、變速箱油、機油、引擎油等。
- **隨附吸口濾網，可過濾雜質，有助於延長幫浦使用壽命。**
- **自吸式設計，每轉可抽出約280ml。**
- **隨附2吋桶蓋轉接頭，以及三段式不鏽鋼吸管，適用於大多數15加侖、30加侖及55加侖的桶裝容器。**

- **鋁製幫浦 — 適用於輸送非腐蝕性、低揮發性、中低黏度的流體**，
例如柴油、煤油、潤滑油、稀釋劑、變速箱油、機油、引擎油等。
- **隨附吸口濾網，可過濾雜質，有助於延長幫浦使用壽命。**
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INSTRUCTIONS FOR :
MANUAL ROTARY DRUM PUMP
MODEL NO. A11712 (ALUMINUM)
MODEL NO. A11715 (STAINLESS STEEL)



Specifications (Item A11715)

Pump Type	Rotary - Vane
Flow	12 oz / stroke
Max. Fluid Temperature	130°F / 54°C
Bung Adapter	2 inch male
Suction Tube Length	40 inch maximum
Inlet	1-1/4 inch O.D.
Outlet	1 inch O.D. curved spout
Wetted Parts Material	304SS, PVDF, PTFE
Maximum Viscosity	2000 SSU
幫浦型式	旋轉葉片式
流量	每轉350ml
最高液體溫度	54°C
桶蓋轉接頭	2 英吋外牙
抽油管長度	最長 40 英吋 (101cm)
進油口	外徑 1-1/4 英吋 (3.1cm)
出油口	外徑 1 英吋彎管 (2.5cm)
液體流經部位材質	304SS, PVDF, PTFE
最大黏度	2000 SSU

Features / 產品特色

- **Stainless Steel Pump – Ideal for transferring soluble, corrosive, volatile and aggressive chemicals**, such as esters, ketones, alcohols, bases, alkali, acids, hydrocarbons, chlorinated hydrocarbons and water-based liquids which are compatible with pump component materials.
- **Also suitable for transferring petroleum-based fluids of light to medium viscosity,** such as automotive additives, diesel, lube oils, kerosene, solvents, thinners, benzene, cleaning solutions, fuels oils, transmission fluid, machine oils, motor oils, etc.
- Supply with Suction Filter to stainer the dirt and ensure pump life.
- The self-priming unit dispenses approximately 12 oz per stroke.
- Supply with 2" bung adapter and a 3-piece stainless steel suction tube to fit most 15-, 30-and 55-gallon drums.

- **不鏽鋼幫浦 — 適用於輸送可溶性、腐蝕性、揮發性及具強烈侵蝕性的化學品**，例如酯類、酮類、醇類、鹼液、鹼類、酸類、碳氫化合物、氯化碳氫化合物，以及與幫浦零件材質相容的水基液體。
- **亦適用於輸送中低黏度的石油基流體**，例如汽車添加劑、柴油、潤滑油、煤油、溶劑、稀釋劑、苯、清潔劑、燃料油、變速箱油、機油、引擎油等。
- **隨附吸口濾網，可過濾雜質，有助於延長幫浦使用壽命。**
- **自吸式設計，每轉可抽出約350ml。**
- **隨附2吋桶蓋轉接頭，以及三段式不鏽鋼吸管，適用於大多數15加侖、30加侖及55加侖的桶裝容器。**

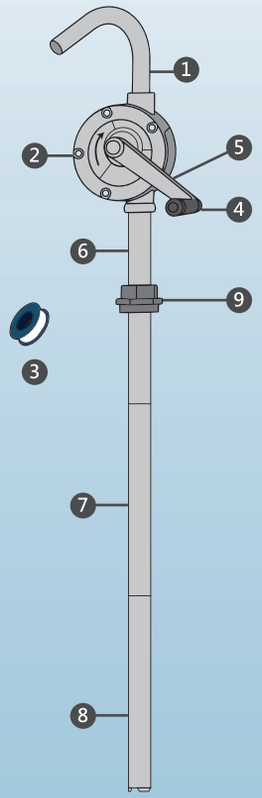
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INSTRUCTIONS FOR :
MANUAL ROTARY DRUM PUMP
MODEL NO. A11712 (ALUMINUM)
MODEL NO. A11715 (STAINLESS STEEL)



Assembly & Installation / 組裝與安裝

1. Check if all parts are included.
2. Screw discharge spout (No.1) into pump body (No.2) outlet after using PTFE sealant tape (No.3) onto the thread of spout. Do not use pipe sealant nor glue.
3. Screw handle (No.4) to crank arm (No.5) by using the hex nut supplied. Then insert crank arm assembly onto pump shaft, take care to align set screw to indent in rotor on the pump body.
4. In order to avoid leakage, please use PTFE tape provided to seal the threaded joints of the suction tubes (No.6+7+8). Insert the bung adapter (No.9) into suction tube (No.6) and screw suction tube (No.6) into pump body inlet. Assemble the suction tubes together.
5. Insert the whole pump into the drum to the desired depth, and then tighten bung adapter. Be sure the suction tube assembly stands firmly and is not blocked.

1. **檢查所有零件是否齊全。**
2. **將出油彎管(編號1)鎖上幫浦本體(編號2)的上端出油口，鎖入前請先於噴嘴螺紋處纏繞所附PTFE止洩帶(編號3)。請勿使用管用膠泥或膠水。**
3. **將手把(編號4)鎖固於曲柄臂(編號5)上。鎖固時請固定手把軸避免轉動，並將六角螺帽鎖緊頂住曲柄臂。接著將曲柄臂組件插入幫浦軸，並注意將定位螺絲對準轉軸的凹槽。**
4. **為避免洩漏，請使用所附止漏帶密封鋁抽油管(編號6+7+8)之螺紋接合處。將桶蓋轉接頭(編號9)裝入鋁抽油管(編號6)，再將鋁抽油管(編號6)鎖入幫浦本體的下端進油口，接著依序將鋁抽油管(編號6+7+8)組裝起來。**
5. **將整組幫浦組件插入桶內至所需深度，再鎖緊桶蓋轉接頭。請確認鋁管組件穩固站立且未受阻塞。**

1. 檢查所有零件是否齊全。
2. 將出油彎管(編號1)鎖上幫浦本體(編號2)的上端出油口，鎖入前請先於噴嘴螺紋處纏繞所附PTFE止洩帶(編號3)。請勿使用管用膠泥或膠水。
3. 將手把(編號4)鎖固於曲柄臂(編號5)上。鎖固時請固定手把軸避免轉動，並將六角螺帽鎖緊頂住曲柄臂。接著將曲柄臂組件插入幫浦軸，並注意將定位螺絲對準轉軸的凹槽。
4. 為避免洩漏，請使用所附止漏帶密封鋁抽油管(編號6+7+8)之螺紋接合處。將桶蓋轉接頭(編號9)裝入鋁抽油管(編號6)，再將鋁抽油管(編號6)鎖入幫浦本體的下端進油口，接著依序將鋁抽油管(編號6+7+8)組裝起來。
5. 將整組幫浦組件插入桶內至所需深度，再鎖緊桶蓋轉接頭。請確認鋁管組件穩固站立且未受阻塞。

Safety & Warnings / 安全資訊

- Always carefully read, thoroughly understand and follow the pump operating instructions. Use this pump correctly and with care for the intended purpose. Failure to obey may cause damage or body injury, and will invalidate the warranty. Retain instructions for future reference.
- Prior to use, always carefully and thoroughly read and understand the OSHA information contained in the Safety Data Sheet supplied for the chemical which is to be pumped.
- Wear protective clothing (goggles, face masks, long sleeves, long pants, gloves, aprons, etc.) as set forth in the OSHA Safety Data Sheet when pumping any hazardous chemicals.
- When pumping flammable liquids, pump containers should be grounded to avoid static electricity.
- Any pump used for transferring flammable or volatile fluids must be stored in a ventilated area after use.
- Prior to use, inspect your pump thoroughly by verifying its proper assembly.
- If pump is removed from drum, it should be thoroughly rinsed in a liquid that is compatible with both the pump and fluid.

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INSTRUCTIONS FOR :
MANUAL ROTARY DRUM PUMP
MODEL NO. A11712 (ALUMINUM)
MODEL NO. A11715 (STAINLESS STEEL)

Operation / 操作方式

1. To begin to pump, rotate handle clockwise several times making complete revolutions until fluid begins to flow. Several revolutions will be made with no fluid dispensed as pump needs to prime. Once primed, fluid flow begins as handle is rotated.
2. For siphoning or draining fluid back into drum, place handle in the straight down position.
3. To stop siphoning and maintain suction or prime, leave handle in horizontal position.
4. If corrosion builds up in pump due to lack of use or fluid being pumped, adding penetrating oil into the pump inlet may help free pump. Remove pump from application, add penetrating oil, let soak, and crank several times.
5. Regularly check pump and suction tubes for leakage. Leakage in the suction line or in pump housing will cause inefficient pumping and loss of prime.

1. **開始抽送時，將手把順時針方向旋轉數圈，直到液體開始流出為止。幫浦需要引流(起壓)，前幾圈可能不會有液體排出；一旦引流完成，轉動手把即會有液體持續流出。**
2. **若需將液體虹吸或排回原桶內，請將手把置於垂直向下位置。**
3. **若要停止虹吸並維持吸力或保壓狀態，請將手把維持於水平位置。**
4. **若幫浦因長期未使用或因輸送液體而產生鏽蝕，可於幫浦進油處加入滲透油幫助鬆脫。做法為：將幫浦自使用場所取出，加入滲透油靜置浸潤後，再轉動手把數次。**
5. **請定期檢查幫浦及抽油管是否有洩漏情形。抽油管或幫浦殼體洩漏將導致抽送效率降低及失壓(喪失引流狀態)。**

1. 開始抽送時，將手把順時針方向旋轉數圈，直到液體開始流出為止。幫浦需要引流(起壓)，前幾圈可能不會有液體排出；一旦引流完成，轉動手把即會有液體持續流出。
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4. 若幫浦因長期未使用或因輸送液體而產生鏽蝕，可於幫浦進油處加入滲透油幫助鬆脫。做法為：將幫浦自使用場所取出，加入滲透油靜置浸潤後，再轉動手把數次。
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W/ PE Delivery Hose
附專用PE彈性軟管
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Length : 57" / 145cm

Safety & Warnings / 安全資訊

- 務必詳讀並確實理解本幫浦操作說明，並依正確方式使用。未遵守說明可能造成設備損壞或人身傷害，並將使保固失效。
- 使用前務必詳讀並確實理解所輸送化學品的安全資料表（SDS）中所載OSHA相關資訊。
- 輸送危險化學品時，應依OSHA安全資料表規定穿戴防護裝備（護目鏡、防護面罩、長袖衣物、手套、圍裙等）。
- 輸送易燃液體時，容器應接地，以避免靜電產生；用於輸送易燃液體之幫浦，使用後須存放於通風良好處。
- 使用前請確實檢查幫浦組裝是否正確。
- 若幫浦自桶內取出，應以與幫浦及流體皆相容之液體徹底沖洗。

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