



特點

- 特別適用於電鍍液、化學液、純水循環過濾等用途。
- 採用無軸封磁力泵，確保無洩漏。
- 濾心式設計，高精度過濾，過濾面積廣，效率高，操作簡便、清洗容易，成本低。
- 過濾筒主體採用GF-PP材料制成。

FEATURES

- Especially suitable for plating solution, chemical liquid, pure water circulation filter purposes.
- Without the magnetic pump shaft seal, ensure no leakage.
- Filter heart type design, precision filtration, filtering area wide, high efficiency, simple operation, easy to clean, low cost.
- Filter cartridges subject using GF-PP material is made.



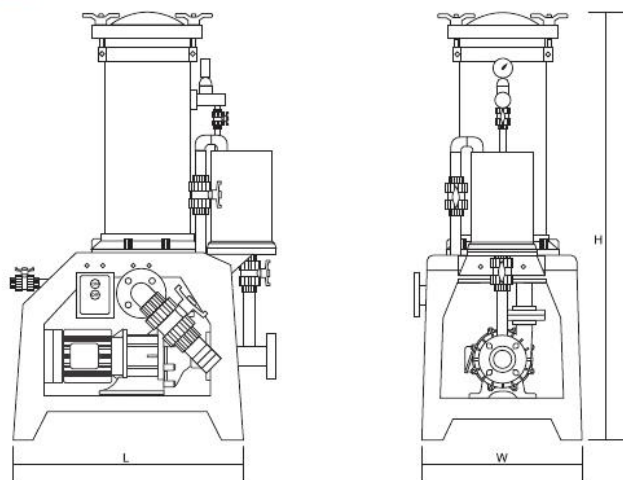
型號意義

MODEL EXPLANATION

TFX-2006-P-F-N-B

① ② ③ ④ ⑤ ⑥

- ①：機型型號 Model
- ②：2006濾心數量20"×6支 Filter element quantity 20"×6pc
- ③：P：泵體材質 GF-PP Pump material GF-PP
- ④：F：出入口法蘭式 Flange type outlet/inlet
U：出入口由任式 Union type outlet/inlet
- ⑤：N：密封橡膠NBR Seal rubber NBR
V：密封橡膠VITON Seal rubber VITON
- ⑥：B：濾心螺帽式 Filter element nut type



性能參數

PERFORMANCE PARAMETERS

型號 MODEL	TFX-1001	TFX-2001	TFX-1002	TFX-2002	TFX-1004	TFX-2004	TFX-2006	TFX-2008	TFX-2012	TFX-2018	TFX-3018
溫度範圍 TEMPERATURE	70	70	70	70	70	70	70	70	70	70	70
濾筒 FILTERING CARTRIDGE	PP濾筒										
馬達 POWER	50Hz (W)	45	65	65	150	150	260	400	750	750	1500
過濾量 FILTRATION CAPACITY (L/min)		20	30	30	60	60	80	200	280	300	335
濾心數 (支) FILTER ELEMENT QUANTITY (PC)		10"×1	20"×1	10"×2	20"×2	10"×4	20"×4	20"×6	20"×8	20"×12	20"×18
出入口徑 OUTLET INLET DIMENSIONS (INCH)		1/2"	1/2"	1/2"	1/2"	1"	1"	1 1/2"	1 1/2"	1 1/2"	2"
外型尺寸 OVERALL DIMENSIONS	長 L (mm)	396	396	396	575	575	575	730	730	825	825
	寬 W (mm)	295	295	295	365	365	365	455	455	540	585
	高 H (mm)	735	1060	735	1060	800	1065	1450	1450	1500	1500
機體重量 WEIGHT (kg)		16	18	16	31	16	31	75	82	99	118

自吸式化學藥液過濾機

OF SELF-SUCTION CHEMICAL SOLUTION FILTER

化學藥液過濾機

CHEMICAL LIQUID MEDICINE FILTER



特點

- 過濾機主體彩用GF-PP材料射出成型，具有耐高溫、耐酸鹼等特性。
- 安全閉裝置，當馬達過載或單相運轉時，安全閉關自動切斷電源。
- 零件100%互換，更換容易。
- 高精度過濾，過濾面積廣、效率高、操作簡便、清洗容易。
- 加裝自清循環回路，活性炭處理裝置，操作簡便。

FEATURES

- Main body colour filter with GF-PP material injection molding, good resistance to high temperature, acid and alkali resistant characteristics.
- Safety drive device that, when the motor overload or single phase operation, safety switch to automatically shut off the power supply.
- 100% interchangeable parts, easy replacement.
- High precision filtration, filtering area wide, high efficiency, simple operation, easy to clean.
- Since the qing circuit, active carbon processing device, easy operation.



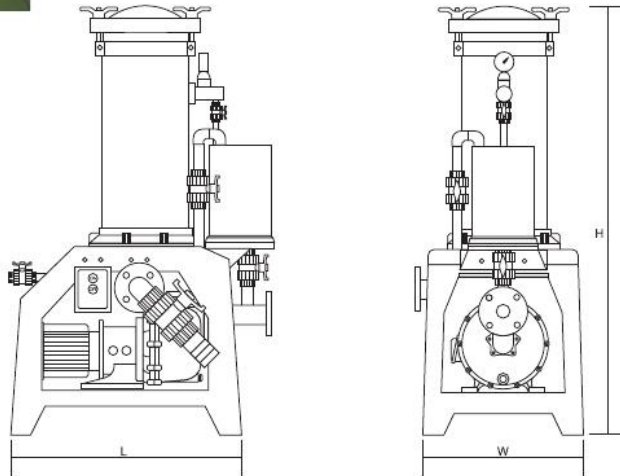
型號意義

MODEL EXPLANATION

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化學藥液過濾機

CHEMICAL LIQUID MEDICINE FILTER



性能參數

PERFORMANCE PARAMETERS

型號 MODEL	TFL-2006	TFL-2008	TFL-2012	TFL-2018	TFL-3018	
溫度範圍 TEMPERATURE	PP濾筒 FILTERING CARTRIDGE	70	70	70	70	
馬達 POWER	50Hz (W)	750	750	1500	2200	3700
過濾量 FILTRATION CAPACITY (L/min)		170	185	240	320	520
濾心數 (支) FILTER ELEMENT QUANTITY (PC)		20"×6	20"×8	20"×12	20"×18	30"×18
出入口徑 OUTLET INLET DIMENSIONS (INCH)		1½"	1½"	1½"	2"	2½"
外型尺寸 OVERALL DIMENSIONS	長 L (mm)	730	730	825	825	825
	寬 W (mm)	455	455	540	585	585
	高 H (mm)	1450	1450	1500	1500	1760
機體重量 WEIGHT (kg)		80	82	103	121	135

安裝注意事項

Installation Note

化學藥液過濾機

CHEMICAL LIQUID MEDICINE FILTER



安裝注意事項

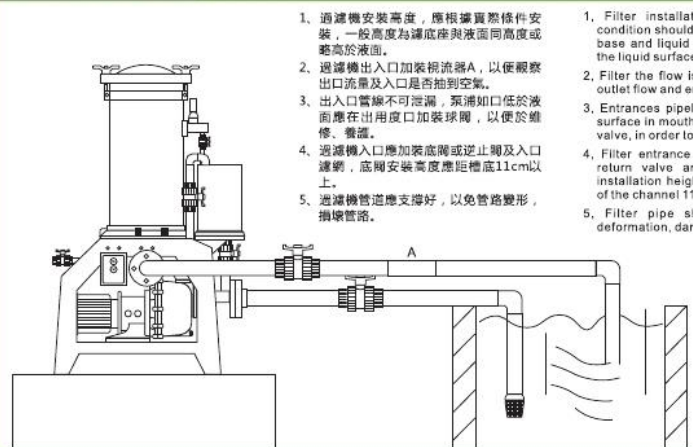
1. 過濾機管路安裝應以過濾機出入口徑相應尺寸的管徑安裝。連接部分不可洩漏，管路安裝完畢應將管路固定支撐好。
2. 入口配管盡量縮短距離，入口管路末端必須加裝底閥或逆止閥及入口濾網，底閥安裝高度應距槽底11cm以上，並遠離空氣攪拌管。
3. 過濾機大部分材料為GF-PP材質，為防止日光曝曬，請盡量安置在室內，如若安裝於室外，應安裝於遮陽棚內。
4. 不同之化學藥液在不同的溫度下，使用配管應注意選擇不同材質的管件，如PP管件適用於70°C以下的化學藥液。
5. 為防止人為因素汙染藥液，配管時應盡量選用乾淨整潔的材料，必要時請將管路清洗乾淨。
6. 用軟質材料配管時，最好選用內襯鋼絲的軟管，槽內部分應用硬質材料且固定於槽邊緣，以免刮起，造成空轉損壞泵浦。
7. 過濾機應安裝在堅固的水平地面上，且機身保持與地面垂直，並加以固定。
8. 過濾機安裝高度因地置宜，但安裝高度最好是選擇濾桶底部平面不要過低於藥槽，且盡量在出入口安裝球閥開關，以便於檢查、維修。
9. 過濾機在出廠前已經過嚴格的檢測，所有附屬配件皆與過濾機配套，請勿擅自更改。
10. 過濾機使用電壓，在過濾機電磁開關蓋上已有標示，如若更改，須與供應商或直接與我公司聯繫。

INSTALLATION NOTE

1. Filter pipe installation should be to filter out the size of the corresponding pipe installation caliber. The connection leak, pipe installation ends shall be fixed support of the pipeline.
2. Entrance piping try to shorten the distance, the entry line terminal must add bottom valve or non-return valve and entrance mesh, bottom valve installation height should be apart from the bottom of the channel 11 cm above, and stay away from the air mixing tube.
3. Filter most materials for GF-PP material, to prevent sunlight insolate, please try to put in indoor, if installed on the outside, should be installed in the midst.
4. Different chemical solution in different temperature, the use of piping should pay attention to choose different material pipe and pipe fittings apply to such as PP 70 °C the following chemical solution.
5. To prevent human factors pollution solution, piping should choose the material as far as possible clean and tidy and, when necessary, please clean the pipeline.
6. With soft material, piping, had better choose lining hose wire, groove in application of hard material and fixed in the edge slot, lest tilted and cause damage idling pump.
7. Filter machine should be installed in the strong level the ground, and keep the fuselage with ground vertical, and be fixed.
8. Filter installation height because buy appropriate, but the installation height had better be to choose the bottom plane don't filter barrels below medicine slot, and as far as possible in inward and outward installation ball valve switch in order to inspect and repair.
9. Filter in before they leave the factory has been strict test, all parts are affiliated with filtering machine form a complete set, please do not change without permission.
10. Filter machine use voltage, in the filter mechanical and electrical magnetic switch cover existing markings on, if change, must be the supplier or direct contact with me.

安裝圖例

INSTALLATION ILLUSTRATIONS



1. 過濾機安裝高度，應根據實際條件安裝，一般高度為濾底處與液面同高度或略高於液面。
2. 過濾機出入口加裝視流器A，以便觀察出口流量及入口是否抽到空氣。
3. 出入口管線不可洩漏，泵浦如口低於液面應在出用皮口加裝球閥，以便於維修、替置。
4. 過濾機入口應加裝底閥或逆止閥及入口濾網，底閥安裝高度應距槽底11cm以上。
5. 過濾機管道應支撐好，以免管路變形，損壞管路。

1. Filter installation height, according to actual condition should be installed, general height of filter base and liquid surface with high or slightly above the liquid surface.
2. Filter the flow is on A gateway to see whether the outlet flow and entrance pumped to the air.
3. Entrances pipeline leak, pump as less than liquid surface in mouth should be spent out the mouth ball valve, in order to repair and maintenance.
4. Filter entrance should add bottom valve or non-return valve and entrance mesh, bottom valve installation height should be apart from the bottom of the channel 11 cm above.
5. Filter pipe should support better, lest pipe deformation, damaged pipeline.

使用注意事項

CAUTIONS

化學藥液過濾機

CHEMICAL LIQUID MEDICINE FILTER



使用注意事項

1. 在使用前請熟悉機器的操作，請認真閱讀操作說明書，內有詳細的說明供您了解過濾機的安装使用與維護。
2. 運作時請勿隨意改變藥液的使用，以避免不同的化學藥液混合造成過濾機的損壞，抽送藥水的化學性請在採購前與本公司聯繫，以配備相應的過濾機。
3. 過濾機的使用請嚴格遵守：勿超壓、空轉、化學性不配合，不同化學性互用以及不標準的零件的使用，以免產生危險。
4. 大部分藥液在電解時會有氫氣析出，過濾機長期不用時，請打開壓力排氣閥，以免氫氣聚集到一定程度，在特定條件下產生氫爆。
5. 在使用過濾機時，應經常檢查過濾狀況如：壓力，出口流量。如壓力表無壓力應停機檢查壓力表膜片內是否有水，壓力表是否損壞，泵浦管道是否損壞（開機前應嚴格檢查管路，出入口球閥是否開啟，空轉會損壞泵浦，長時間超壓工作會使過濾器產生爆裂的危害）。
6. 過濾機在工作時間內應有人維護，節假日及夜間無人操作時，請切斷電源，以免因造成損壞。
7. 過濾壓力請參照壓力表上的紅色指針，如壓力高於紅色指針，請立即清洗濾材，如濾材經使用一段時間，經清洗後裝機再用，壓力很快升到清洗前的壓力，說明濾材大部分毛孔已阻塞，再無使用價值，請更換濾材，同時使用藥液溫度不可高於70°C。

CAUTIONS

1. Before use please familiar with the operation of the machine, please read the operating instructions, with detailed instructions for you to understand filter installation using and maintenance.
2. Please do not change operation of the use of liquids, in order to avoid different chemical solution mixed cause the damage of the filter, pumping the liquid chemical please before purchasing contact with the company, with corresponding to the filter.
3. Filter use please strictly observe: do not exceed pressure, idling, chemical don't cooperate, different chemical each other to use and not the use of the standard parts, lest produce risk.
4. Most in electrolytic solution will there be hydrogen exhalation, filter long-term need not when, please open the pressure exhaust valve, in order to avoid the hydrogen gathered to a certain degree, in particular conditions produce hydrogen explosion.
5. In use filter unit, often should check the filter conditions such as pressure, outlet flow. Such as pressure gauge without pressure should be shut down in check pressure gauge diaphragm whether there is water, pressure gauges for damage and pump pipeline for damage (should be strict inspection before starting the pipeline, entrances ball valve is on, idling might damage the pumps, long time work will make super pressure filter generation blowout harm).
6. Filter in the work within the time someone maintenance, holiday and no one night when operating, please cut off power to avoid for losses.
7. Filter pressure gauges, please refer to the red pointer, such as pressure is higher than the red pointer, please immediately cleaning filter materials, such as filtration material by the use of a period of time, after cleaning the installed to use, and the pressure to clean up soon before the pressure, filtration material that most of the pore already jams, there is no use value, please replace filter material, use at the same time not higher than 70 °C temperature liquids.

保養與維修

MAINTENANCE AND REPAIR

1. 作業員一定要熟悉產品性能，懂修理技術的專業維修員。
2. 定期檢測泵浦有無洩漏，泵浦是否有異常。
3. 經常檢查出口流量是否正常，入口液位是否太低，會否抽到空氣。
4. 維修人員維修前應穿好防護衣褲，避免遭到傷害。
5. 維修前先切斷電源，再將泵浦出入口球閥關閉，將泵浦內藥液排放乾淨。
6. 拆卸泵浦時，葉輪固定螺絲以逆時針方向為緊，葉輪與中封蓋的間隙為3.5mm，太小會產生摩擦，葉輪與後封蓋的間隙也保持在3.5mm左右。
7. 組裝時，軸封陶瓷固定環與軸心在同一圓心上。
8. 在鎖緊後封蓋和主體螺絲時，不要用力過大，以免損壞泵浦。

1. The operator must be familiar with the product performance, understand the repair technology professional maintenance team.
2. Regular testing pump leaks, pumps are normal.
3. Often check export flow is normal, the entry level is too low, will you take to the air.
4. Maintenance personnel should wear protective clothing before maintenance socks, avoid are hurt.
5. Before maintenance cut off power supply, again will pump entrances ball valve closed, will pump discharge physic liquor in clean.
6. Remove the pumps, impeller to unscrew fixed to counterclockwise for light, the impeller and drawing the clearance of 3.5 mm, too small causes friction, impeller and drawing the clearance after also remained in the 3.5 mm or so.
7. Assembly, shaft seal ring and ceramic fixed axis in the same circle.
8. In lock block and main body after unscrew, don't greatly too forcibly, lest damage pump.