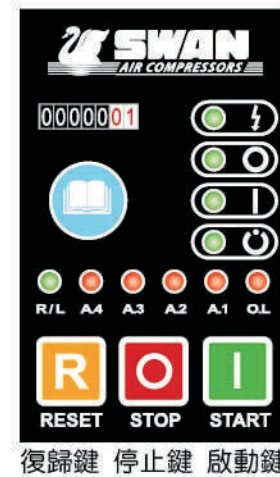


## Smart Controller

智慧型面板



**Power Indicator** 電源指示燈  
**Stop Indicator** 停止指示燈  
**Start Indicator** 運轉指示燈  
**Stand-by Indicator** 備機指示燈

**Overload Indicator**  
**O.L** 電流過負載指示燈  
**Low oil Pressure Indicator**  
**A.1** 失油保護指示燈  
**Remote-control Indicator**  
**R/L** 遠端操作指示燈

- The distinctive and high efficient design enable to eliminate wearing damages to all mechanical parts during ON/OFF and loading / unloading operations. 特殊的設計，在空車啟動與空車停機時降低磨擦阻力對機械的傷害。
- The user friendly control system can monitor exactly the running conditions of the remote compressors. 本機、遠端彈性化操控，選擇更人性化。
- Intelligent control system is able to self-adjust to execute automatic or semi-automatic control mode. 智慧型自動控制，可自動調節為全自動或半自動操作模式。
- Multiple protective system and intimate design to completely meet customers' requirements. 貼心設計，多重保護控制系統功能。
- Simple and visible indicator lights. 操控面板指示燈顯示運轉狀態。

## Compressed Air Cleaning System

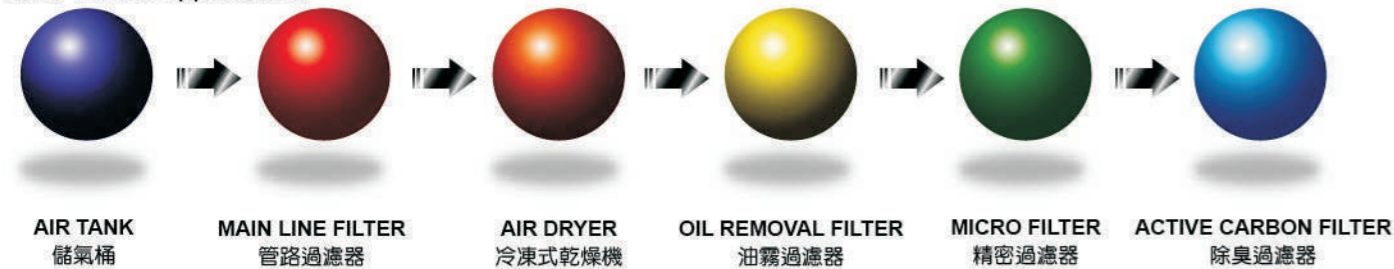
空氣清淨化系統

### Features

- Comprehensive range of filters to meet requirements from different industrial users.
- We supply different grade of air filtrating systems to meet various applications.

### 特點

- 配合不同工業用戶需求，提供各種樣式過濾器組合。
- 因應客戶不同的用途，不同的清淨化需求，提供不同等級的過濾系統。



## Recommended Air Filtration Combination 標準組合選配表

Model 型號 Item 項目	SVU-205	SVU-307	SVU-310	SVU-415	SVU-215	SVU-220	Model 型號	SDE-4E	SDE-8E	SDE-11E	SDE-15E
	SVP-205	SWP-307	SWP-310	SWP-415	SVP-215	SVP-220		Size 規格			
Main Line Filter 管路過濾器	---	---	---	ARF 15A	ARF 15A	ARF 15A	Flow Rate(m³/min) 處理量	0.6	1.2	1.6	2.4
Air Dryer 冷凍式乾燥機	SDE-4E	SDE-8E	SDE-8E	SDE-11E	SDE-11E	SDE-15E	Dew Point 出口露點	3~15°C			
Oil Removal Filter 油霧過濾器	ARB 04A	ARB 08A	ARB 08A	ARB 15A	ARB 15A	ARB 15A	Inlet Temp 入口溫度	Max.80°C			
Micro Filter 精密過濾器	ARA 04A	ARA 08A	ARA 08A	ARA 15A	ARA 15A	ARA 15A	Ambient Temp 環境溫度	2~43°C			
							W.P.(bar) 工作壓力	2~10			
							In/Out 管徑	1/2"φ	3/4"φ	1"φ	1"φ
							Power 電源	1	1	1	1
							Type of Refrigerant 冷媒型式	R-134A	R-134A	R-407C	R-407C
							L(mm) 長	254	254	244	254
							Size W(mm) 尺寸 寬	722	722	797	797
							H(mm) 高	515	515	626	626
							Weight(kgs) 重量 (kgs)	34	34	40	42
							Applicable Ranges(hp) 適用馬力 (hp)	5	5~10	10~15	10~20

※Standard products supplied with 220V, and refer to us for the different voltage or higher capacity and urgent delivery.  
 ※Keep on searching for excellence, we reserve the right to alter specifications without prior notice.  
 ※標準電壓220V，異電壓部份與處理量較大之規範或交期請洽本公司。  
 ※本公司不斷研究改進，規格如有變更，恕不另行通知。

# Smart

## 1/4HP~20HP

**Safety** 耐久使用  
**Reliable** 保養簡單



## SWAN Air Cooled Piston Compressor

天鵝牌空氣壓縮機



Since 1956  
 www.swanair.com.tw



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## SWAN Air Cooled Piston Compressors

天鵝牌空氣壓縮機



Patented easy access drain mechanism mounted on top of the air tank for easy periodical maintenance.

獨家專利桶上洩水，方便洩除桶內的冷凝水。

Smart controller. Suitable for all industrial users.

智慧型全自動控制操作簡單，更適合各行各業的作業條件。



## Special Features For SVU(P)-215/220

SVU(P)-215/220獨家專利與特點



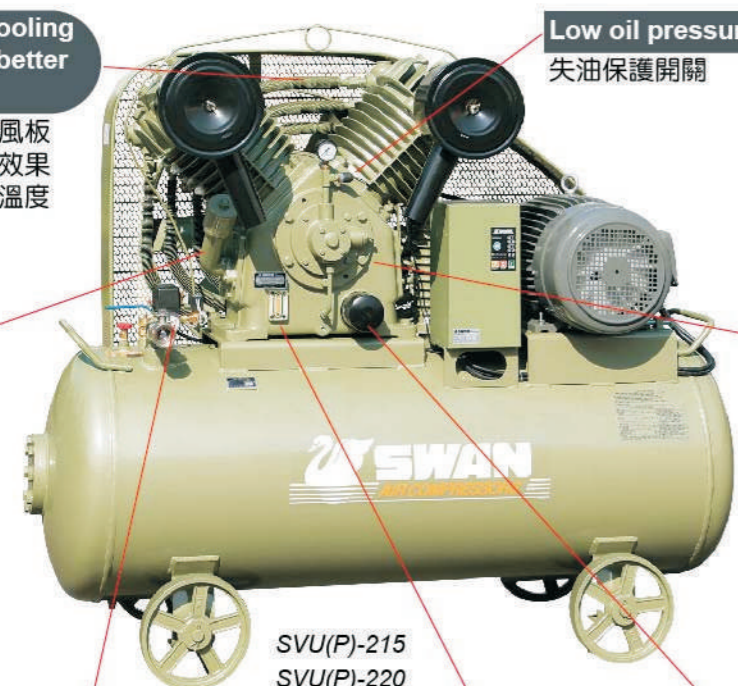
Guide plate for cooling air flow ensures better cooling effects!

設置冷卻氣流的導風板增加壓縮熱源冷卻效果大幅降低壓縮熱的溫度



New breather design and unique oil mist collection mechanism ensure the lowest oil consumption!

獨特的加油通氣管設計潤滑油份回收設計確保冷凝油不噴溢減少潤滑油的損失兼顧綠色環保境界



SVU(P)-215  
SVU(P)-220

Low oil pressure protection

失油保護開關



Special oil return pipe design to reduce possible oil splashing!

潤滑油回油特殊設計減少內部潤滑油飛濺降低壓縮空氣含油量



Solenoid Valve

電磁閥



Oil Gauge

油鏡



Oil Filter

油過濾器

Model 型式	Specs. 規格	Motor (kw/hp) 馬達	Working Pressure (kg/cm <sup>2</sup> .g) 使用壓力	Speed (r.p.m) 轉速	F.A.D. (l/min) 實際排氣量	Tank Capacity (liter) 儲氣桶容量	Compressor Blocks Physical Dimensions 機體實體尺寸		Compressor Units Physical Dimensions 整台實體尺寸	
							LxWxH(mm)	重量(kg)	LxWxH(mm)	重量(kg)
SVU(P)-215		11	15	8	550	400	910x760x860	265	1820x730x1480	560
SVU(P)-220		15	20	8	710	400	910x760x860	265	1820x730x1480	560

※Keep on developing for excellence, we reserve the right to alter specifications without prior notice.

※Other special air discharge quantity, pressure and drive type are available upon request.

※本公司不斷研究改進，規格如有變更，恕不另行通知。

※規格外之壓力、排氣量、空壓設備，詳細資料歡迎與本公司洽詢。

## S Series

S系列 氣冷移動式

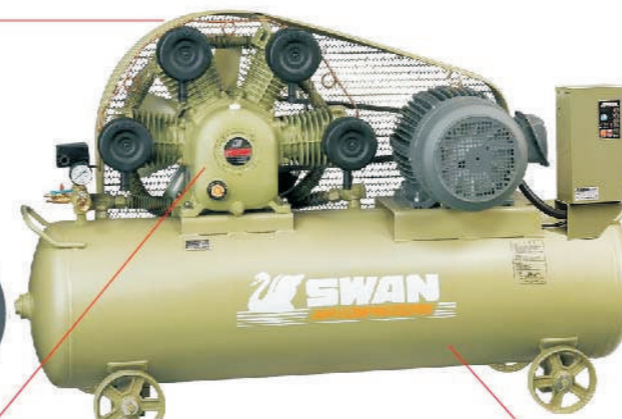
### Unique Components and Mechanism

獨特配件與功能



Highly efficient and durable valve assemblies are provided through the use of special material treatments and high precision grinding processes

經熟處理及精密研磨的進排氣閥組，注意每環節確保效率與壽命。



SWU(P)-415



Product quality guaranteed through the application of modern technology such as CAD/CAM that is used in all functions from product development, modeling and design, right through to the manufacturing process.

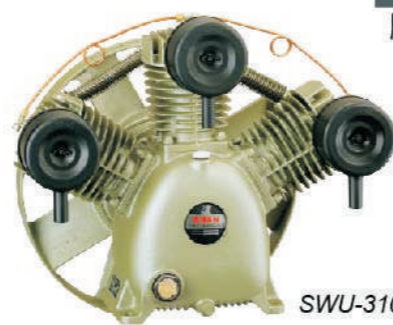
以CAD/CAM進行分析、模擬、設計、製造、品質的發展從設計開始。

High quality and consistent components are manufactured through machining centers which typically are capable of completing a finished surface in a single set-up.

以大型自動加工中心機進行精密加工，一次夾持完成各加工面，確保精度的一致性。

### Compressor Pump Only

壓縮機機體



SWU-310



HVU-205

All metal surfaces on compressor units are prepared by initially shot blasting, followed by the application of powder coating to ensure bright, durable and environmentally friendly air tank surface protection.

鋼珠噴砂處理，自動粉體塗裝；注重環保並確保外觀晶亮耐久。

Model 型式	Specs. 規格	Motor (kw/hp) 馬達	Working Pressure (kg/cm <sup>2</sup> .g) 使用壓力	Speed (r.p.m) 轉速	F.A.D. (l/min) 實際排氣量	Tank Capacity (liter) 儲氣桶容量	Compressor Blocks Physical Dimensions 機體實體尺寸		Compressor Units Physical Dimensions 整台實體尺寸	
							LxWxH(mm)	重量(kg)	LxWxH(mm)	重量(kg)
SP-114		0.2	1/4	675	36	36	160x200x250	6.2	775x290x605	26
SVP-212		0.4	1/2	700	76	58	335x285x265	14.6	940x330x700	52
SVU(P)-201		0.75	1	1020	140	85	380x280x340	21	1000x440x780	58
SVU(P)-202		1.5	2	880	225	85	410x290x350	25	1000x440x780	62
SVU(P)-203		2.2	3	650	355	106	540x400x450	51	1350x450x840	110
SVU(P)-205		3.7	5	620	545	155	560x400x450	70	1400x520x980	168
SWU(P)-307		5.5	7.5	850	872	240	650x460x550	93	1470x650x1150	230
SWU(P)-310		7.5	10	850	1151	300	700x460x560	95	1835x650x1200	250
SWU(P)-415		11	15	850	1480	300	700x520x550	118	1835x650x1200	275

## H Series

H系列 氣冷移動式

Insist on the best and prestige comes from 60 years' experience and persistence.

一甲子專業經驗與最佳品質



HWU(P)-415



HWP-310

Model 型式	Specs. 規格	Motor (kw/hp) 馬達	Working Pressure (kg/cm <sup>2</sup> .g) 使用壓力	Speed (r.p.m) 轉速	F.A.D. (l/min) 實際排氣量	Tank Capacity (liter) 儲氣桶容量	Compressor Blocks Physical Dimensions 機體實體尺寸		Compressor Units Physical Dimensions 整台實體尺寸	
							LxWxH(mm)	重量(kg)	LxWxH(mm)	重量(kg)
HVU(P)-203		2.2	3	960	270	237	500x330x400	47	1470x550x1100	205
HVU(P)-205		3.7	5	900	406	237	560x380x460	67	1470x550x1100	225
HWU(P)-307		5.5	7.5	850	606	237	620x480x540	93	1470x640x1150	260
HWU(P)-310		7.5	10	850	786	237	650x480x540	95	1470x640x1150	262
HWU(P)-415		11	15	850	1120	300	1835x650x1150	116	730x550x660	361
HVU(P)-215		11	15	710	1064	300	930x650x690	280	2230x800x1400	515

### Model Selection

- Define the predicted air volume requirement, plus 30% additional to select for an appropriate compressor model.
- Consider any predictable increase in air volume demand, such as increasing automatic equipment in the future.
- The correct selection will minimize capital and power consumption costs.

### 機型選擇

- 確認需要風量並選擇至少有30%餘裕之機型。
- 請考慮將來自動化設備增加，壓縮空氣使用量增多的情況，並預作規劃。
- 機型選擇正確與否影響購置成本及電費。

### Control System Selection

- Automatic Unloader System "U" Type**  
Through automatic unloading system allows for the control of loaded and unloaded compressor status through a range of pre-set pressure values. This system is recommended where the duty cycle exceeds 50%, and for all larger compressor units.
- Pressure Switch System. "P" Type**  
The automatic pressure switch will stop and start the compressor according to air demand. It is normally recommended for intermittent operation and smaller compressor units.
- U Type & P Type Interchangeable System**  
The integration of pressure switch, solenoid valve and smart IC controller allows air compressor to switch U type system and P type system automatically according to the air volume requirement, ensuring best efficiency. (※For SVU(P)-215, SVU(P)-220, SWU(P)-415, HVU(P)-215 and HWU(P)-415 only.)
- The correct selection will extend compressor's service life and reduce power consumption.

### 型式選擇

- U型：用自動釋荷閥控制空壓機的空車、重車；適用於較大馬力機型及連續運轉型。
- P型：用壓力開關控制空壓機的停車及再啟動；適用於較小馬力機型及間歇使用型。
- U&P共用型：用壓力開關與電磁閥，結合智慧型IC控制器。空壓機可依照氣源需求自動調節全、半自動，最佳運轉效能。
- (※使用機型SVU(P)-215、SVU(P)-220、SWU(P)-415、HVU(P)-215、HWU(P)-415。)
- 型式選擇正確與否影響空壓機使用壽命及電費。