


# Blueair

# Quality Assurance

The Quality Management System of the Industrial Products division of Hiross SpA is certified by Lloyd's Register Quality Assurance to ISO 9001(1987)



Lloyd's Register
Quality Assurance

CERTIFICATE OF APPROVAL

*This is to Certify that the Quality Management System of:*

***Hiross S.p.A.***
***S. Angelo Di Piove - Padova, Italy***

*has been approved by Lloyd's Register Quality Assurance Limited to the following quality management system standards:*

*ISO 9001-1987 EN 29001-1987 UNI EN 29001 - 1988*

*The Quality Management System is applicable to:*

*Design and manufacture of equipment for compressed air and other fluid treatment and industrial cooling products.*

Approval Certificate No. 90211

Original Approval: 25th January 1993
Current Certificate: 25th January 1993
Certificate Expiry: 31st December 1995

*Campbell*
on behalf of LRQA

This guarantees a consistant quality of products and aupport services. Rigorous checks are made on a fixed and spot basis of all production and operational procedures, to ensure compliance.

## Blue air過濾器使用濾蕊品質證明書

Blueair

# Blueair 壓縮空氣 管路過濾器

BRITISH STANDARDS INSTITUTION

# Certificate of Registration

BSI REGISTERED FIRM

This is to certify that

**Domnick Hunter Limited**

**Durham Road**
**Birtley, County Durham DH3 2SF, U K**

hold Certificate No. Q 05240 and operate a quality management system which complies with the requirements of BS EN ISO 9001:1994 for the activities detailed in the scope of registration.

**Originally registered 16 January 1987.**
This certificate does not expire. To check its validity telephone+44(0)1908 227700

*Director and General Manager*
*BSI Quality Assurance*

BSI

BSI Quality Assurance PO Box 375 Milton Keynes United Kingdom MK14 6LL

The British Standards Institution is incorporated by Royal Charter

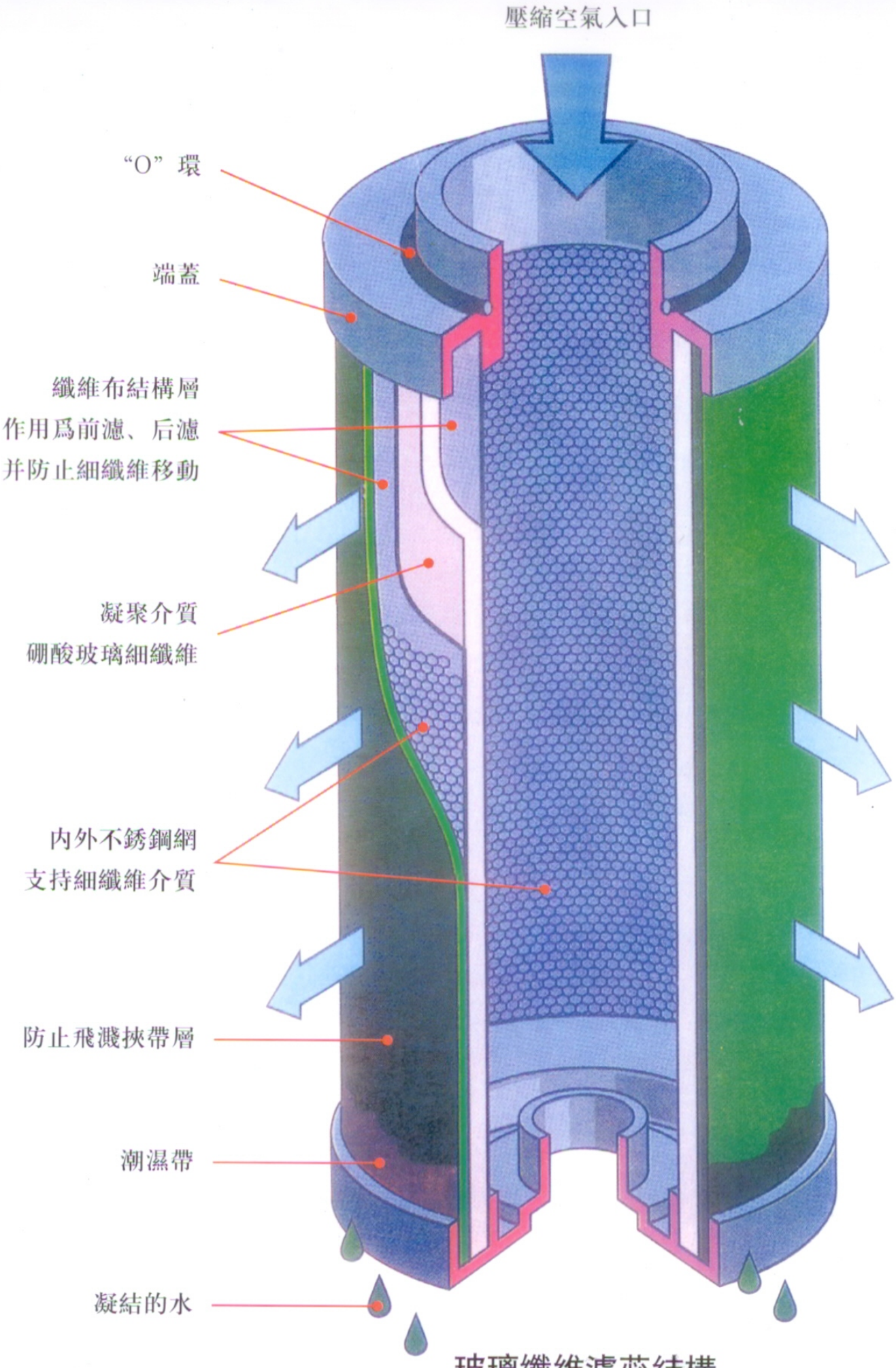
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P121 Issue 5

- 專業生產此類除塵、除水、除油過濾器的廠家。
- 特殊結構硼矽酸微細纖維，雜質捕捉空間高達96%,不僅增加流量，降低壓降，而且延長壽命。
- 裏外不銹鋼濾網支襯，使濾蕊的耐受脉動壓力的能力大爲提高。
- 電腦CAD設計，大幅度降低壓差，并令外殼和濾蕊保持最佳空隙，防止油、水進入下游。
- 輕質鋁合金外殼，經鉻酸鹽皮膜處理，保用十年以上。
- 附自動排水排油器。（壓差表或指示計另備。）
- 從粗濾到精濾，除油、除菌，一應齊全。

## Blue air過濾器使用濾蕊品質證明書

Blueair


壓縮空氣入口
“O”環
端蓋
纖維布結構層
作用爲前濾、后濾
并防止細纖維移動
凝聚介質
硼酸玻璃細纖維
内外不銹鋼網
支持細纖維介質
防止飛濺挾帶層
潮濕帶
凝結的水

玻璃纖維濾蕊結構

# Blueair 四個不同等級的精密過濾器

| 等　級 | Q/AQ 級 | P/AO 級 | S/AA 級 | C/AC 級 |
|---|---|---|---|---|
| 適　用 | 一般往復式空 | 一般螺旋式空 | 一般空氣壓縮 | 高度精密過濾 |
| 範　圍 | 壓機前置過濾 | 壓機前置過濾 | 機后置過濾用 | 專　用 |
| 材　質 | 多層玻璃纖維濾蕊 | 多層玻璃纖維濾蕊 | 多層玻璃纖維濾蕊 | 活性碳濾蕊 |
| 過濾雜質 | 3 MICRON | 1 MICRON | 0.01MICRON | 0.01 MICRON |
| 濾油含量 | 3 PPM | 0.5 PPM | 0.01 PPM | 0.003 PPM |
| 最大壓力 | 16 KG/CM$^2$ | 16 KG/CM$^2$ | 16 KG/CM$^2$ | 16 KG/CM$^2$ |
| 最高溫度 | 65℃ | 65℃ | 65℃ | 65℃ |
| 一般壓差 | 0.2KG/CM$^2$ | 0.17KG/CM$^2$ | 0.275KG/CM$^2$ | 0.07KG/CM$^2$ |
| 最大壓差 | 0.7KG/CM$^2$ | 0.7KG/CM$^2$ | 0.7KG/CM$^2$ | 0.7KG/CM$^2$ |
| 功　能 | 將壓縮空氣內大量的油氣濾除到3PPM以內及濾除雜質顆粒至3MICRON。 | 將壓縮空氣內的油氣濾除至0.5PPM以及濾除雜質顆粒至1MICRON以下。 | 將壓縮空氣中的微量油氣精密濾除至0.01PPM，同時濾除空氣中雜質顆粒至0.01MICRON達到無油標准的高品質壓縮空氣。 | 一般用于濾除壓縮空氣中的臭氣，非常微細的油氣及超微顆粒。 |

可選擇性配件



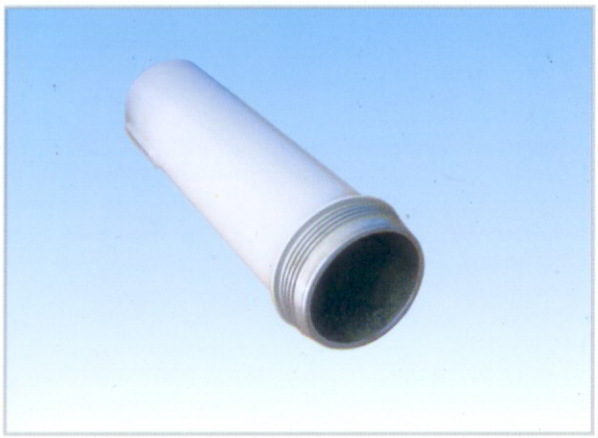
壓差表



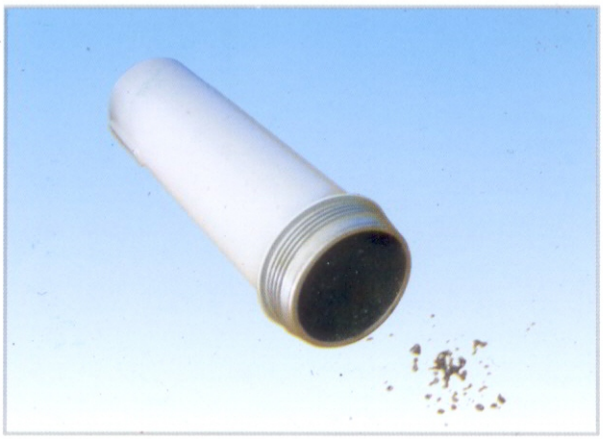
球形自動排水器



自動排水閥



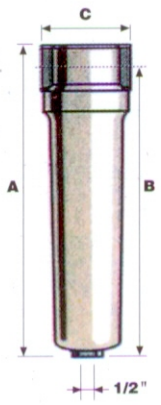
Blue air經鉻酸鹽防銹處理，長時間使用，不起氧化反應。

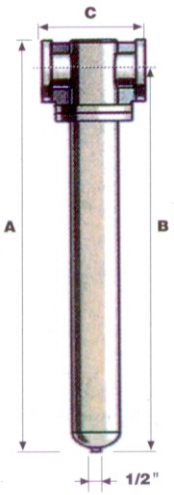


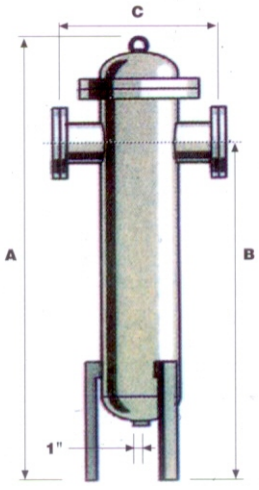
一般未經防銹處理鋁合金外殼的氧化情形

# Blueair 精密過濾器技術規格

| 等　級 | A mm | B mm | C mm | 風　量 $m^3$/min | 風　量 CFM | 口　徑 | 濾　蕊 Q/P/S/C | 重　量 kg | 最大工作壓力 barg. |
|---|---|---|---|---|---|---|---|---|---|
| **BL-006 (004)** | 267.0 | 243.0 | 89.0 | **0.6** | 20.8 | 3/4" | 1 × 006 | 1.1 | 16 |
| **BL-009 (007)** | 267.0 | 243.0 | 89.0 | **0.9** | 31.3 | 3/4" | 1 × 009 | 1.1 | 16 |
| **BL-020 (015)** | 267.0 | 243.0 | 89.0 | **2.0** | 69.4 | 3/4或1" | 1 × 020 | 1.1 | 16 |
| **BL-024** | 366.4 | 333.0 | 109.0 | **2.4** | 83.3 | 1 1/2" | 1 × 024 | 2.2 | 16 |
| **BL-035 (042)** | 366.4 | 333.0 | 109.0 | **4.2** | 122 | 1 1/2" | 1 × 035 | 2.2 | 16 |
| **BL-060 (072)** | 513.5 | 480.0 | 109.0 | **7.2** | 208 | 1 1/2" | 1 × 060 | 2.7 | 16 |
| **BL-110 (090)** | 550.0 | 509.5 | 150.0 | **11.0** | 382 | 2或2 1/2" | 1 × 110 | 4.25 | 16 |
| **BL-151 (120)** | 928.0 | 887.5 | 150.0 | **15.1** | 521 | 2或2 1/2" | 1 × 151 | 6.0 | 16 |
| **BL-180 (150)** | 928.0 | 887.5 | 150.0 | **18.0** | 625 | 2或2 1/2" | 1 × 180 | 6.0 | 16 |
| **BL-280 (240)** | 1225.5 | 1133.0 | 275.0 | **28.0** | 972 | 3" | 1 × 280 | 28.5 | 12 |
| **BL-360** | 1521.0 | 1100.0 | 473.0 | **36.0** | 1271.2 | PN16DN125 | 3 × 151 | 137.0 | 12 |
| **BL-450** | 1706.0 | 1265.0 | 473.0 | **45.0** | 1589.2 | PN16DN150 | 3 × 180 | 140.0 | 12 |
| **BL-600** | 1812.0 | 1315.0 | 520.0 | **60.0** | 2118.6 | PN16DN200 | 4 × 180 | 184.0 | 10 |
| **BL-900** | 1810.0 | 1311.0 | 690.0 | **90.0** | 3178.0 | PN16DN200 | 6 × 180 | 200.0 | 10 |
| **BL-1200** | 1895.0 | 1350.0 | 660.0 | **120.0** | 4237.3 | PN16DN200 | 8 × 180 | 248.0 | 10 |
| **BL-1500** | 1900.0 | 1335.0 | 700.0 | **150.0** | 5296.6 | PN16DN200 | 10 × 180 | 260.0 | 10 |
| **BL-1800** | 1870.0 | 1327.0 | 980.0 | **180.0** | 6355.9 | PN16DN250 | 12 × 180 | 300.0 | 9 |




## 校正系數表:

| 壓　力 | barg | 1 | 2 | 3 | 5 | 7 | 9 | 11 | 13 | 15 | 17 | 20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | psig | 15 | 29 | 44 | 73 | 100 | 131 | 160 | 189 | 218 | 247 | 290 |
| 校正系數 | | 0.38 | 0.53 | 0.65 | 0.85 | 1.0 | 1.13 | 1.25 | 1.36 | 1.46 | 1.56 | 1.7 |