DTF

DTF 壓縮空氣除水過濾器
DTF Compressed Air Water Separator Filter

DA-E

產品外觀 PRODUCT APPEARANCE



訂購代號 ORDER NO.

DTF - 010 - 04

系列
DTF

流量	
005	300 L
010	500 L
015	1600 L
020	2000 L
025	2600 L
035	3600 L
040	4000 L
060	6000 L

尺寸	
02	1/4
04	1/2
06	3/4
08	1"
12	1"1/2

- 標準化規格，嚴格品質管控，確保產品穩定可靠

  Standardized Specifications, Strict Quality Control, Ensuring Consistent and Reliable Performance

- 其他尺寸需求，歡迎來信洽詢

  For other sizes, please contact us by email.

特點 FEATURES

- 壓縮空氣中的油水去除率最高可達 99%，分離後的冷凝液可自動排出

  Removes up to 99% of oil and water from compressed air and automatically drains the separated condensate.

- 無需外接電源，也無需定期更換耗材，操作與日常維護簡便

  Requires no external power or routine consumable replacement, simplifying operation and maintenance.

- 採用鋁合金外殼，結構穩固耐用

  Features a sturdy aluminum alloy housing for lasting durability.

- 採用多重氣流分離結構，快速分離壓縮空氣中的油滴與水滴，並攔截夾帶的雜質

  Uses multiple airflow separation stages to quickly separate oil and water droplets and capture entrained particles.

- 減少進入下游管路與氣動設備的油水及雜質，有助於維持供氣潔淨

  Helps maintain a cleaner air supply by reducing the amount of oil, water, and particles that reach downstream air lines and pneumatic equipment.

適用範圍 APPLICATIONS

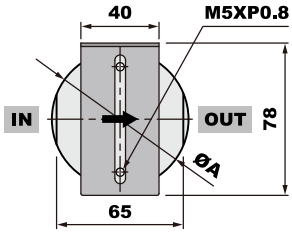
- 適用於氣動工具、噴塗設備、數控設備、自動化產線及包裝機械等設備的壓縮空氣供應系統

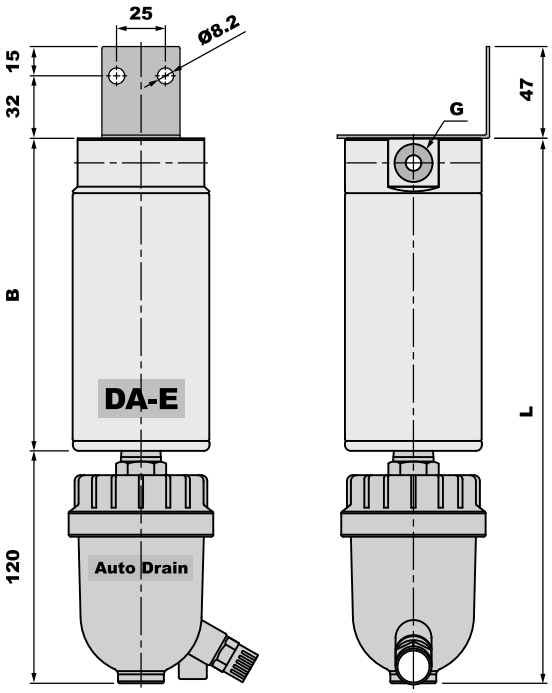
  Suitable for compressed air supply systems serving pneumatic tools, spray coating equipment, CNC machinery, automated production lines, and packaging machines.

規格表 SPECIFICATIONS

型 號 TYPE	油和水過濾率 Oil & Water Filtration	使用壓力 Operating Pressure	使用介質 Applicable Fluid	材質 Material
DTF	99 %	≤ 16 bar	空氣 Air	鋁合金 Aluminum Alloy

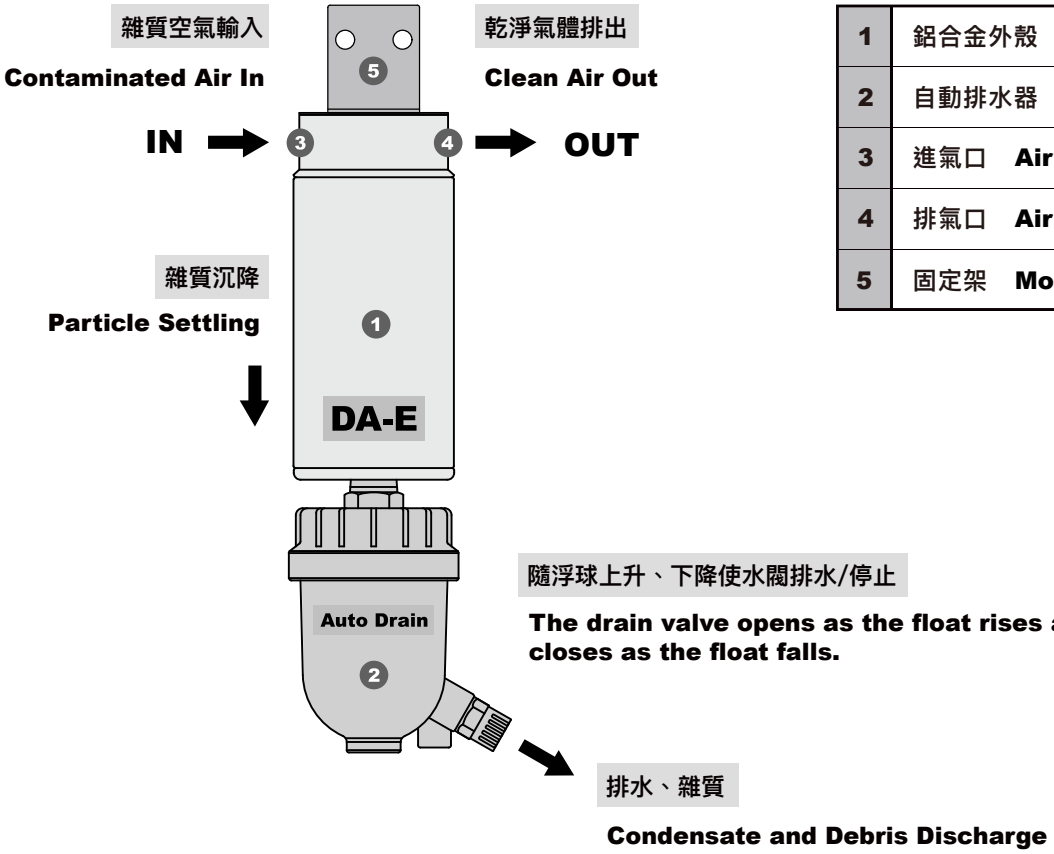
尺寸圖 DIMENSION





型 號 TYPE	G	ØA	B	L	最大流量 Max. Flow Rate
DTF-005-02	1/4	53	165	300	300 L
DTF-010-04	1/2	70	205	330	500 L
DTF-015-04	1/2	70	345	471	1600 L
DTF-020-04	1/2	70	360	505	2000 L
DTF-025-04	1/2	70	380	505	2600 L
DTF-035-06	3/4	70	390	521	3600 L
DTF-040-08	1"	90	355	475	4000 L
DTF-060-12	1"1/2	90	395	525	6000 L

結構/原理說明圖 STRUCTURE & OPERATING PRINCIPLE DIAGRAM



1	鋁合金外殼 **Aluminum Alloy Housing**
2	自動排水器 **Automatic Drain**
3	進氣口 **Air Inlet**
4	排氣口 **Air Outlet**
5	固定架 **Mounting Bracket**

注意事項 PRECAUTIONS

- 本產品適用於壓縮空氣系統，請依各型號規格所列的使用壓力、溫度及最大流量操作
  Use this product in compressed air systems and observe the operating pressure, temperature, and maximum flow rate specified for each model.
- 安裝前請確認進、出氣口及氣流方向，並依產品說明固定本體
  Before installation, verify the inlet, outlet, and airflow direction, then secure the unit as instructed.
- 請保持排水口暢通，並定期確認自動排水功能是否正常
  Keep the drain outlet clear and regularly check that the automatic drain is functioning properly.
- 拆卸、清潔或維護前，請先切斷供氣，並確認本體及相關管路已完全洩壓
  Before disassembly, cleaning, or maintenance, shut off the air supply and fully depressurize the unit and connected piping.

產品比較表格 PRODUCT COMPARISON TABLE

產品 Product	DTF	氣源乾燥器 Compressed Air Dryer
油水去除率 Oil and Water Removal Efficiency	最高可達 99%　Up to 99%	低於 80%　Below 80%
排水方式　Drainage	自動排出冷凝液 Automatically drains condensate.	需手動排出冷凝液 Requires manual condensate drainage.
耗材與維護 Consumables and Maintenance	無耗材設計，日常維護簡便 Requires no replacement consumables, simplifying routine maintenance.	需頻繁更換濾芯，增加維護時間 Requires frequent filter element replacement, increasing maintenance time.
電力需求與使用壽命 Power Requirements and Service Life	無需外接電源，使用壽命較長 Requires no external power and offers a longer service life.	運轉時需用電，使用壽命較短 Consumes electricity during operation and has a shorter service life.

MADE IN TAIWAN

