



## AQD 風刀

### 產品特性

- 體積小，便於安裝，免維護
- 風刀可代替傳統的風機和吹氣
- 氣流均衡，空氣壓縮比達 40：1 比例
- 材質為鋁合金或不鏽鋼
- 節約壓縮空氣，耗氣量較常規鑽孔管氣簾節約 60%左右
- 低噪音，在多數情況下僅為 69 分貝，噪音較常規鑽孔管氣簾低 10 倍左右
- 提供多種規格的氣簾寬度(100-1200mm)，氣流強度可調(附調壓器)
- 風刀出廠時標準出風口間隙為 0.05mm
- 風刀間隙可調，增加墊片厚度也可以實現出氣量的大小
- 可根據客戶要求定制:0.05-0.3mm



### 訂購代號

## AQD - 50 - ST

①                      ②                      ③

①產品系列	②長度(mm)			③材質
AQD	30	300	950	空白 - 鋁
	50	350	1000	ST - 不鏽鋼
	60	400	1100	
	75	450	1200	
	100	500	1300	
	125	550	1400	
	150	600	1500	
	175	650	1600	
	200	700	1700	
	225	750	1800	
	250	800	1900	
	275	850	2000	
	300	900		

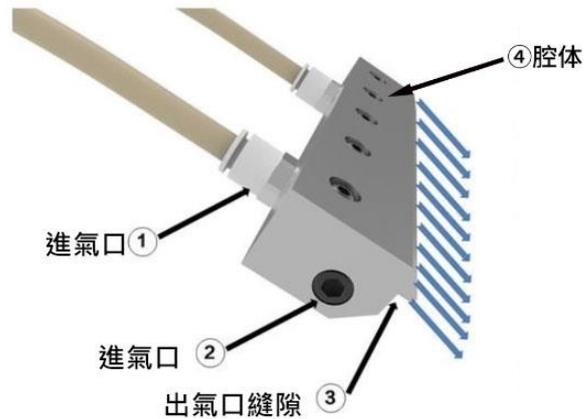


## 產品規格

型號	風刀長度 (mm)	耗氣量 (m <sup>3</sup> /min)	進氣孔螺紋	進氣口數量	噪音(db)	風刀重量(kg)
AQD-30	30	0.08	PT-1/4	2	42	0.13
AQD-50	50	0.16	PT-1/4	2	42	0.13
AQD-60	60	0.20	PT-1/4	3	43	0.15
AQD-75	75	0.24	PT-1/4	3	44	0.19
AQD-100	100	0.32	PT-1/4	3	46	0.24
AQD-125	125	0.43	PT-1/4	3	47	0.3
AQD-150	150	0.51	PT-1/4	3	50	0.37
AQD-175	175	0.59	PT-1/4	3	52	0.43
AQD-200	200	0.67	PT-1/4	4	54	0.49
AQD-225	225	0.71	PT-1/4	4	55	0.55
AQD-250	250	0.88	PT-1/4	4	56	0.62
AQD-275	275	0.98	PT-1/4	4	56	0.68
AQD-300	300	1.06	PT-1/4	5	57	0.75
AQD-350	350	1.22	PT-1/4	5	60	0.87
AQD-400	400	1.45	PT-1/4	5	62	1
AQD-450	450	1.57	PT-1/4	6	63	1.13
AQD-500	500	1.69	PT-1/4	6	65	1.26
AQD-550	550	1.81	PT-1/4	7	68	1.39
AQD-600	600	1.93	PT-1/4	7	71	1.51
AQD-650	650	2.05	PT-1/4	7	73	1.64
AQD-700	700	2.17	PT-1/4	8	74	1.76
AQD-750	750	2.32	PT-1/4	8	75	1.89
AQD-800	800	2.43	PT-1/4	9	77	2.02
AQD-850	850	2.43	PT-1/4	9	78	2.15
AQD-900	900	2.71	PT-1/4	10	78	2.28
AQD-950	950	2.84	PT-1/4	10	82	2.41
AQD-1000	1000	3.02	PT-1/4	10	80	2.54
AQD-1100	1100	3.33	PT-1/4	11	81	2.78
AQD-1200	1200	3.65	PT-1/4	12	81	3.06
AQD-1300	1300	3.96	PT-1/4	13	83	3.32
AQD-1400	1400	4.28	PT-1/4	14	84	3.55
AQD-1500	1500	4.50	PT-1/4	14	84	3.82
AQD-1600	1600	4.79	PT-1/4	15	85	4.16
AQD-1700	1700	5.03	PT-1/4	16	86	4.42
AQD-1800	1800	5.31	PT-1/4	17	88	4.68
AQD-1900	1900	5.69	PT-1/4	18	89	4.94
AQD-2000	2000	5.88	PT-1/4	19	90	5.20

注:以上風刀耗氣量為進氣壓力為 0.6MPa、出風口縫隙為 0.05mm 的情況下測得的參考值

## 工作原理



壓縮空氣經進氣口進入風刀高壓腔,氣流通過狹窄、細薄的噴嘴,在風刀長度方向形成一張均衡的氣流薄片。

由於腔室對高壓氣流的壓縮比為 40:1,使得氣流速度損失很小,而壓力很大。於是就產生一張具有強衝擊力而很小剪切力的氣流薄片。此薄片風幕可達 30~40 倍環境空氣。

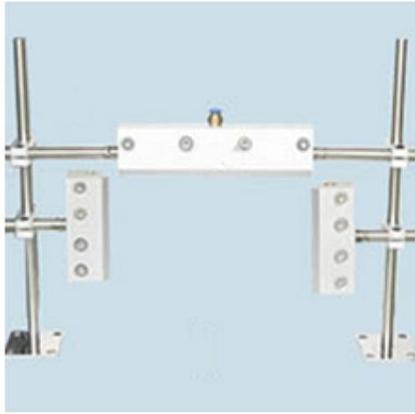
## 注意事項

- 接氣管時,風刀裡不能進入異物。
- 壓縮空氣壓力應在 0.55-0.69MPA。
- 應使用空氣篩檢程式,確保氣體乾燥。
- 所有的篩檢程式與目標距離應控制在 5 米內。
- '18' 以上的超級風刀必須兩端進氣、否則影響風刀效果。

超級風刀除液吹掃距離應在 20mm--60mm 之間,否則將降低吹掃效果。

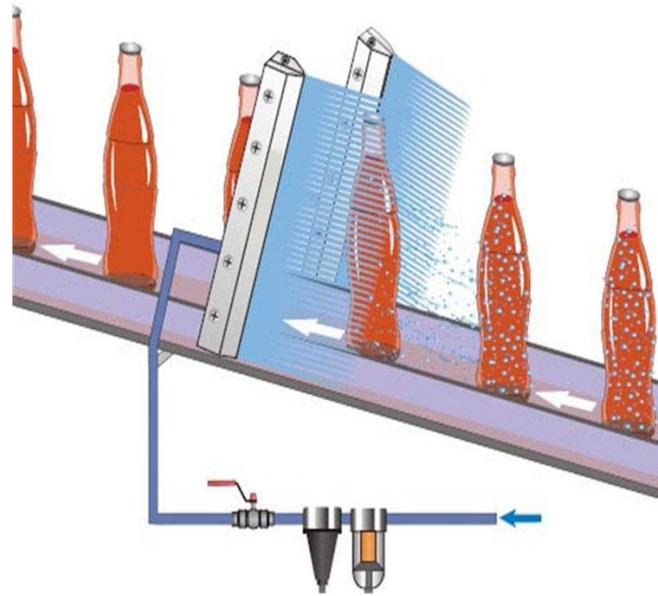


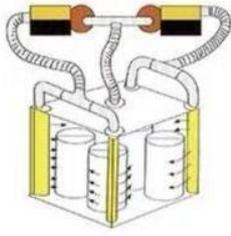
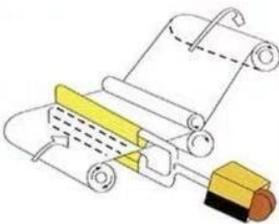
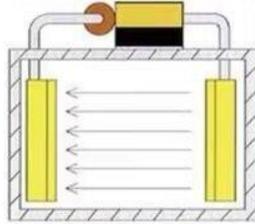
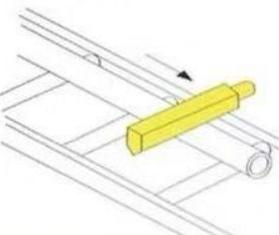
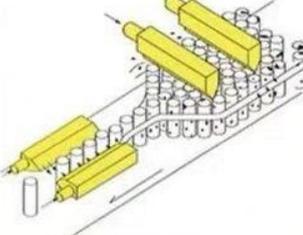
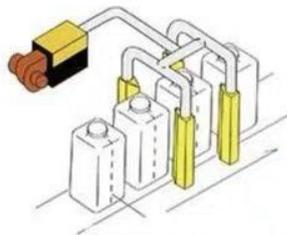
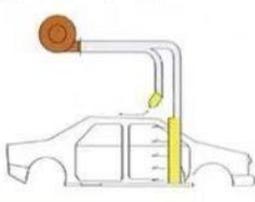
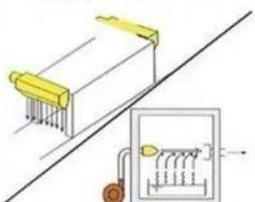
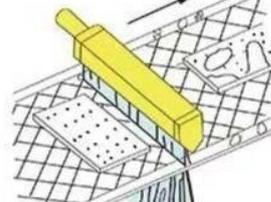
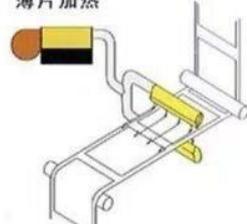
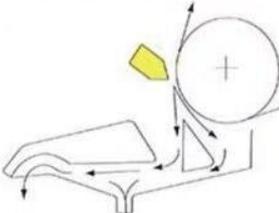
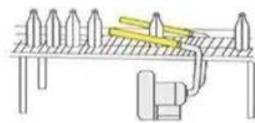
應用案例





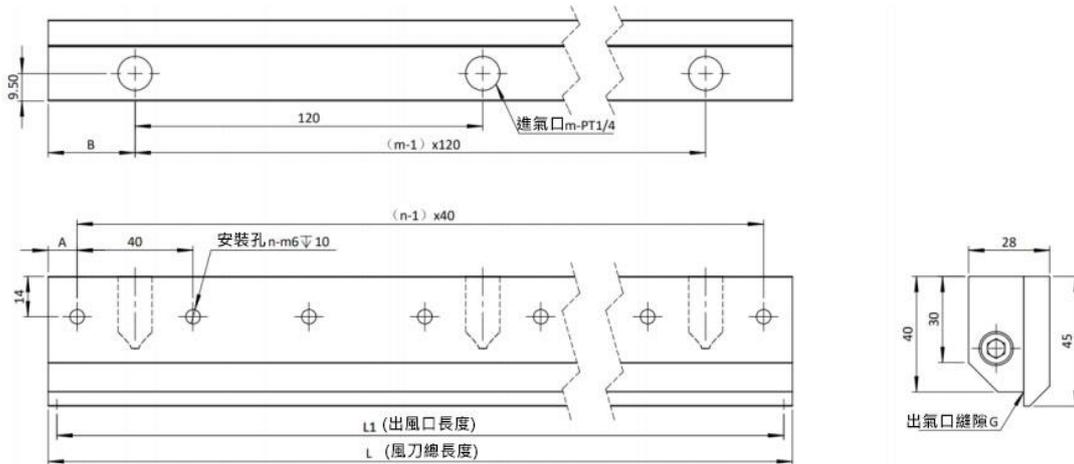
應用範圍



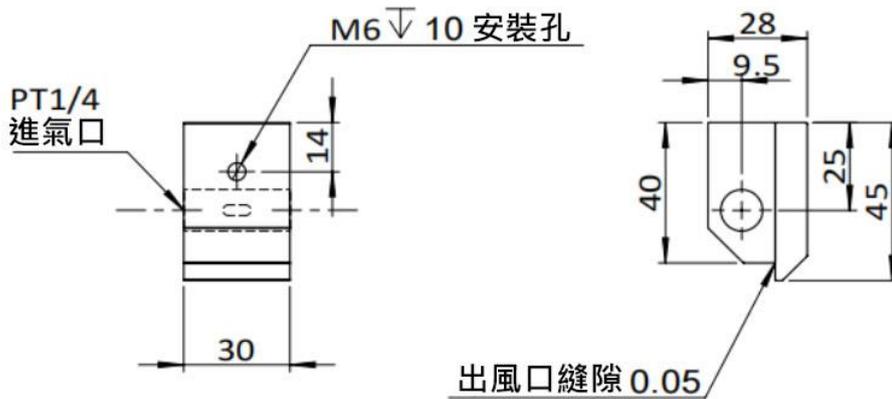
<p>乾燥爐內空氣混合</p> 	<p>印刷後急速乾燥</p> 	<p>乾燥爐使用熱風機加熱</p> 
<p>鑄鐵管的冷卻</p> 	<p>瓶罐等洗淨後的除水乾燥</p> 	<p>聚酯容器的局部凹縫熱風吹乾</p> 
<p>汽車清洗後的乾燥</p> 	<p>隧道爐出入口風簾</p> 	<p>地板的乾燥</p> 
<p>薄片加熱</p> 	<p>大型管道外壁的除水</p> 	<p>瓶罐等在貼標前的升溫</p> 



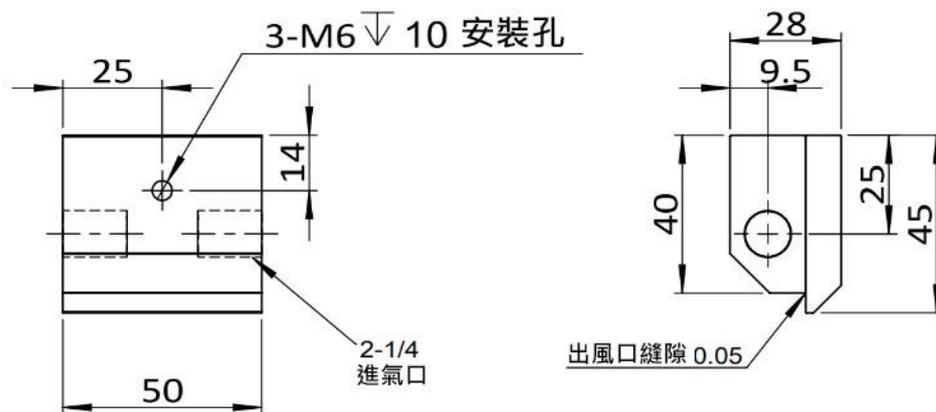
外觀尺寸



■ AQD-30

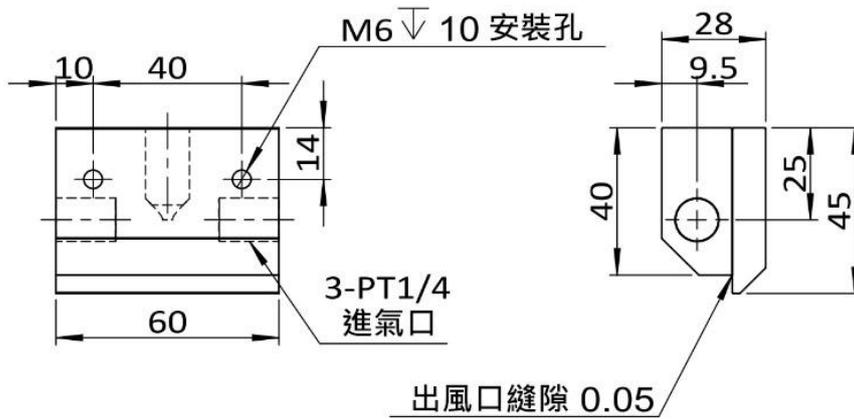


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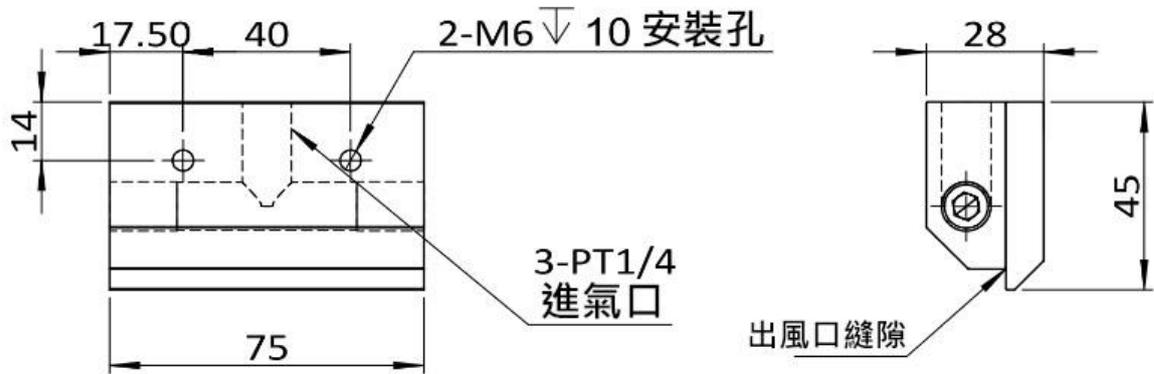




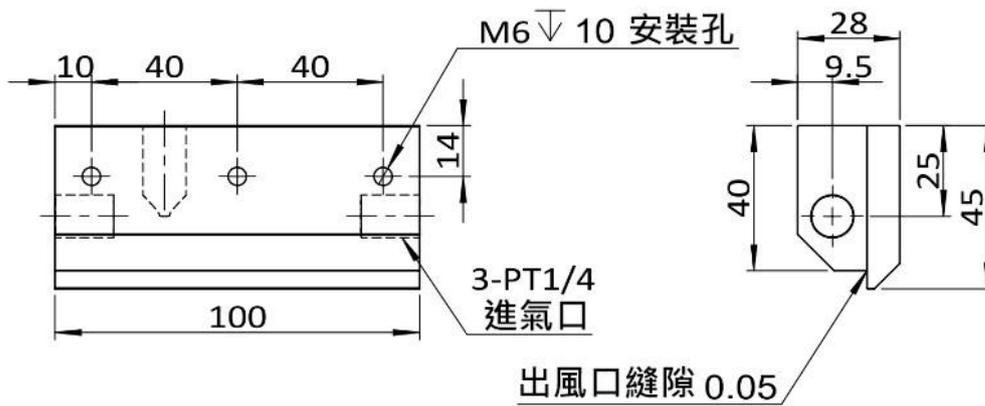
■ AQD-60



■ AQD-75

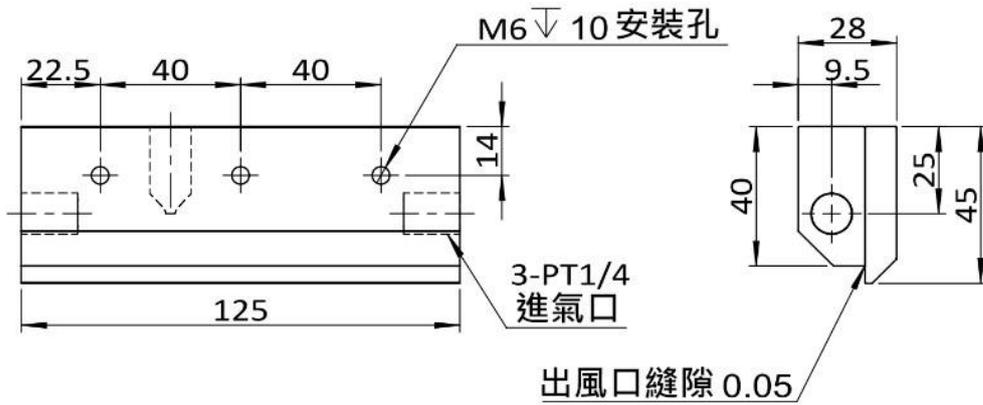


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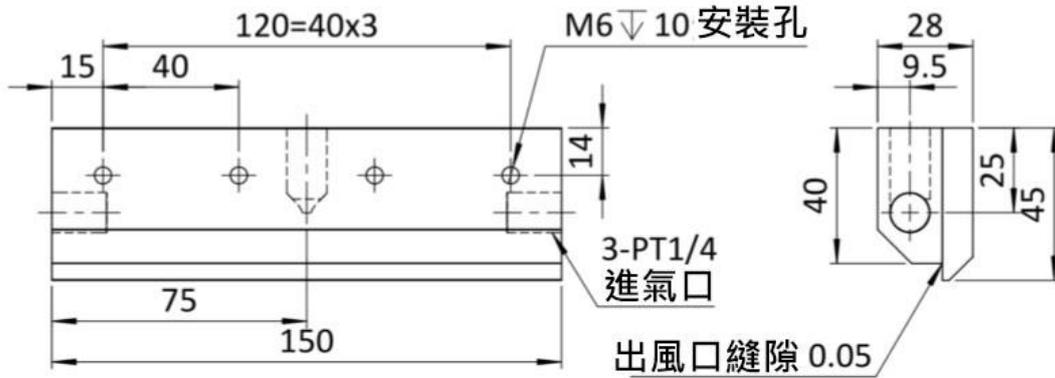




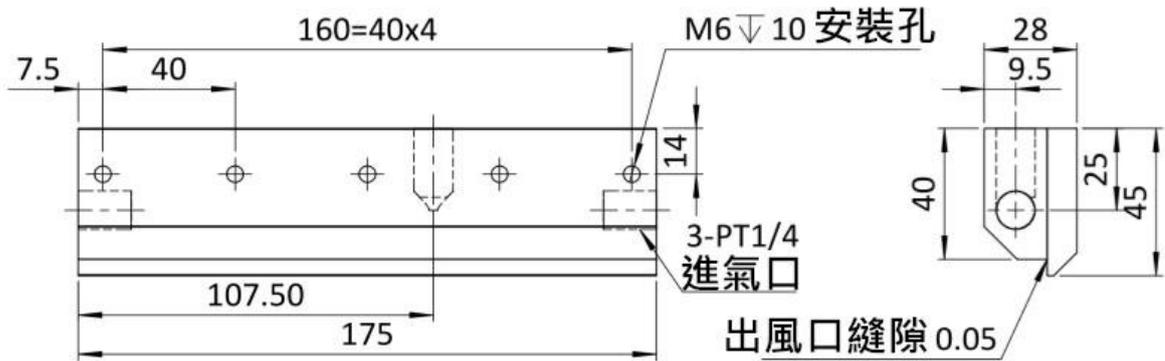
■ AQD-125



■ AQD-150

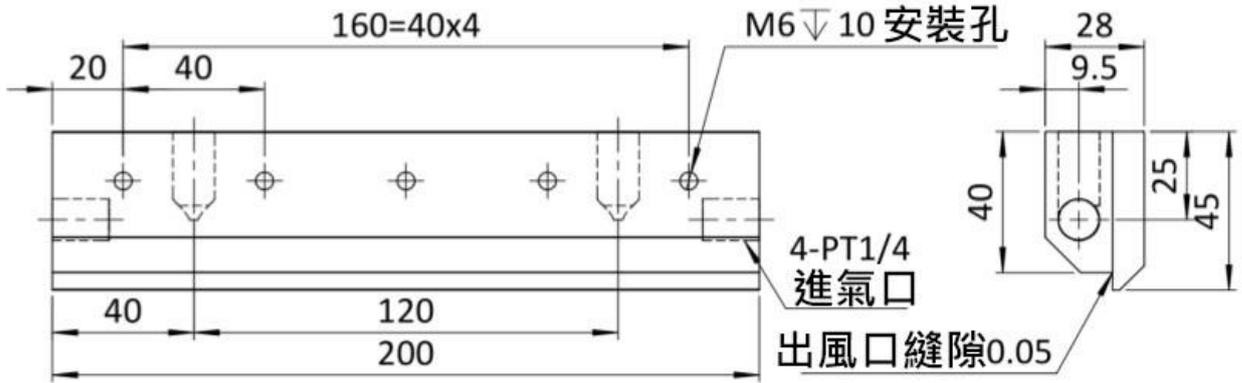


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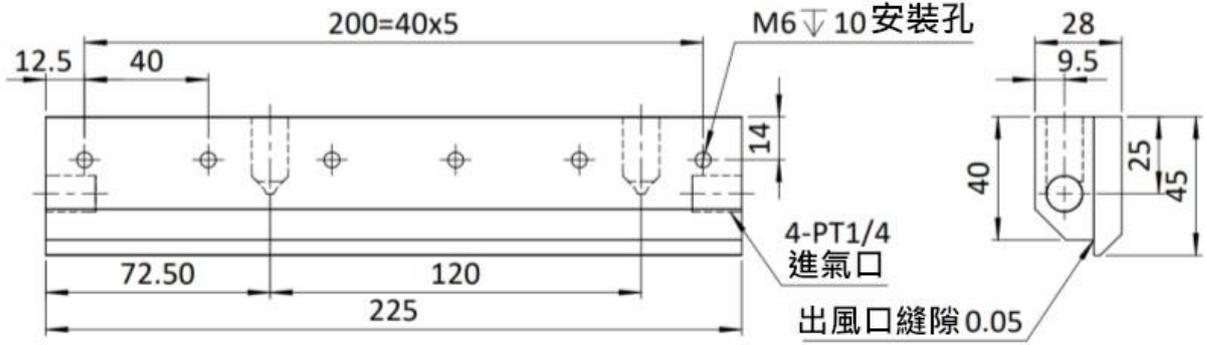




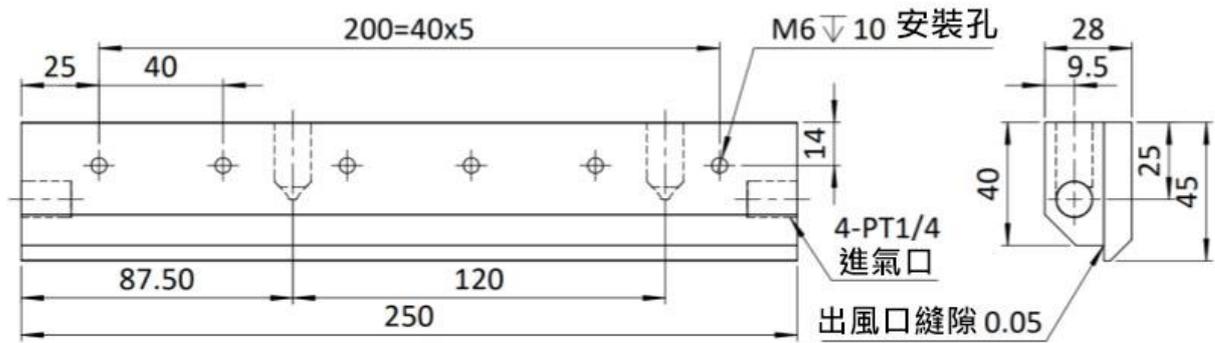
■ AQD-200



■ AQD-225

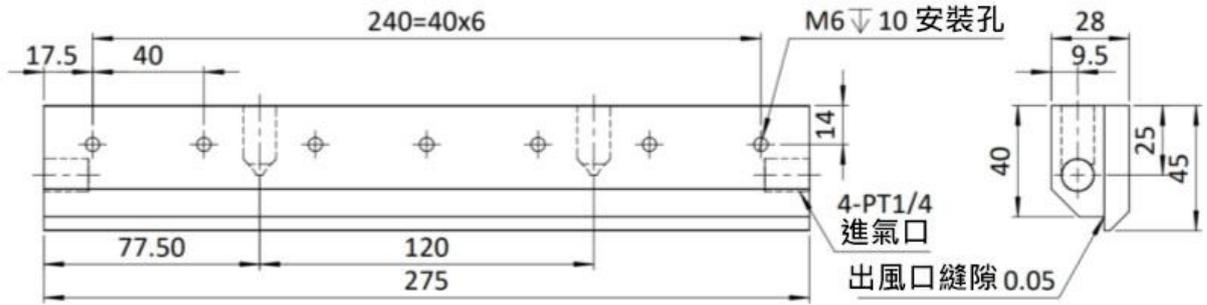


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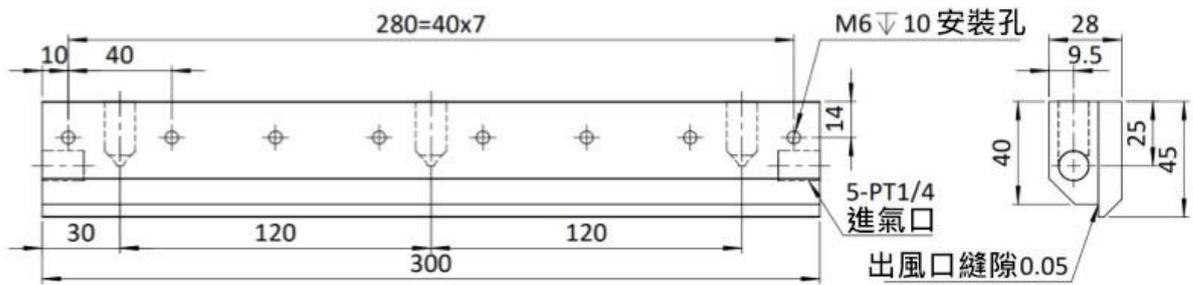




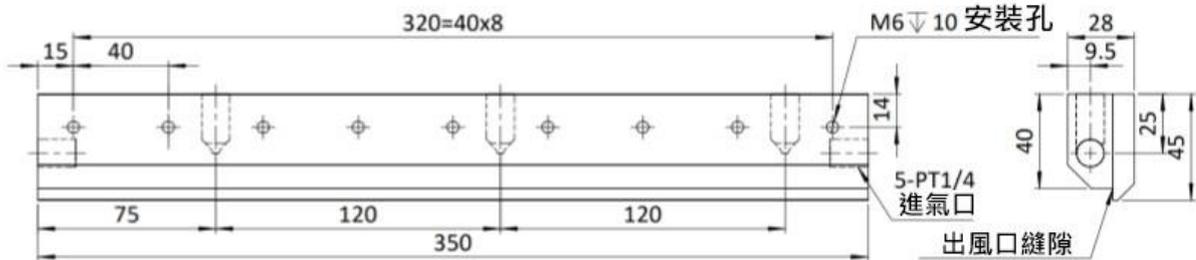
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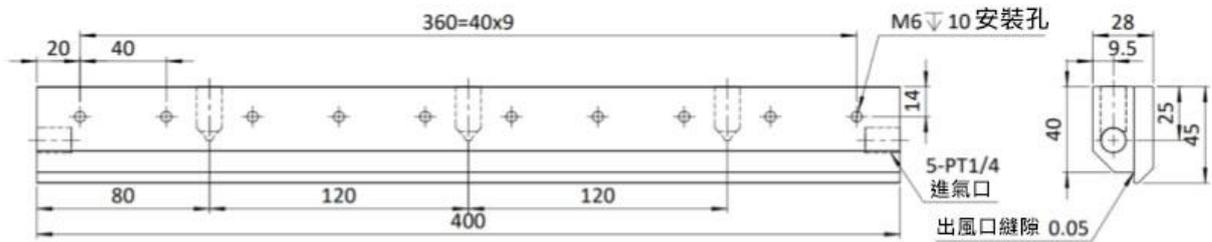
■ AQD-300



■ AQD-350

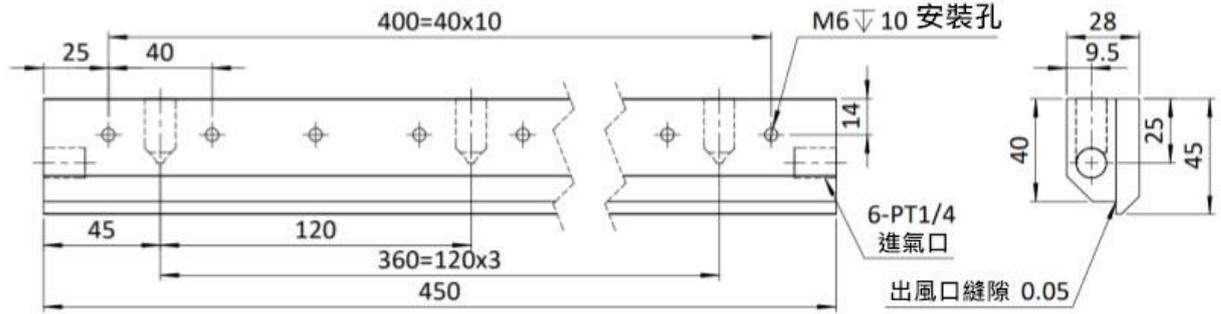


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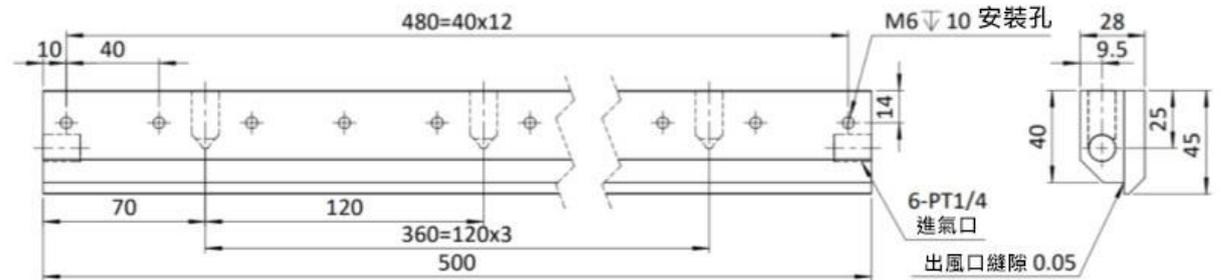




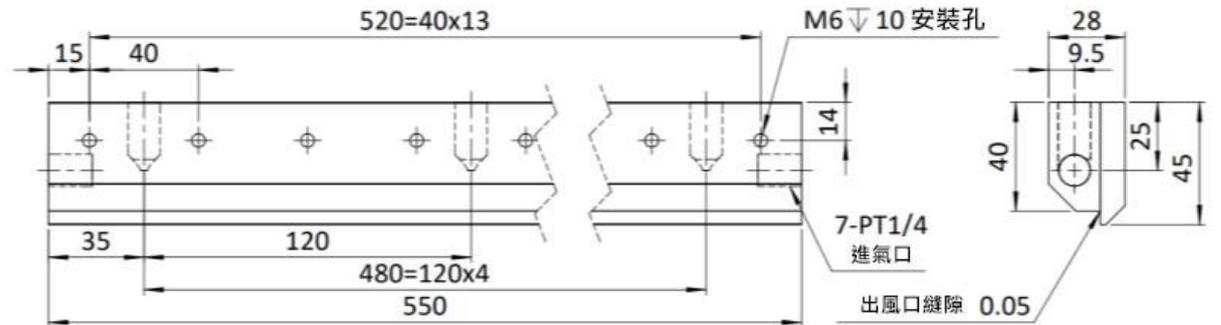
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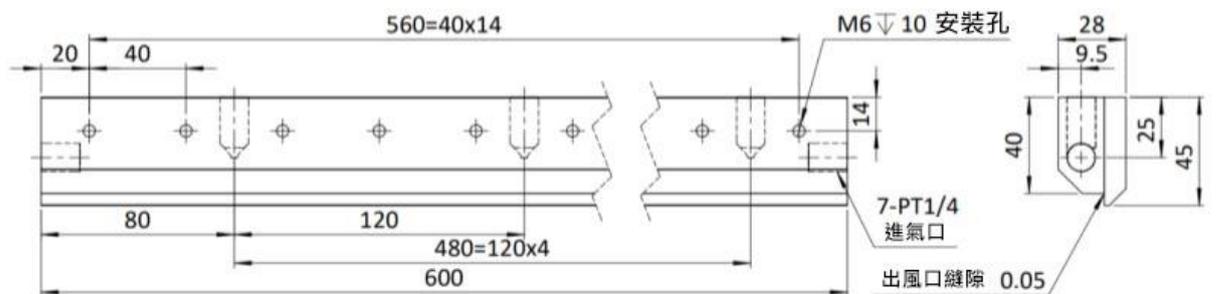
■ AQD-500



■ AQD-550

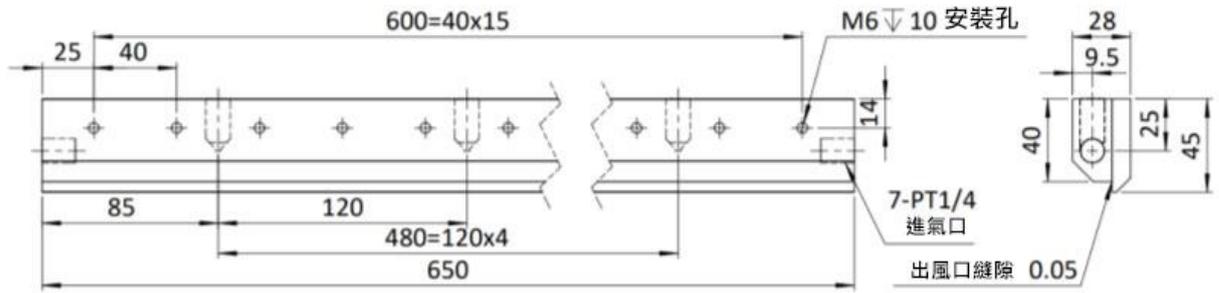


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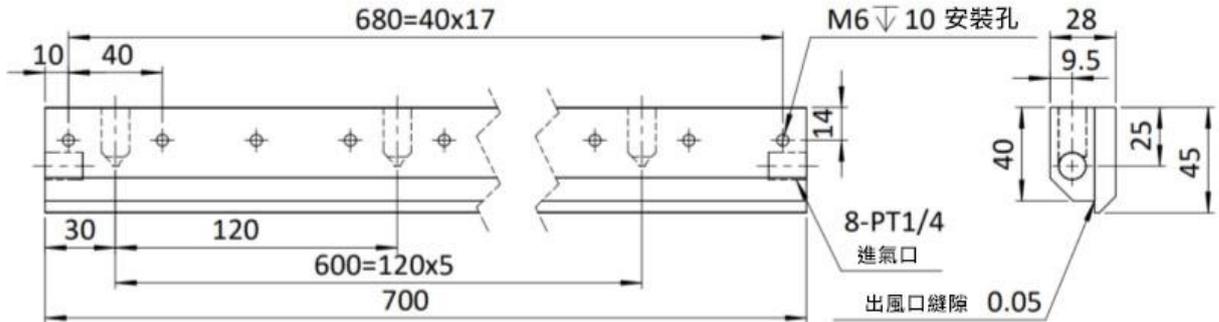




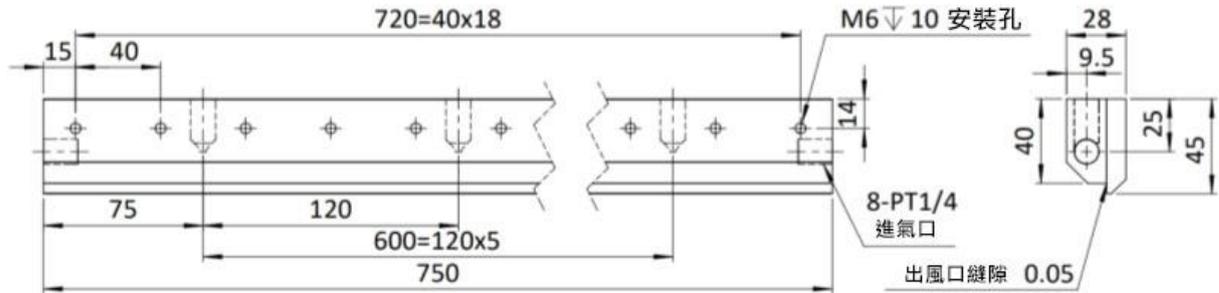
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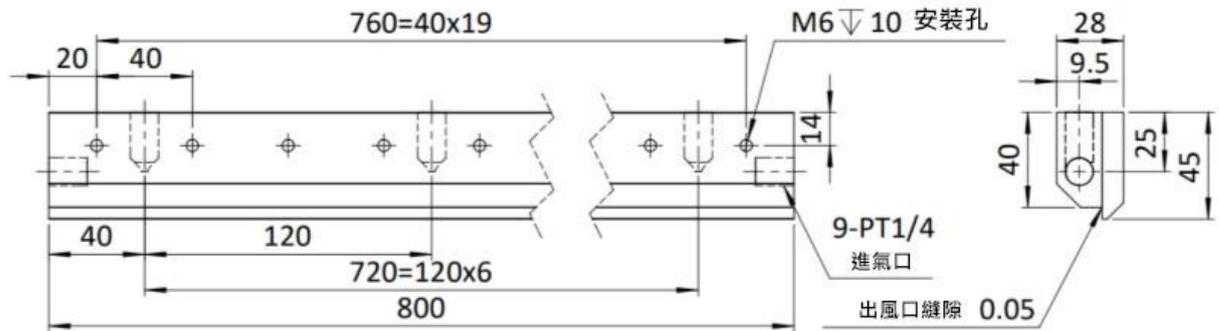
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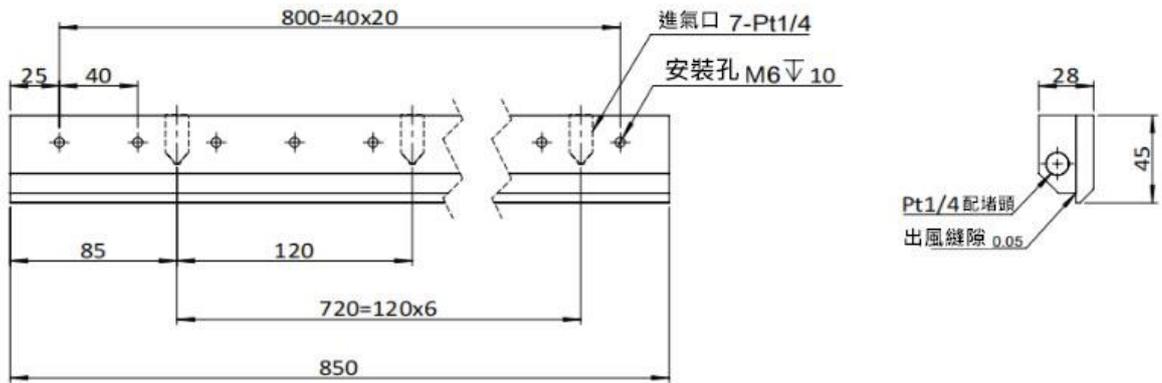


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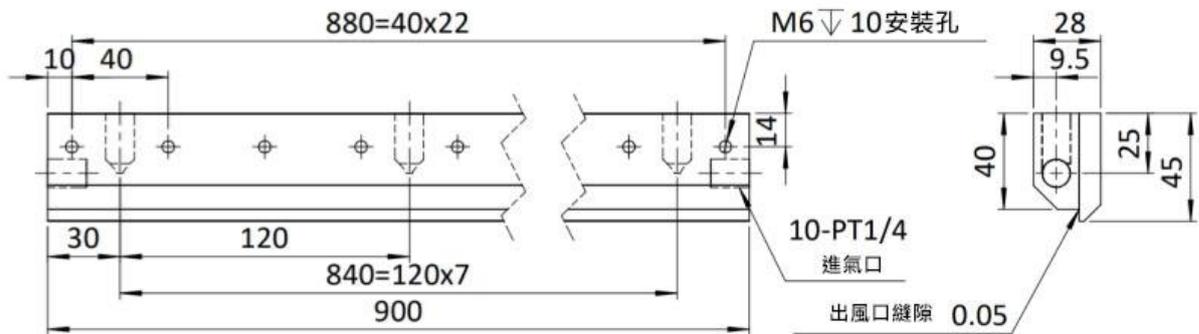




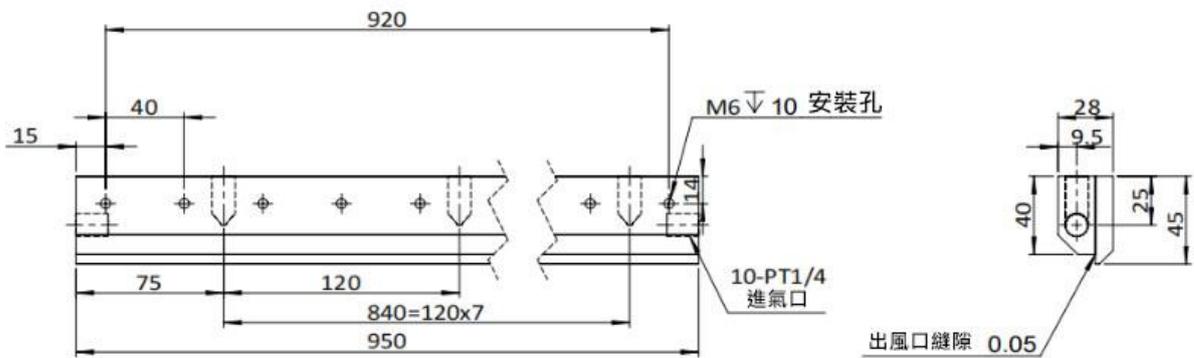
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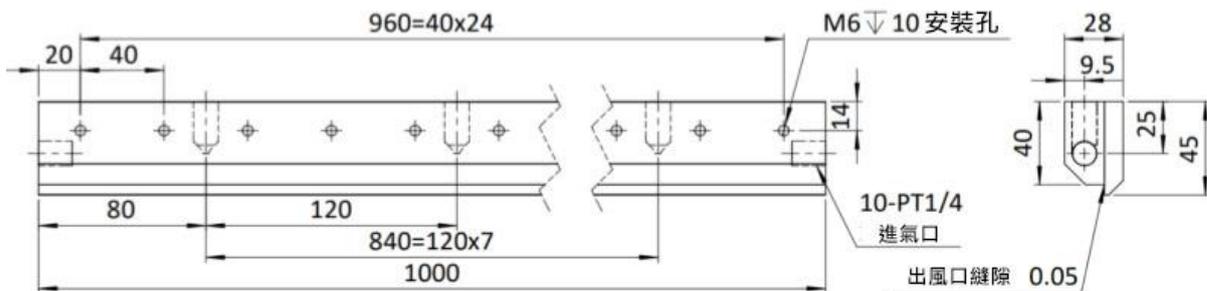
■ AQD-900



■ AQD-950

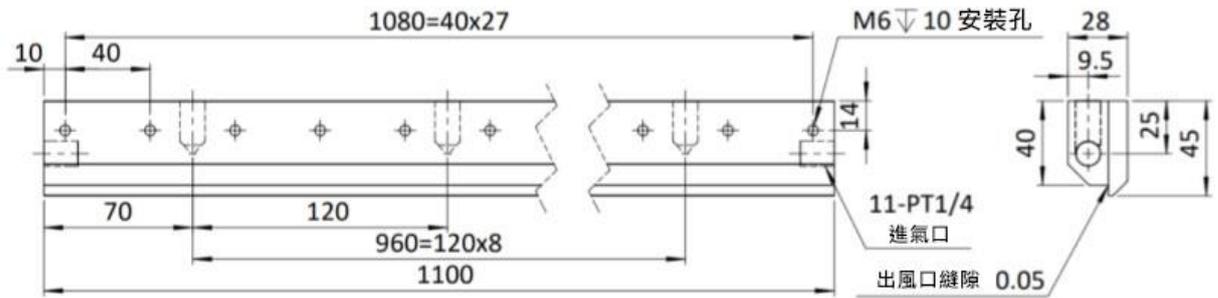


■ AQD-1000

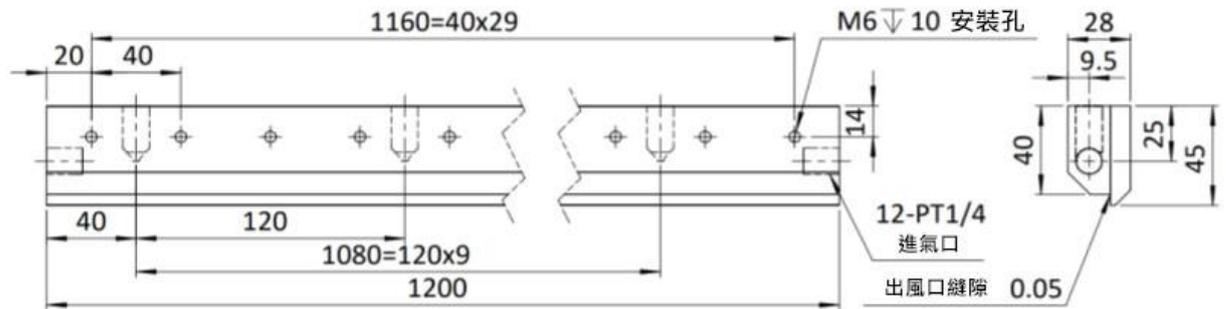




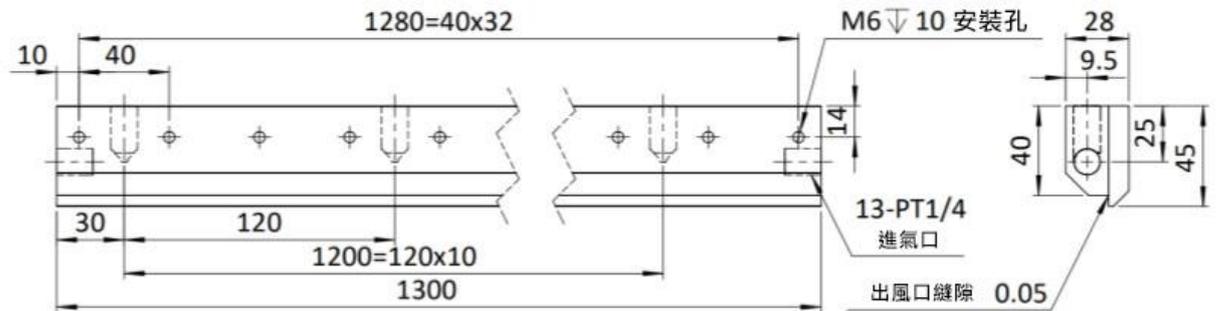
■ AQD-1100



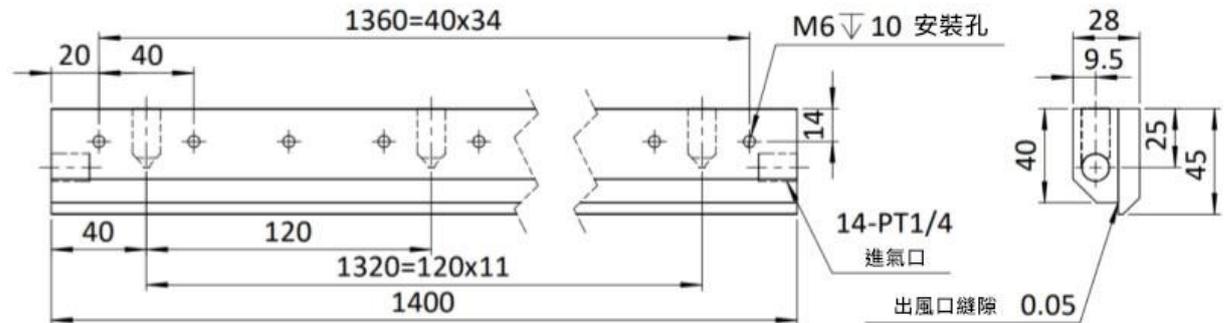
■ AQD-1200



■ AQD-1300

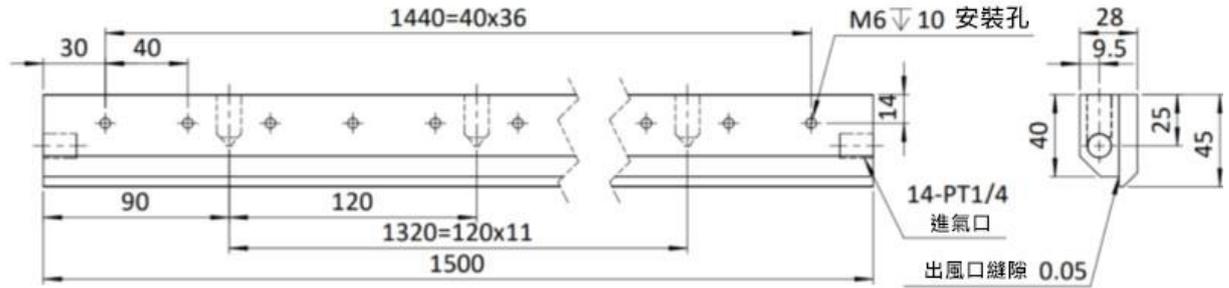


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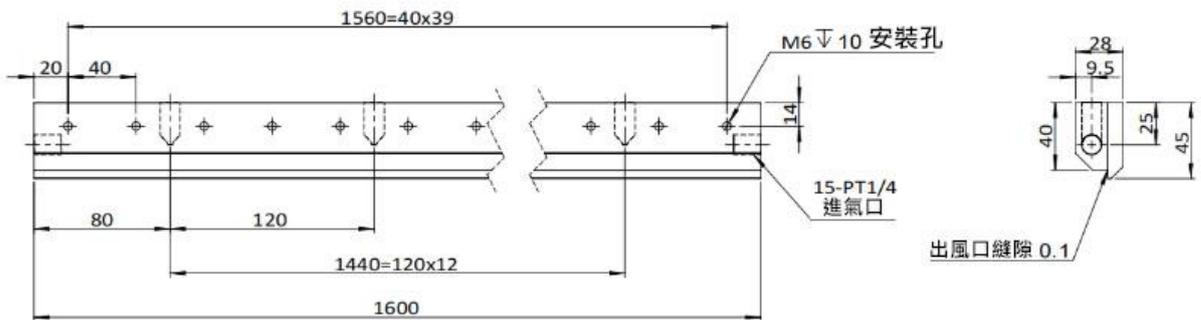




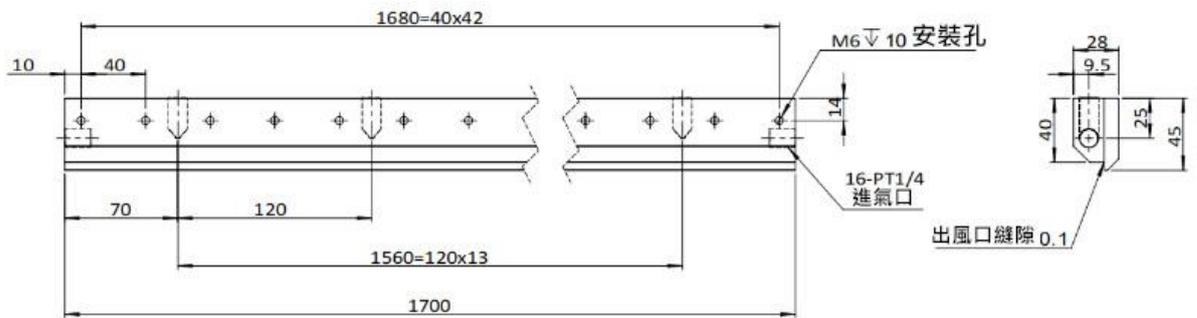
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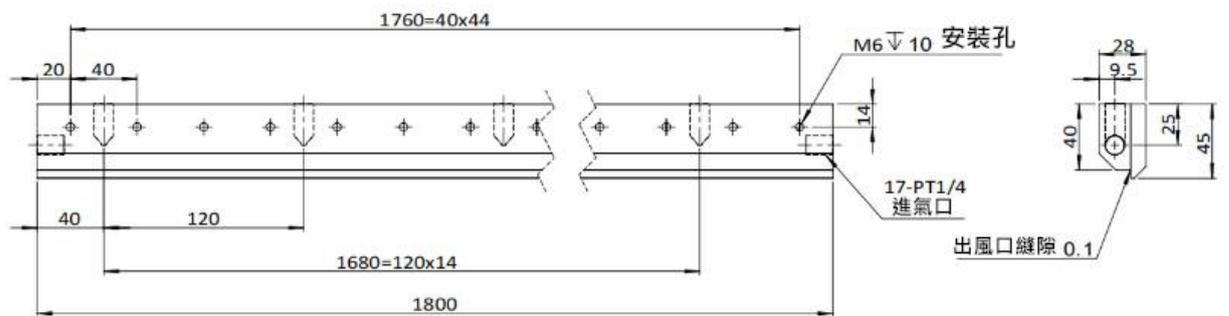
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■ AQD-1700

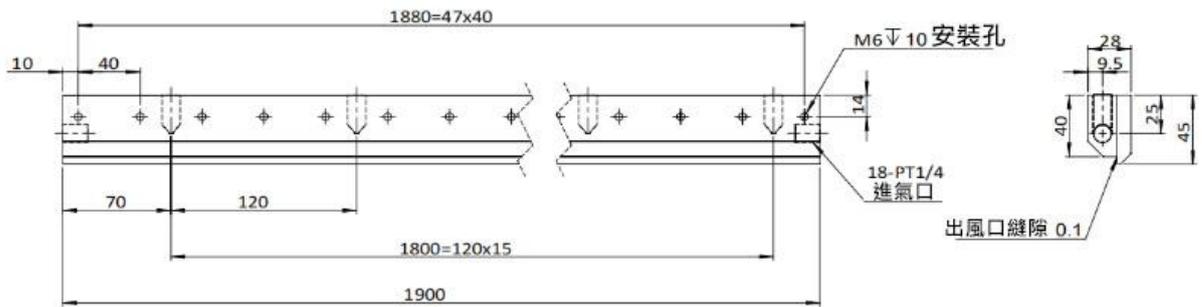


■ AQD-1800





■ AQD-1900



■ AQD-2000

