

Daico Airpron

Flat Air Nozzle

DX DY TYPE NOZZLE

PAT.1951060
786481

Stable and uniformed air supply

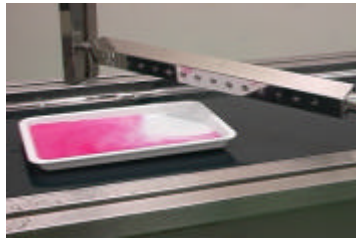
Length of nozzle slit is 100~1000mm

Applicable in clean-room environment

Can withstand high temperatures and voltage. SUS304 Type

AIR SPOUTING VELOCITY 20~320m/sec

Example of Air Nozzle applications



Blowing water off a Board



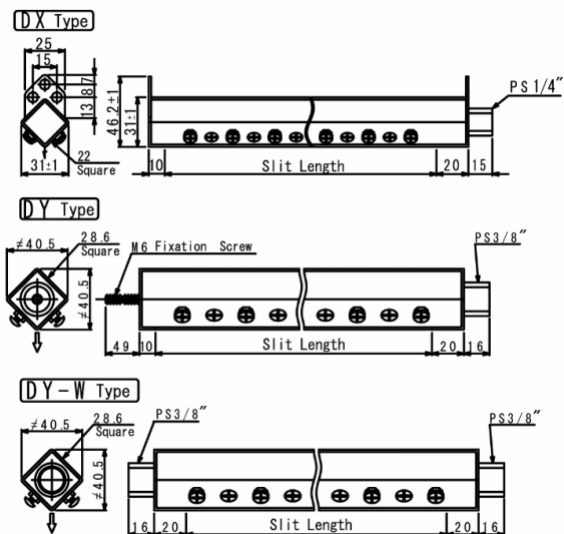
Blowing water off 3 dimensional work pieces



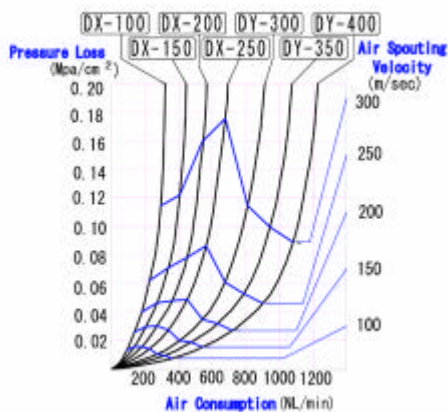
Expanded view of slit

Model	Slit Length	Slit Width	Blowing Inlet
DX-100	100mm	0.15mm	PS1/4" (Internal Screw)
DX-150	150mm		
DX-200	200mm		
DX-250	250mm		
DY-300	300mm		
DY-350	350mm	PS3/8" (Internal Screw)	
DY-400	400mm		
DY-500W	500mm	Both side blower type PS3/8" (Internal Screw)	
DY-600W	600mm		
DY-700W	700mm		
DY-800W	800mm		
DY-900W	900mm		
DY-1000W	1000mm		

External measurements



Performance Table



Features:

With structural design based on Karman vortices, air can be blown uniformly within a broad range of air velocity, starting from low speed to high speed.

Applications:

It is used for blowing off water, from glass board and metal plate which are used in LCD, PDF etc, air purging, and nitrogen gas injection work. Air injected from a precision slit demonstrates great efficiency in producing maximum effect from minimum air flow.