



# Fan Type Ionizer

DTY-ELF13H, DTY-ELF14H



## LONG TERM MAINTENANCE FREE TECHNOLOGY

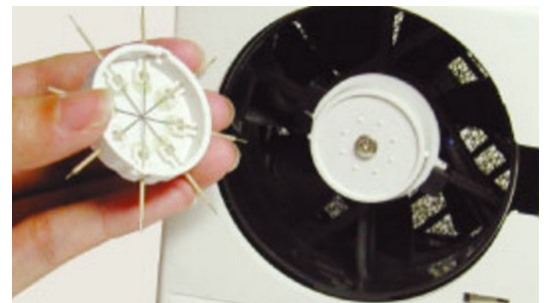
Needle replacement is over 20000hrs use.

## EASY MAINTENANCE

Needle unit can be removed easily.



Needle unit

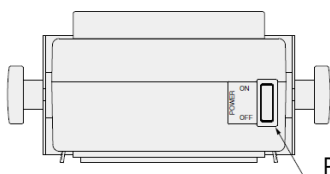


# Specifications

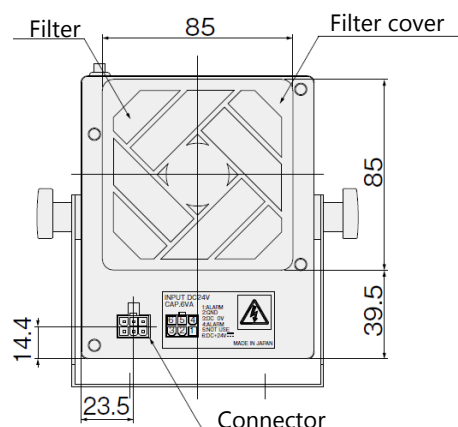
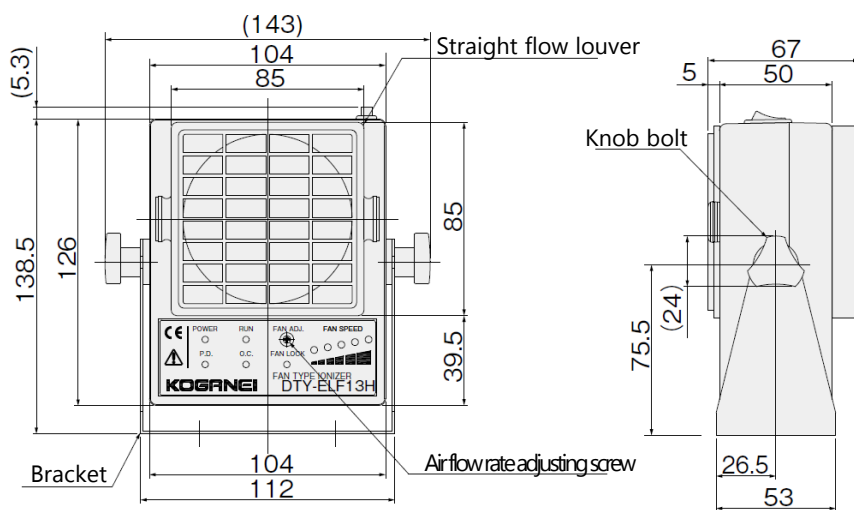
Content		Part number	DTY-ELF13H	DTY-ELF14H
Power supply			DC24V ± 5%	
Consumption current		[mA]	280	500
Output voltage		[kV]	± 7	± 7.5
Indicator LED	POWER [green]		Lit when power is on	
	RUN [green]		Lit when high voltages are applied to electrodes	
	P. D. [red]		Lit when there is an electrical discharge abnormality	
	O. C. [red]		Lit when there is an overcurrent in the high voltage circuit	
	FAN LOCK [red]		Lit when there is a fan abnormality	
	FAN SPEED [green]		Displayed as 5 levels of fan airflow	
Output signal			Contact output when red LED is lit (contact b, max. of 24 VDC, 50 mA)	
Ion balance		[V]	± 10 or less	± 5 or less
Static charge removal time		[sec]	2 or less	1 or less
Ozone generation		[ppm]	0.004 or less	
Fan capacity	Max. flow rate	[m <sup>3</sup> /min]	1.2	3.5
	Adjustment		Stepless adjustment by using the flow rate adjusting screw	
Outer dimension		[mm]	104W X 126H X 50D	150W X 182H X 50D
Mass		[g]	570	910
Operating temperature/humidity			0 - 40 degree C/ 15 - 65%RH	
Accessory			Installation manual, AC adaptor, wide range louver, lead wire, cleaning brush	

## Dimensions

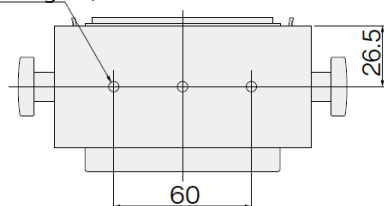
### DTY-ELF13H



Power switch



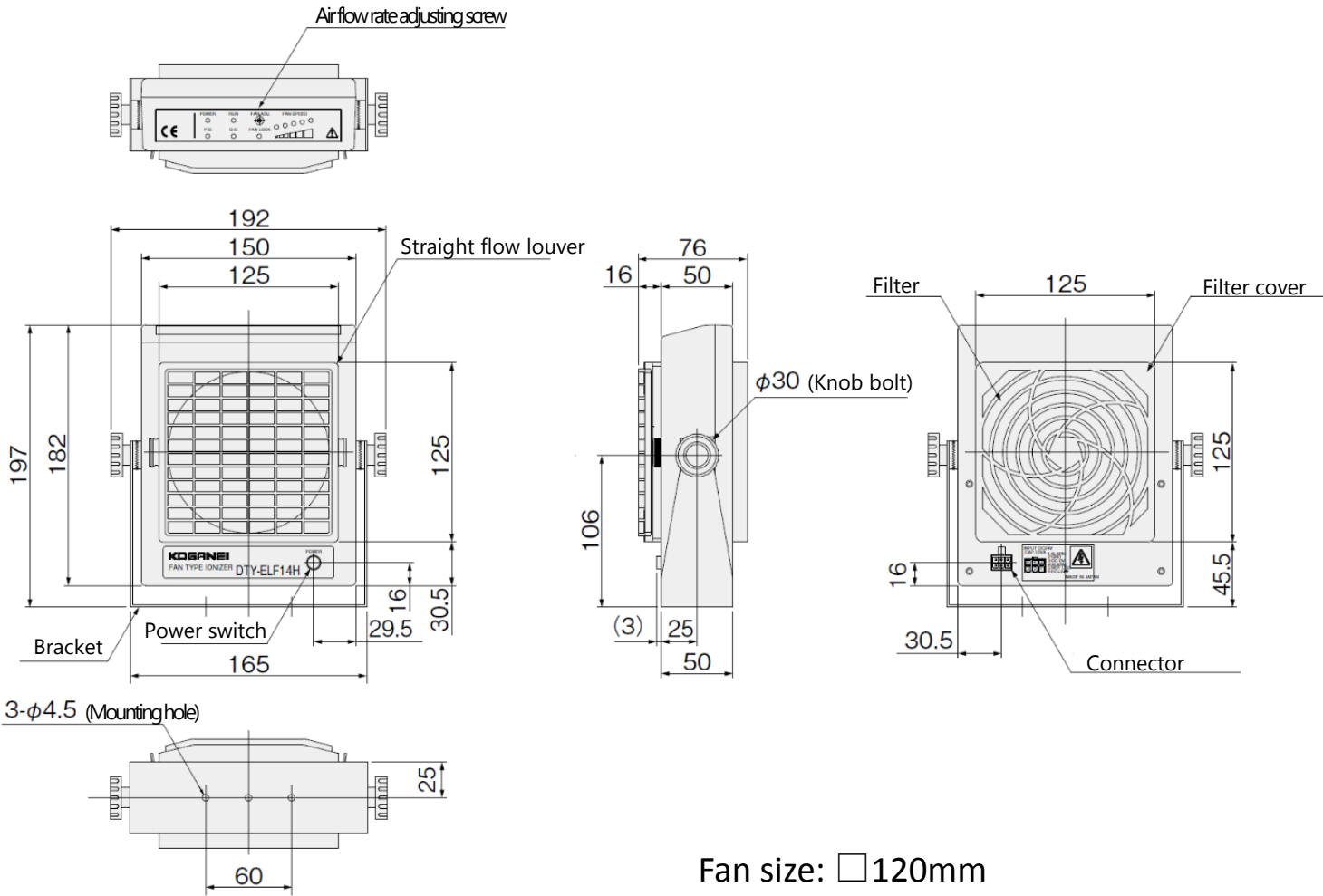
3-φ4.5 (Mounting hole)



Fan size: □80mm

# Dimensions

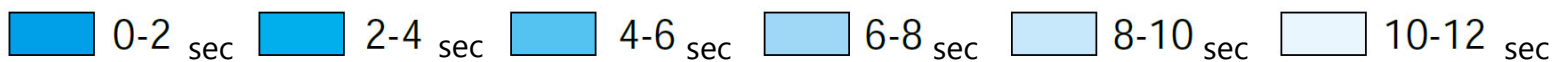
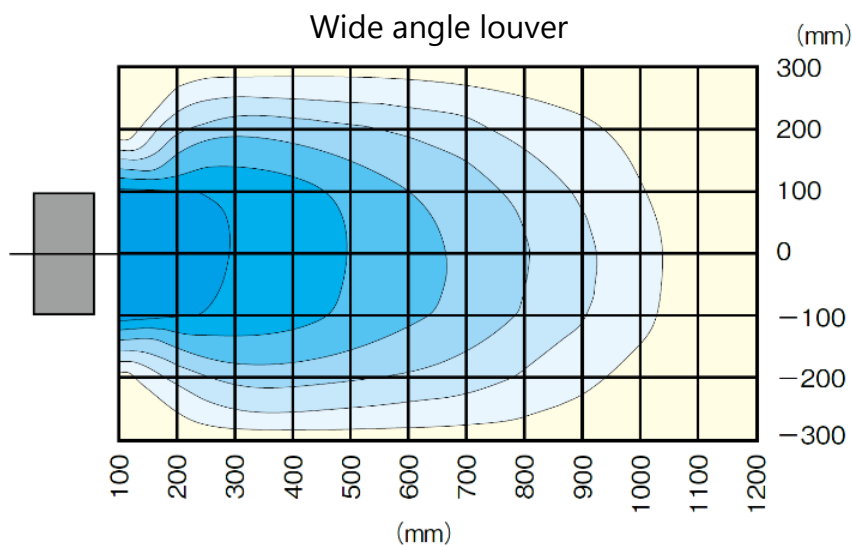
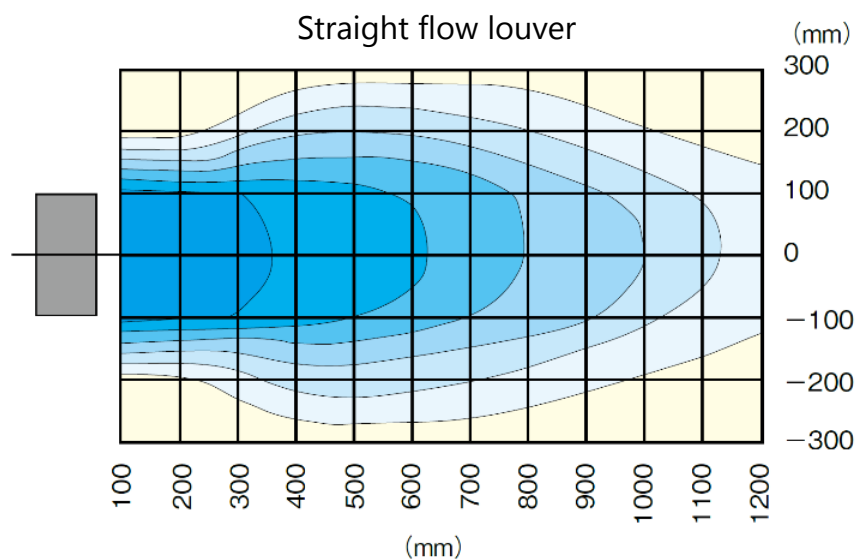
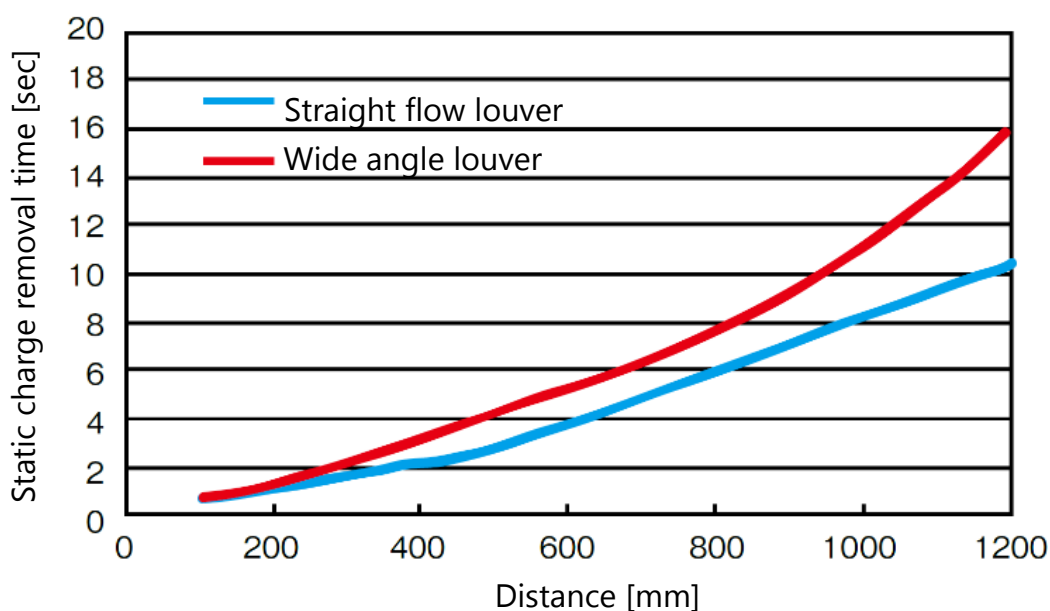
## DTY-ELF14H



Fan size: □120mm

# Graphs of Static Charge Removing Characteristics / Static Charge Removal Range of Straight-flow and Wide-angle Louver (image)

## DTY-ELF13H



# Graphs of Static Charge Removing Characteristics / Static Charge Removal Range of Straight-flow and Wide-angle Louver (image)

## DTY-ELF14H

