Specifications

Wide area fan type

Item \ Model		DTY-FA01	DTY-FA02
Input voltage		24 VDC ±5%	
Consumption current	A	1.0	1.25
Output voltage	kV	±7.5	
Indicator LED	POWER (green)	Lit when power is on	
	RUN (green)	Lit when high voltages are applied to electrodes	
	FAN SPEED (green)	Displayed as 5 levels of fan airflow	
	P.D. (red)	Lit when there is an electrical discharge abnormality (RUN LED turns off)	
	O.C. (red)	Lit when there is an overcurrent in the high voltage circuit (RUN LED turns off)	
	FAN LOCK (red)	Lit when there is a fan abnormality	—
Output		Contact output when red LED is lit (contact b, max. of 24 VDC, 50 mA)	
Ion balance Note 1	V	±5	
Static charge elimination time Note 1	sec.	1.0 or less	1.5 or less
Amount of ozone generated Note 2	ppm	0.006 or less	
Fan power	Maximum airflow m^3/min [ft^3/min]	3.2 × 2 fan [112.992 × 2 fan]	3.2 × 3 fan [112.992 × 3 fan]
	Control	Smooth control with airflow volume adjustment	
External dimensions Note 3	mm [in]	370 [14.6] (W) × 159 [6.3] (H) × 78.5 [3.091] (D)	566 [22.3] (W) × 146 [5.7] (H) × 69.5 [2.736] (D)
Weight Note 4	kg [lb]	1.7 [3.748]	3.1 [6.834]
Usage environment		Indoor 0 to 40°C [0 to 104°F], 15 to 85% RH (with no condensation)	
Accessories		Installation manual, AC adaptor, output signal lead wires (set of 2), cleaning brush for discharge needle 1 bracket set (DTY-FA01 mounted on unit, DTY-FA02 included)	

Note 1: 300 mm [11.8 in] from the center of the fan outlet, at maximum flow rate.
2: 150 mm [5.9 in] from the center of the fan outlet, at maximum flow rate.
3: When protrusions and brackets removed.
4: Including brackets.
Remark: Ion balance and static charge removal time were measured by in-house test standard. Contact us for more detail.

Overhead fan type

Item \ Model		DTY-HA01
Input voltage		100 to 240 VAC 50/60 Hz
Power consumption	VA	42
Output voltage	kV	±7.5
Indicator LED	POWER (green)	Lit when power is on
	H.V. ALARM (red)	Lit when there is a high voltage abnormality
Ion balance Note 1	V	±10
Static charge elimination time Note 1	sec.	4.0 or less
Amount of ozone generated Note 2	ppm	0.005 or less
Fan power	Maximum airflow m^3/min [ft^3/min]	4.0 × 3 fan [141.240 × 3 fan]
	Control	Smooth control with air flow rate adjusting knob
External dimensions Note 3	mm [in]	1020 [40] (W) × 60.5 [2.382] (H) × 150 [5.9] (D)
Weight	kg [lb]	5.0 [11.023]
Usage environment		Indoor 0 to 40°C [0 to 104°F], 15 to 85% RH (with no condensation)
Accessories		Installation manual, AC cable, cleaning brush for discharge needle

Note 1: 450 mm [17.7 in] from the center of the fan outlet, at maximum flow rate.
2: 150 mm [5.9 in] from the center of the fan outlet, at maximum flow rate.
3: When protrusions removed.
Remark: Ion balance and static charge removal time were measured by in-house test standard. Contact us for more detail.