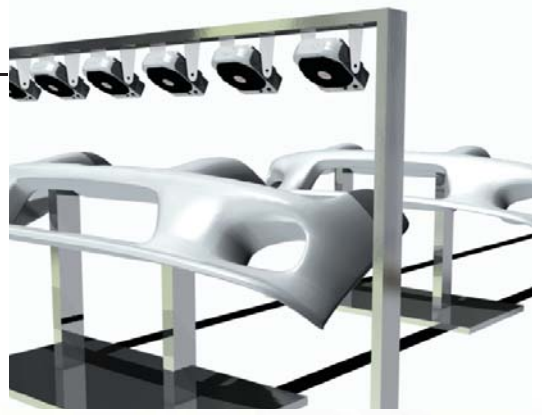


Ionizing Fan

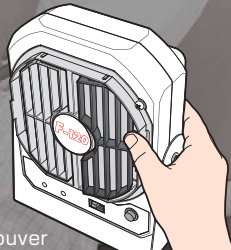


This type adopts a piezoelectric transformer that is safe and superior in ion generation. In addition, VESSEL's specific capacitive coupling method in which a discharge needle is sandwiched with resin and stainless disc, enables unmatched good ion balance.

Convenient functions such as extrenal output terminals, butterfly louver capable of switching the airflow directions, either straight or wide area.

Butterfly Louver

Press outer side to disperse air.
Press center to let air out straight.



Butterfly Louver



No. F120R-E Ionizing Fan

Cell production in which compactness and easiness to install at setup are important; Integrated In-line process that outputs alarms while maintaining ion balance; VESSEL fan-type ionizers can remove static electricity in an efficient way.

No. F-6 Ionizing Mini Fan

Ionizing method: Piezoelectric high-frequency AC corona discharge Applied voltage: 3.5kVAC

- Compact and lightweight body
- Fan speed can be adjusted in two steps.
- Provided with a clip suitable for mounting (F6CL-E)
- Provided with a general-purpose stand (F6ST-E)

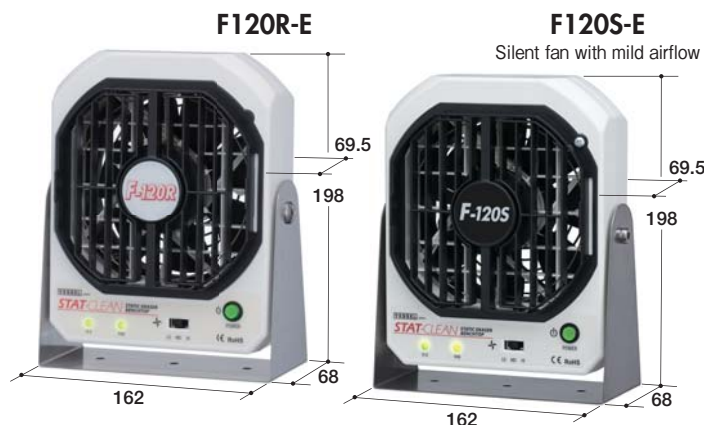
**CE RoHS**

Model No.	Power supply	Current consumption (mA) typ.	Decay time	Ion balance	Noise level (dBA)	Fan speed (max) (m/min)	Weight (g)	EDP No.
F6CL-E	24VDC±5%	220	within 3.0 sec	within ±10V	53	0.78	514	621632
F6ST-E	24VDC±5%	220	within 3.0 sec	within ±10V	53	0.78	460	621631

(Decay time and ion balance: 300mm from the front of a device and max. fan speed, Noise: 1m from the front of a device and max. air speed, Weight: including clip/stand)
 *Accessories: AC adapter AD-24-ITF6-E (100 to 240V AC), AC input cable (1.8m)

No. F120R/S Ionizing FanIonizing method: Piezoelectric high-frequency AC corona discharge Applied voltage: 10kVAC (p-p) **PAT.P.**

- Newly developed piezoelectric transformer makes the slim and compact model.
- Butterfly louvers for changing the airflow directions.
- Fan speed can be adjusted in three steps.
- Improvement in maintenance by easy-replaceable electrode needle unit.
- Equipped with terminals for alarm signal output, convenient for incorporation into equipment.
- F120S-E is a silent type with mild airflow.

**CE RoHS**

Model No.	Power supply	Current consumption (mA) max.	Decay time	Ion balance	Noise level (dBA)	Fan speed (max) (m/min)	Weight (g)	EDP No.
F120R-E	24VDC±5%	700	within 1.5 sec	within ±10V	61	3.66	900	621650
F120S-E	24VDC±5%	500	within 2.5 sec	within ±10V	51	2.21	900	621646

(Decay time and ion balance: 300mm from the front of a device and max. fan speed, Noise: 1m from the front of a device and max. air speed)

*Accessories: AC adapter AD-24-IT-EX (100 to 240V AC) AC cable (1.8m)
 *Option: Filter set F-120FS, Filter F-120EF

No. CF300-E Cross-flow Ionizing Fan NEW

Ionizing method: Piezoelectric high-frequency AC corona discharge Applied voltage: 9.2kVAC (p-p)

- Superior ionizing performance accomplished with the cross flow fan that sends out ions evenly and widely on the wind and the front cover design that takes the ion flow into consideration. Volume operation allows the non-step adjustment of airflow.
- Slide-type cleaning brush is mounted on the front cover to perform maintenance of needle electrodes at any time. On the bottom surface of the main body, a rough filter is used, which is easy to clean and replace.
- Monitoring functions of fan motor rotation monitoring function and high voltage output
- Shut-down function.

**CE RoHS**

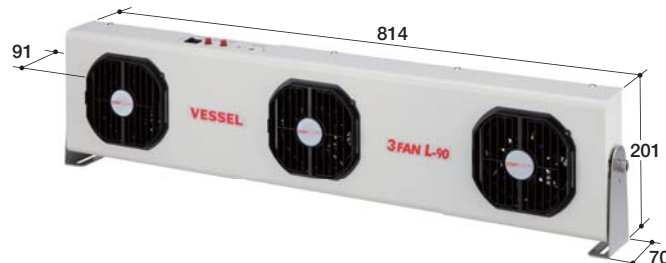
Model No.	Power supply	Current consumption (mA) max.	Decay time	Ion balance	Noise level (dBA)	Fan speed (max) (m/min)	Weight (g)	EDP No.
CF300-E	24VDC ±10%	500	within 1.5 sec	within ±10V	52.5	2.5	2.9	621657

(Decay time and ion balance: 300mm from the front of a device and max. fan speed, Noise: 1m from the front of a device and max. air speed)

*Accessories: AC adapter AD-24-IT-EX (100 to 240V AC) AC cable (1.8m) Cleaning brush

No. L-90-E Overhead Ionizing Triple-Fan NEWIonizing method: Piezoelectric high-frequency AC corona discharge Applied voltage: 10kVAC (p-p) **PAT.P.**

- Butterfly louver for changing the angle of wind direction from the front cover. Each front cover can be set for a desired direction - high speed spot elimination and/or wide area elimination respectively, corresponding to various applications.
- Unique capacitive-coupled needle electrodes maintain superior ion balance and long term performance.
- Lightweight design.
- Front cover can be removed by one-touch operation. Easy maintenance.

**CE RoHS**

Model No.	Power supply	Current consumption (A) max.	Decay time	Ion balance	Noise level (dBA)	Fan speed (max) (m/min)	Weight (g)	EDP No.
L-90-E	24VDC±5%	3.0	within 1.5 sec	within ±10V	72	4.7	4.7	621628

(Decay time and ion balance: 300mm from the front of a device and max. fan speed, Noise: 1m from the front of a device and max. air speed)

*Accessories: AC adapter AD-24-IT-37 (100 to 240V AC) AC cable (1.8m)