

IS-15 – Built-in Cyclone Dust collector –



Built-in Cyclone Dust collector. 50% or more of dust is separated by cyclone swirling flow before passing through the filter. Therefore, the load of the filter gets low and makes the filter life lasts longer. You can easily change suction port orientation, easy to dispose of collected dust, and easily replace the filter. It is a user-friendly designed dust collector.











Molded filter

Manual Shaking

General dry dust

Max. airflow

Premium efficiency motor

Features:

- Uses a hybrid isolator device with a large are filtration and cyclone swirling flow dust separation.
- Slim and compact.
- An environmentally friendly filter with a large filtration area.
- It's easy to Dispose of Dust(uses a commercially available container).
- It Makes Duct Connection Orientation to Freely (one of six different position can be selected for the suction port and bucket).
- It's Easy to Clean Filter (performed by manual shaking).
- It's Easy to Replace Filter (just open the top of the unit to replace the filter). •



• Molded cartridge filter



Material: Polyester Surface treatment: – Corresponding models:IS-15 Application: General dried particles (particle diameter about 10µm)

Option: Finfill, Antistatic, and Finfill + antistatic

Utilizes a newly developed filter having an inner/outer dual-layer filtration area. The filter with a wider surface area has a longer life and operates with greater stability.

Cyclone swirling flow



• Various Orientation



50% or more of dust is separated by cyclone swirling flow before passing through the filter.

Air containing dust particles is sucked inwards, forming a high-speed flow and swirling downwards along the inner surface of the unit. The dust concentration becomes higher as the external airflow becomes faster, and only the airflow with a lower concentration of dust along the inner surface of the unit is filtered. The dust on the outer side of the airflow drops directly into the bucket without making contact with the filter. This primary dust isolation separates out about 50 percent of the dust and reduces the load.

It's Makes Duct Connection Orientation to Freely

One of six different positions can be selected for the suction port and bucket by changing the pipe connection between the main unitand lower part of the unit.(Note that the position should not interfere when changing the filter)

Easy Dispose



It is easy to dispose of dust without getting dirty.

High airtightness, easy to setup dust bucket and easy to dispose dust.







Lift down lever for seting buket

• Easy Cleaning



Cyclone swirling flow

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Easy Replace



Just open the top of the unit to replace the filter. A locking device maintains operator safety during filter replacement, and no tools are needed so replacement is extremely simple

Internal Structure





965

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Unit(mm)

• Application



Cutting Work



Small parts manufacturing





Specification •

Particular	Unit	IS-15
Power Supply	Volt	220
Frequency	Hz	60
Output	kw/hp	0.75/1.0
Max Airflow	m³/min	9.0
Max. Static Pressure	kPa	2.0
Suction Port Ø	mm	125
Dimension (W x D x H)	mm	649 x 649 x 1462
Weight	kg	70