

Acid/Corrosive Cabinet

Safety cabinets for long-term storage of acid/base substances



SC-C1912D4

with Shelves 4ea, Tray 8ea (standard)

SC-C1906D2

with Shelf 1ea, Tray 2ea (standard),
Fume Extraction Module & Filters (option)



Filter-type harmful gas exhaust (option)

Filters harmful gas inside the cabinet with a carbon filter without connecting a separate duct. (see page 199 for details)



Key lock device

Key lock is provided as standard to block unauthorized access.



Corrosion-resistant PP Tray

Spill tray to prevent leakage of stored materials.



Safe stored materials handling

Ergonomic structure with easy access to shelves for user's safety and convenience.



Convenient moving and installation

Forklift fork space for convenient movement
Leveling feet for stable installation.



Identification pictogram stickers provided

Easy to classify stored materials with the provision of removable acid/base stickers.



Safe Storage From Corrosive Substances

- > **EN 14727 standards test completed**
Reliable acid/base material container that has passed laboratory cabinet testing for performance and durability according to the strictest European standards.
- > **Completed SEFA standards chemical tests**
Verified suitability for long-term storage of acid/base materials with testing of corrosion-resistant interior material, polypropylene shelf and exhaust outlet coated with polyphenol resin on the inside.
- > **Solid steel structure**
Stable construction of steel frame prevents structural deformation, and it has excellent external chemical resistance due to epoxy coating.
- > **No steel structure inside storage cabinet**
Stainless steel shelves, shelf racks, bolts, door catches, exhausts etc. are not used inside to prevent internal corrosion.
- > **Space-efficient internal compartments**
The internal compartment structure allows materials stored in one reagent cabinet to be classified according to their characteristics, allowing for safe storage. (except SC-C-0706D1)

Optimized For Categorized Storage

- > **Obtained performance certification**
Acquired certification from the Ministry of SMEs (in Korea) for preventing mixing of samples (solutions, exhaust gases) between storage compartments.



Strong and Secure Shelf Structure

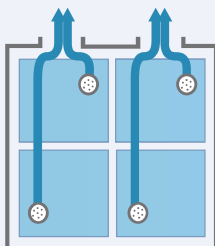
- > **Strong shelf structure**
It is a solid structure allowing for up to 80kg to be held per shelf and it can be fixed firmly to the left and right inside walls.
- > **Safe shelf design**
The shelf tray with a minimum depth of 30mm is made of polypropylene and is designed to be safe even when storage spills out. The corresponding tray is provided as standard for each model.

Convenient and Safe Ventilation System

- > **Ventilation opening per inner compartment**
It is possible to achieve maximum exhaust with there being a ventilation opening inside each compartment, preventing accumulation of gas.
- > **Connection of exhaust system (option)**
The exhaust port can be conveniently connected to the exhaust system, making it easy to remove harmful gas.

Safe storage with separate gas discharge path according to storage characteristics


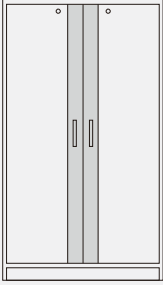


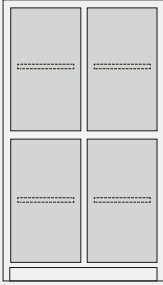
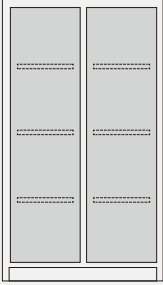


Outlets for contaminated air are designed for each internal space, so there is no heterogeneous gas mixing inside the storage compartment, and safe storage is possible as materials are stored according to their characteristics.



(Patent Registration No. 10-1614122)



Specification (Tall Type)

Model	SC-C-1912D4	SC-C-1912D2	SC-C-1906D2	SC-C-1906D1
Internal volume (L / cu ft)	852 (213 x 4ea) / 30.1 (7.5 x 4ea)	894 (447 x 2ea) / 31.6 (15.8 x 2ea)	426 (213 x 2) / 15.0 (7.5 x 2ea)	445 / 15.7
Interior dimensions (W x D x H, mm / inch)	561 x 466 x 818 * 4ea / 22.1 x 18.3 x 32.2 * 4ea	561 x 466 x 1712 * 2ea / 22.1 x 18.3 x 67.4 * 2ea	561 x 466 x 818 * 2ea / 22.1 x 18.3 x 32.2 * 2ea	558 x 466 x 1712 / 22.1 x 18.3 x 67.4
Exterior dimensions (W x D x H, mm / inch)	1255 x 555 x 1900 / 49.4 x 2.2 x 74.8	1255 x 555 x 1900 / 49.4 x 2.2 x 74.8	655 x 555 x 1900 / 25.8 x 2.2 x 74.8	655 x 555 x 1900 / 25.8 x 2.2 x 74.8
Quantity of shelf (standard / max.)	4 / 8	6 / 12	2 / 4	3 / 6
Quantity of tray (standard / max.)	8 / 12	8 / 14	4 / 6	4 / 7
Distance of between shelves (mm / inch)	120 / 4.7	100 / 3.9	130 / 5.1	100 / 3.9
Max. load per shelf (kg / lbs)	80 / 176.4	80 / 176.4	80 / 176.4	80 / 176.4
Weight (kg / lbs)	284 / 626.1	257 / 566.6	160 / 352.7	146 / 321.9
Cat. No.	AAAF60043	AAAF60025	AAAF60023	AAAF60011
Product appearance				
Product interior				

※ If combustible vapor is delayed without ventilation during storage of corrosive materials such as acid/base materials, this may affect the durability of the product, or the inside air may become contaminated. Therefore, it is recommended to connect to the ventilation system of the building or to a separate exhaust system.

※ There is an exhaust vent at the top of the cabinets, so it can be used by connecting to the forced exhaust or purifier.

Accessories



Tray (PP)



Extraction Module (option)

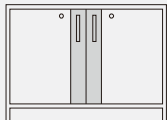
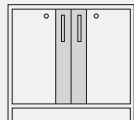
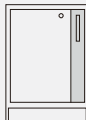







Plinth (Side) + EM-33

Accessories	Description (W x D x H, mm / inch)	SC-C-1912D4	SC-C-1912D2	SC-C-1906D2	SC-C-1906D1
Tray	545 x 419 x 33 / 21.5 x 16.5 x 1.3 (Polypropylene)	00SCF0000037 (8 included as standard)	00SCF0000037 (8 included as standard)	00SCF0000037 (8 included as standard)	00SCF0000037 (8 included as standard)
Fume extraction module (EM-33)	348 x 498 x 343 / 13.7 x 19.6 x 13.5 (230V, 60Hz)	AAAF1536	AAAF1536	AAAF1536	AAAF1536
Plinth (Top) ¹⁾	852 x 480 x 49 / 33.5 x 18.9 x 1.9	AAAF15362	AAAF15362	-	-

1) In case of using the 1ea extraction module, one plinth (top) need to order together. But when you ordered the 2ea extraction module, don't need to order extra plinth (top)

Specification (Under Type)

Model	SC-C-0812D2	SC-C-0809D2	SC-C-0806D1	SC-C-0706D1
Internal volume (L / cu ft)	312 (156 x 2ea) / 11.0 (5.5 x 2ea)	226 (113 x 2ea) / 8.0 (4.0 x 2ea)	146 / 5.2	115 / 4.1
Interior dimensions (W x D x H, mm / inch)	543 x 456 x 634 * 2ea / 21.4 x 18.0 x 25.0 * 2ea	393 x 456 x 634 * 2ea / 15.5 x 18.0 x 25.0	505 x 456 x 634 / 19.9 x 18.0 x 25.0	505 x 421 x 542 / 19.9 x 18.0 x 21.3
Exterior dimensions (W x D x H, mm / inch)	1200 x 548 x 820 / 47.2 x 21.6 x 32.3	900 x 548 x 820 / 35.4 x 21.6 x 32.3	600 x 548 x 820 / 23.6 x 21.6 x 32.3	600 x 510 x 650 / 23.6 x 20.1 x 25.6
Quantity of tray	2	2	1	1
Max. load per tray (kg / lbs)	80 / 176.4	80 / 176.4	80 / 176.4	80 / 176.4
Weight (kg / lbs)	110 / 242.5	92 / 202.8	65 / 143.3	52 / 114.6
Cat. No.	AAAF60122	AAAF60121	AAAF60113	AAAF60012
Product appearance				
Product interior				

※ If combustible vapor is delayed without ventilation during storage of corrosive materials such as acid/base materials, this may affect the durability of the product, or the inside air may become contaminated. Therefore, it is recommended to connect to the ventilation system of the building or to a separate exhaust system.

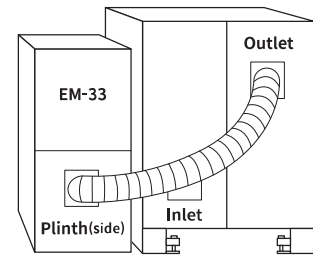
Accessories

Accessory	Description (W x D x H, mm / inch)	SC-C-0812D2	SC-C-0809D2	SC-C-0806D1	SC-C-0706D1
Tray	PP (545 x 419 x 33 / 21.5 x 16.5 x 1.3)	00CBN0000010	-	-	-
	PP (470 x 370 x 100 / 18.5 x 14.6 x 3.9)	-	-	00CBN0000010	00CBN0000010
	PVC (390 x 450 x 37 / 15.3 x 17.7 x 1.5)	-	00SCF0000100	-	-
Plinth (side)	480 x 340 x 350 / 7.1 x 13.4 x 13.8	AAAF15364	AAAF15364	AAAF15364	AAAF15364

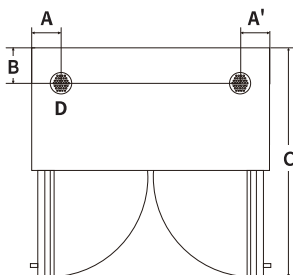
Dimension

(Unit: mm / inch)

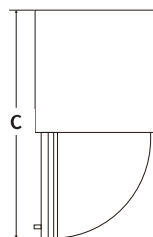
	Model	A	A'	B	C	D (Dia.)
Tall	SC-C-1912D4	315 / 12.4	315 / 12.4	75 / 3.0	1110 / 43.7	102 / 4.0
	SC-C-1912D2	315 / 12.4	315 / 12.4	75 / 3.0	1110 / 43.7	102 / 4.0
	SC-C-1906D2	325 / 12.8	-	75 / 3.0	1120 / 44.1	102 / 4.0
	SC-C-1906D1	325 / 12.8	-	75 / 3.0	1120 / 44.1	102 / 4.0
Under	SC-C-0812D2	130 / 5.1	520 / 20.5	605 / 23.8	1190 / 46.9	102 / 4.0
	SC-C-0809D2	130 / 5.1	370 / 14.5	605 / 23.8	940 / 37.0	102 / 4.0
	SC-C-0806D1	130 / 5.1	-	605 / 23.8	1060 / 41.7	102 / 4.0
	SC-C-0706D1	130 / 5.1	-	435 / 17.1	1060 / 41.7	102 / 4.0



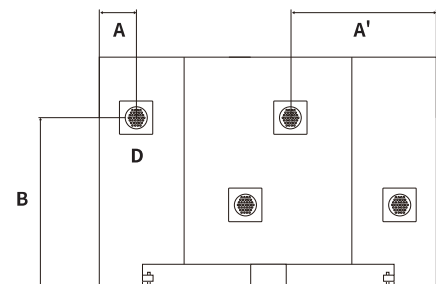
Option: Plinth (side)+EM-33



Tall: Upper side



Under: Upper side



Under: Back side