



# INDUSTRIAL ENCLOSURE VENTILATION

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**SEIFERT SYSTEMS**

THERMAL MANAGEMENT FOR ENCLOSURES AND MACHINERY



## SOLVENT PRO

### Industrial enclosure ventilation

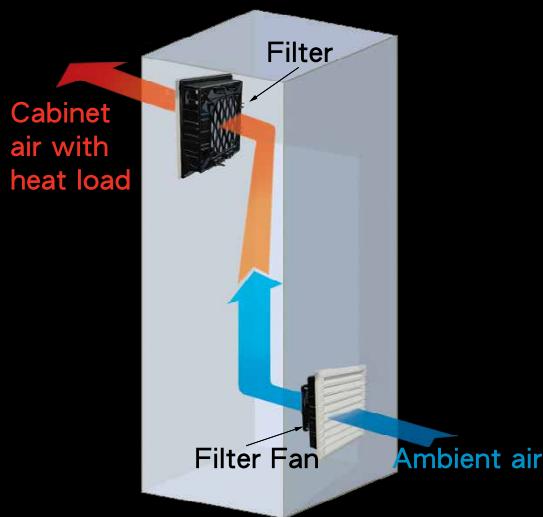


- ✓ Best price / performance ratio
- ✓ Energy efficient
- ✓ Available for Indoor / Outdoor
- ✓ IP 54/55, Type 12, 3R
- ✓ With protection hoods IP 56, Type 4/4X UL certified, optional FDA versions
- ✓ Tool free installation
- ✓ Additional colors on request

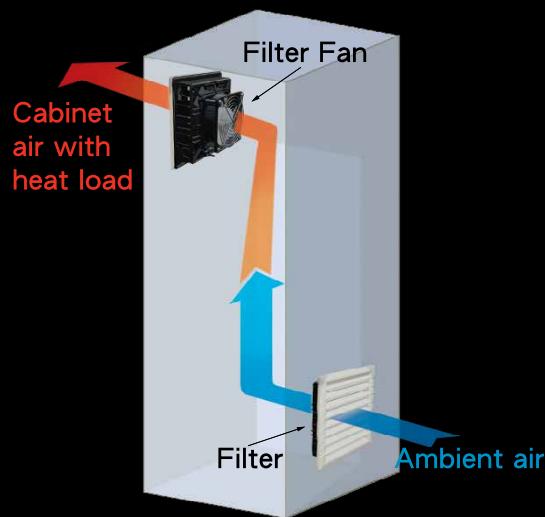
SOLVENT PRO filter fans are used for optimal ventilation of industrial enclosures. The supply of filtered, cooler ambient air and the removal of warmer enclosure air guarantees an optimal temperature. This leads to a longer service life of the electronics used.

SOLVENT PRO filter fans are offered with 2 different airflow directions – Intake or Exhaust.

#### Standard flow



#### Reverse flow



Type 12  
Enc. Acc.  
E498756  
Type 3R

Model	SF 4711 size 4 x 4"			SF 4714 size 6 x 6"			
Order no. Indoor (RAL 7035)	4711022001	4711122001	4711322001	4714022201	4714122201	4714833201	4714322201
Order no. Outdoor (RAL 9005)	4711022003	4711122003	4711322003	4714022203	4714122203	4714833203	4714322203
Voltage	230 V AC	120 V AC	24 V DC	230 V AC	120 V AC	120 - 240 V AC	24 V DC
Air flow unimpeded IP 54 <sup>1)</sup>	13.3 CFM		12.5 CFM	27.7 CFM		40.3 CFM	34.6 CFM
Operating temperature Indoor				14 °F - 131 °F			
Operating temperature Outdoor				-40 °F - 158 °F			
Cut-out dimension (inch)	3.62 x 3.62			4.88 x 4.88			
Order no. matching exhaust filter	4711902001 (RAL 7035) / 4711902003 (RAL 9005)			4714902001 (RAL 7035) / 4714902003 (RAL 9005)			
Order no. filter media IP 54	AC-4711-02			AC-4714-02			
Order no. filter media IP 55	-			AC-4714-03			
Order no. protection hood IP 56	4000000020			4000100020			

Model	SF 4720 size 8 x 8 "			
Order no. Indoor (RAL 7035)	4720022201	4720122201	4720882201	4720352201
Order no. Outdoor (RAL 9005)	4720022203	4720122203	4720882203	4720322203
Voltage	230 V AC	120 V AC	120 -240 V AC	24 V DC
Air flow unimpeded IP 54 <sup>1)</sup>	53.3 CFM		84 CFM	76.5 CFM
Operating temperature Indoor		14 °F - 131 °F		
Operating temperature Outdoor		-40 °F - 158 °F		
Cut-out dimension (inch)		6.97 x 6.97		
Order no. matching exhaust filter	4720902001 (RAL 7035) / 4720902003 (RAL 9005)			
Order no. filter media IP 54	AC-4720-02			
Order no. filter media IP 55	AC-4720-03			
Order no. protection hood IP 56	4000200020			

Model	SF 4725 size 10 x 10 "				
Order no. Indoor (RAL 7035)	4725082201	4725182201	4725852201	4725352201	4725392201
Order no. Outdoor (RAL 9005)	4725082203	4725182203	4725852203	4725352203	4725392203
Voltage	230 V AC	120 V AC	120 -240 V AC	24 V DC	24 V DC
Air flow unimpeded IP 54 <sup>1)</sup>	156 CFM		112 CFM	108 CFM	155 CFM
Operating temperature Indoor		14 °F - 131 °F			
Operating temperature Outdoor		-40 °F - 158 °F			
Cut-out dimension (inch)		8.82 x 8.82			
Order no. matching exhaust filter	4725902001 (RAL 7035) / 4725902003 (RAL 9005)				
Order no. filter media IP 54	AC-4725-02				
Order no. filter media IP 55	AC-4725-03				
Order no. protection hood IP 56	4000300020				

Model	SF 4732 size 13 x 13 "				
Order no. Indoor (RAL 7035)	4732052501	4732082501	4732152501	4732182501	4732282501
Order no. Outdoor (RAL 9005)	4732052503	4732082503	4732152503	4732182503	4732282503
Voltage	230 V AC		120 V AC		400 V AC
Air flow unimpeded IP 54 <sup>1)</sup>	421.8 CFM	501 CFM	422 CFM	501 CFM	379 CFM
Operating temperature Indoor		14 °F - 131 °F			
Operating temperature Outdoor		-40 °F - 158 °F			
Cut-out dimension (inch)		11.5 x 11.5			
Order no. matching exhaust filter	4732902001 (RAL 7035) / 4732902003 (RAL 9005)				
Order no. filter media IP 54	AC-4732-02				
Order no. protection hood IP 56	4000400020				

<sup>1)</sup> Values for 60 Hz

## FH 563 recirculation fan

Eliminating "hot pockets", ensuring equal temperature throughout the entire enclosure, reduction of cooling needs (forced convection by shifting cold air to the top of the enclosure)

Model	Internal recirculation fan FH 563		
Order no.	5631201	5631212	5631233
Air flow unimpeded	88.3 CFM		105 CFM
Voltage	230 V AC	120 V AC	24 V DC
Power	20 / 17 W	21 / 18 W	5 W
Current	0.17 A	0.26 A	0.20 A
Operating temperature	14 °F - 131 °F		
Fuse rating	1 A (T)		



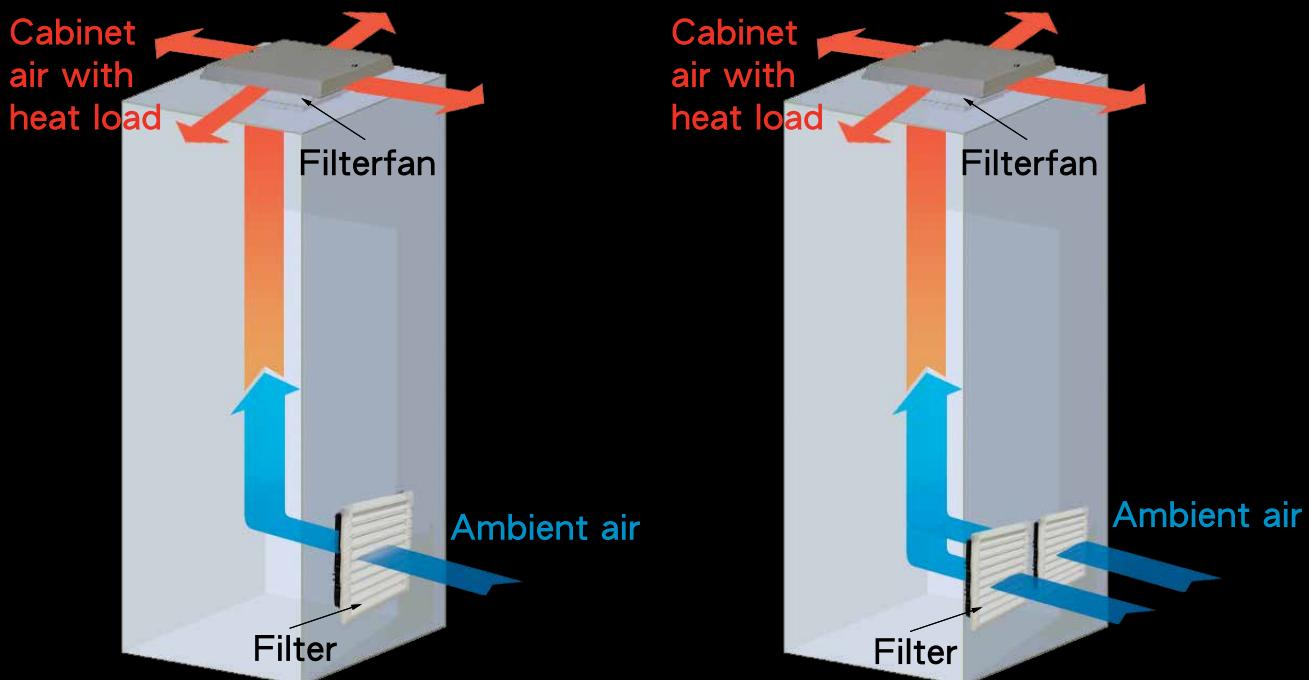
## SOLVENT PRO TOP

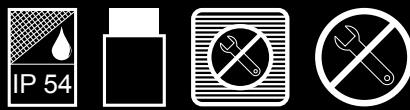
If there is no other space available



- ✓ One cutout for five different air flow volumes
- ✓ Easy installation, filter included
- ✓ Low installation depth
- ✓ Various clip options for thermostats
- ✓ Robust mild steel construction, powder coated
- ✓ Fast & easy maintenance outside the enclosure

SOLVENT PRO TOP roof mounted filter fans are ideal for applications where there is no space on enclosure doors or walls. Their robust mild steel body and IP 54 / Type 12 protection class, make them ideal for challenging environments. They are easy to install and servicing can be done from outside the enclosure.





CE UK CA cULus cULus LISTED  
End. Acc. E498756

Model	FL 6064A			FL 6065A									
Order no.	6064A4000	6064A3000	6064D2000	6065A4000	6065A3000	6065A9000							
Order no. matching exhaust filter	600000000												
Voltage	230 V AC	120 V AC	24 V DC	230 V AC	120 V AC	400 / 460 V AC							
Air flow unimpeded IP 54	290 CFM		188.3 CFM	290 CFM									
Operating temperature	14°F – 131°F												
Dimensions (inch)	5.8 x 18 x 18												
Cutout dimensions (inch)	11.46 x 11.46												
Housing material	Mild steel powder coated, RAL 7035												
Noise level	51 dB(A)		70 dB(A)										
Order no. washable aluminium filter (4 pcs.)	AC-60XX-BF-1												
Order no. fibre filter G3 (4 pcs.)	AC-60XX-O-1												

Model	FL 6085A			FL 6095A									
Order no.	6085A4000	6085A3000	6085A9000	6095A4000	6095A3000	6095A9000							
Order no. matching exhaust filter	600000000												
Voltage	230 V AC	120 V AC	400 / 460 V AC	230 V AC	120 V AC	400 / 460 V AC							
Air flow unimpeded IP 54	370CFM			570 CFM									
Operating temperature	14°F – 131°F												
Dimensions (inch)	5.8 x 18 x 18												
Cutout dimensions (inch)	11.46 x 11.46												
Housing material	Mild steel powder coated, RAL 7035												
Noise level	70 dB(A)		76 dB(A)										
Order no. washable aluminium filter (4 pcs.)	AC-60XX-BF-1												
Order no. fibre filter G3 (4 pcs.)	AC-60XX-O-1												

CE UK CA

Model	FL 6995A			FL 6996A	
Order no.	6995A4000	6995A3000	6995A9000	6996A4000	
Order no. matching exhaust filter	600000000				
Voltage	230 V AC	120 V AC	400 / 460 V AC	230 V AC	
Air flow unimpeded IP 21	883CFM			882.9 CFM	
Operating temperature	14°F – 131°F				-4°F – 131°F
Dimensions (inch)	5.8 x 18 x 18				12.2 x 22 x 22
Cutout dimensions (inch)	11.46 x 11.46				16.1 x 16.1
Housing material	Mild steel powder coated, RAL 7035				
Noise level	82 dB(A)			55 dB(A)	
Order no. washable aluminium filter (4 pcs.)	AC-60XX-BF-1				
Order no. fibre filter G3 (4 pcs.)	AC-60XX-O-1				



## Protection hood

Enhanced protection for filter fans and exhaust filters

### FC 4000

- ✓ Protection against water jets
- ✓ UL certified in combination with Seifert filter fans and exhaust filters
- ✓ Models with food safe gasket (blue)
- ✓ Stainless steel version complies to UL Type 4X
- ✓ Tool-less filter replacement & servicing
- ✓ Easy to clean



Type 4  
Type 4X

Encl. Acc.  
E495756

Model	FC 4000				
Order no. with food safe gasket	4000000020	4000100020	4000200020	4000300020	4000400020
Housing material / gasket colour	Stainless steel AISI 304 (V2A) / blue				
Order no. with standard Silicon gasket	4000000200	4000100200	4000200200	4000300200	4000400200
Housing material / gasket colour	Mild steel powder coated / RAL 7035 / white				
Suitable for filter fan / exhaust filter	SF 4711	SF 4714	SF 4720	SF 4725	SF 4732
Dimensions (H x W x D)	9.1 x 5.9 x 1.6 inch	9.7 x 6.9 x 2.2 inch	13 x 9.2 x 2.2 inch	15.4 x 11.1 x 3.3 inch	18.9 x 13.8 x 4.3 inch
Installation	Mounting screws torque: 4.5 Nm				
Protection classes <sup>1)</sup>	IP 56 / Type 1, 2, 3, 3X, 3R, 3RX, 3S, 3SX, 4, 4X, 5, 12, 12K, 13				

<sup>1)</sup> When installed according to instruction manual



#### Stainless steel

- ✓ Silicon gasket with high consistency suitable for the food processing industry.
- ✓ Increased protection to IP 56 / UL Type 4X
- ✓ Protects filter fans and exhaust filters from wind driven rain and water jets
- ✓ Easy to clean



#### Mild steel, powder coated

- ✓ Standard Silicon gasket
- ✓ Increased protection to IP 56 / UL Type 4
- ✓ Protects filter fans and exhaust filters from wind driven rain and water jets
- ✓ Easy to clean

#### UL TYPE 4X



= IP 56 =

#### UL TYPE 4





## Ventilation controls

SOLIFLEX thermostats, hygrostats and dehumidifier ensure an optimal and trouble free climate inside your enclosures.

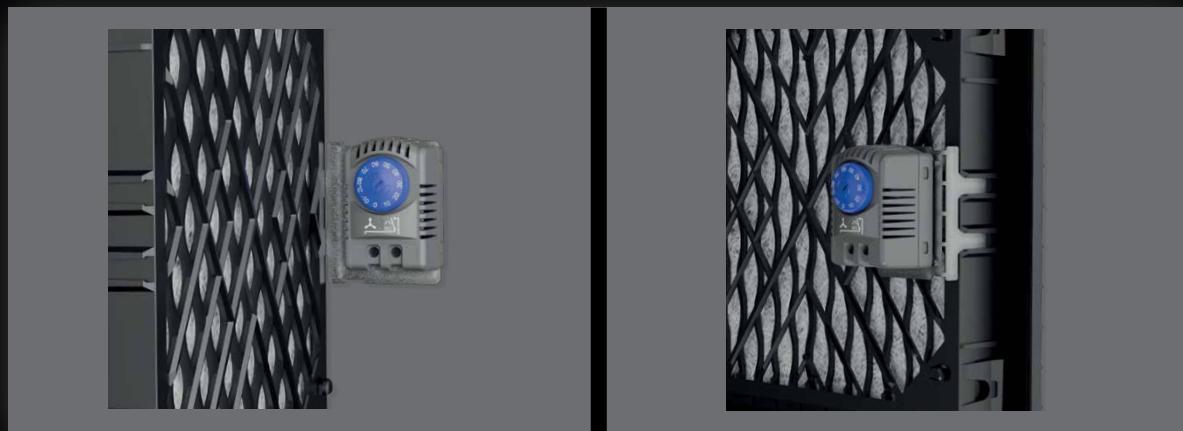
Thermostats are available as normally closed / NC (red disk) or as normally open / NO (blue disk), and are available in mechanical or electronic versions.

Normally open thermostats are used for switching filter fans on when the preset temperature limit has been exceeded. The filter fans will then only operate when cooling is actually necessary, resulting in additional energy saving and extended life time of the electronic components.



Model	PRESET THERMOSTATS CC 3010			ADJUSTABLE THERMOSTATS CC 3011		
Order no.	301030	301040	301050	301121		
Setting range	ON 95°F OFF 77°F	ON 122°F OFF 104°F	ON 140°F OFF 122°F	14°F – 176°F (NO)		
Operating temperature range	-49°F – 248°F					
Dimensions (H x W x D)	2.4 x 1.5 x 1.5 inch		2.4 x 1.5 x 1.7 inch			
Housing material / colour	PC plastic, RAL 7011					
Voltage / Frequency	max. 250 V AC 16 A(res) / 10 A(ind) max. 72 V DC max. 30 W					
Switching point tolerance	Hyst.10±2K / Sw.Pt.tol ±2K		Hyst. 7±3K / Sw.Pt.tol ±4K			
Connection	2-pole terminal, clamping torque 0.5 Nm max. solid wire – AWG 14 max. stranded wire – AWG 16 max.					

By use of an optional mounting clip (order number 470301, not for SF 4711), it is easy to attach a thermostat to the exhaust filter or filter fan, thus enabling accurate measurement of the enclosure temperature at the right spot.



Clip with variable mounting options

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