Systemair EFF
Installation instruction

Cleaning

The extract device is easily removed for cleaning, since it's mounted with the help of friction springs.

Clean the device using lukewarm water and a mild detergent.

Adjustment

See below.

K-faktor	Air gap (mm)						Straight spigot		
Size	**-18**	**-15**	**-12**	**-10**	**-7**	**-5**	**0**	**+5**	**+10**
	-	0,48	0,76	0,86	1,06	1,11	1,26	1,34	1,37
EFF-80	-	-	0,63	0,81	1,07	1,29	1,74	2,03	2,31
EFF-100	0,75	1,2	1,55	1,86	2,15	2,34	2,81	3,3	3,67
EFF-125	0,76	1,1	2,29	2,48	2,95	3,42	4,12	5,14	5,81
EFF-160	-	-	-	2,29	3,15	3,58	4,72	5,51	6,83
EFF-200	-	2,1	2,9	3,4	4,1	4,6	6,0	7,5	9,0

Valid for mounting in a straight spigot with a minimum length of 300 mm. Adjust medium pressure.

Example

Formula given

$q = k \cdot \sqrt{Pi}$

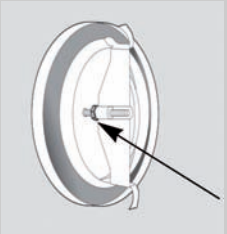
Where q = airflow (l/s)
k = K-factor
P_i = adjustment pressure (Pa)

Using the formula to calculate airflow

Size	EFF 100
Measured pressure	67 Pa
Mounting	in a straight spigot
Air gap	+ 10
K-factor (from label)	3,67

Put into the formula:
$q = 3{,}67 \cdot \sqrt{67} = 30$ l/s

Adjustment
Adjust the damper until the pressure meter shows 21,4 Pa. The airflow is then 25 l/s.



Remember to tighten the locking nut when the adjustment is finished!