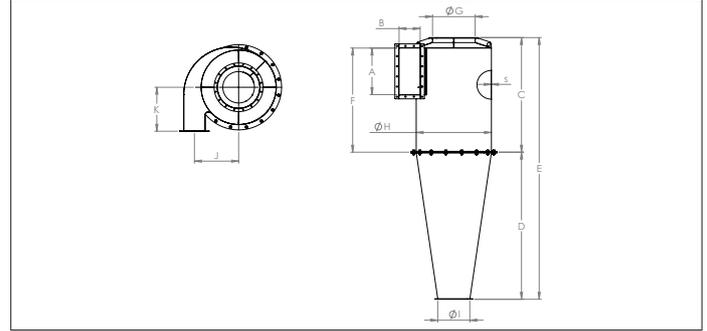


FA cyclones



FA cyclones

The FA cyclone is a high performance separator that ensures an effective separation of fine and heavy particles. Entirely welded, the FA cyclone is made of 2 and 3 mm sheet metal, painted with anti-rust paint and topcoat of epoxy paint.

Accessories

- Support legs with connection at the base of the cone
- 90 L dust bucket
- Connection piece for rotary valve
- Expansion chamber
- Leg extensions for Big-Bag use
- In- and outlet pieces

Material

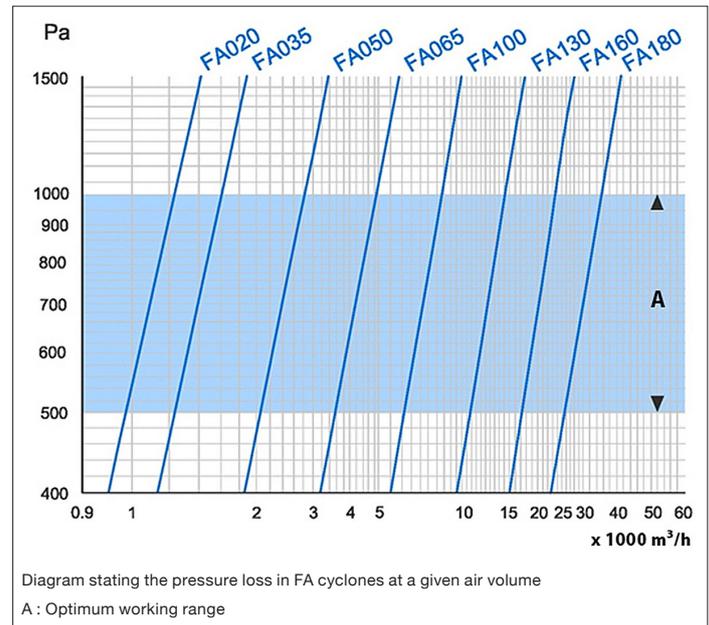
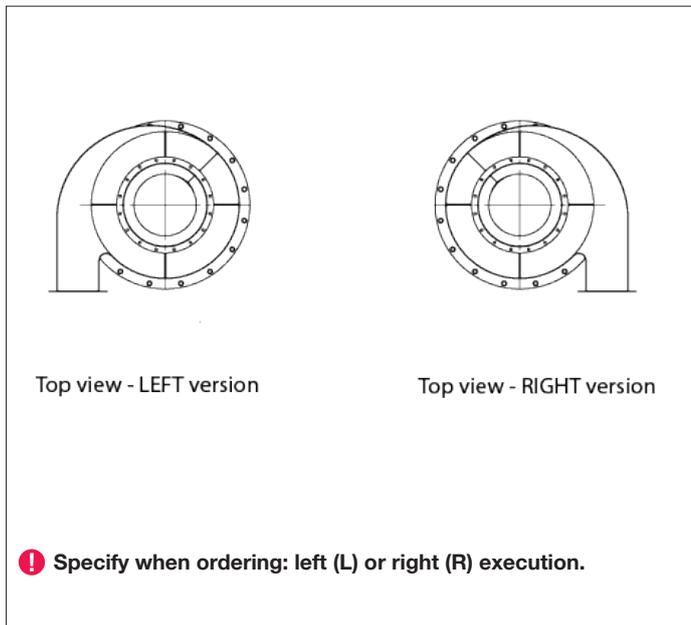
St 37.2 black steel powder coated RAL 5010, temperature resistance : +80°C.

Type

2 mm rolled plates welded together. Hopper and body assembled by bolts.

Options

- Stainless steel (AISI 304L or 316L)
- Galvanized
- Reinforced
- Other legs
- Inspection door
- Other RAL colors
- Removable wear plate on inlet



| Model | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | Int. ØG (mm) | Int. ØH (mm) | Int. ØI (mm) | J (mm) | K (mm) | s (mm) | Weight (kg) |
|--------|--------|--------|--------|--------|--------|--------|--------------|--------------|--------------|--------|--------|--------|-------------|
| FA 20 | 230 | 100 | 645 | 820 | 1465 | 570 | 225 | 400 | 160 | 234 | 240 | 2 | 25.0 |
| FA 35 | 285 | 125 | 770 | 1020 | 1790 | 710 | 250 | 500 | 200 | 290 | 300 | 2 | 35.0 |
| FA 50 | 350 | 160 | 770 | 1020 | 1790 | 710 | 250 | 500 | 200 | 308 | 300 | 2 | 36.0 |
| FA 65 | 445 | 200 | 1095 | 1405 | 2500 | 998 | 400 | 710 | 300 | 419 | 420 | 2 | 70.0 |
| FA 100 | 560 | 300 | 1675 | 2050 | 3725 | 1490 | 550 | 1000 | 400 | 615 | 600 | 2 | 143.0 |
| FA 130 | 750 | 400 | 2270 | 2820 | 5090 | 2000 | 700 | 1250 | 450 | 782 | 700 | 3 | 339.0 |
| FA 160 | 1100 | 500 | 2270 | 3150 | 5420 | 2000 | 800 | 1600 | 550 | 1050 | 900 | 3 | 479.0 |
| FA 180 | 1500 | 500 | 2800 | 3450 | 6250 | 2500 | 1000 | 1800 | 630 | 1150 | 950 | 3 | 682.0 |

FA cyclones



FA cyclone with legs



FA cyclone with legs and dust bucket



FA cyclone expansion chamber with leg extensions



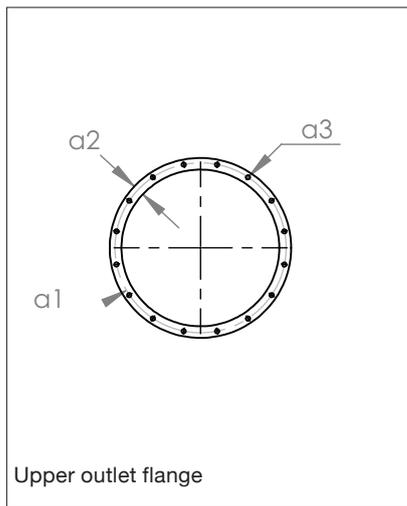
FA cyclone dust bucket with flexible connection



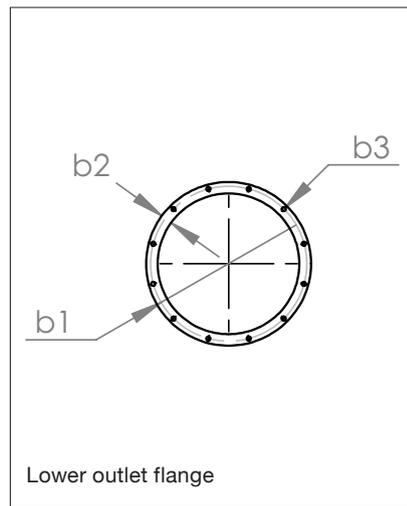
FA cyclone dust bucket (heavy model)



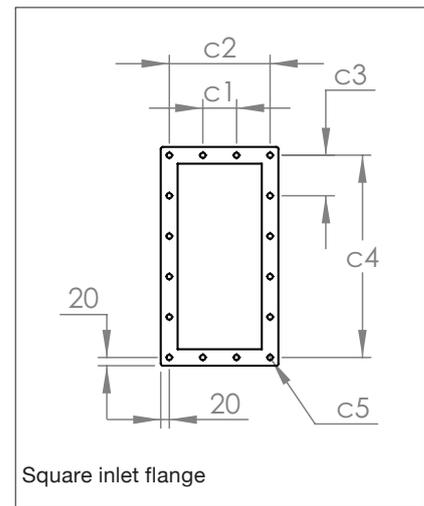
FA cyclone expansion chamber for a better air/particles separation



Upper outlet flange



Lower outlet flange



Square inlet flange

| Model | Air volume (m ³ /h) | Upper outlet flange | | | Lower outlet flange | | | Square inlet flange | | | | |
|--------|-----------------------------------|---------------------|----|-----------|---------------------|----|-----------|---------------------|---------|------|---------|-----|
| | | Øa1 | a2 | Ø a3 | Øb1 | b2 | Øb3 | c1 | c2 | c3 | c4 | Øc5 |
| FA 20 | 0,1 | 260 | 25 | 12 x 9.5 | 195 | 25 | 8 x 9.5 | 70 | 2 x 70 | 90 | 3x 90 | 13 |
| FA 35 | 0,3 | 285 | 25 | 12 x 9.5 | 235 | 25 | 12 x 9.5 | 82,5 | 2x 82.5 | 108 | 3x 108 | 13 |
| FA 50 | 0,3 | 285 | 25 | 12 x 9.5 | 235 | 25 | 12 x 9.5 | 100 | 2x 100 | 97.5 | 4x 97.5 | 13 |
| FA 65 | 0,7 | 439 | 30 | 16 x 11.5 | 336 | 25 | 12 x 9.5 | 80 | 3x 80 | 97 | 5x 97 | 13 |
| FA 100 | 2,1 | 590 | 30 | 16 x 11.5 | 439 | 30 | 16 x 11.5 | 113 | 3x 113 | 100 | 6x 100 | 13 |
| FA 130 | 4,3 | 750 | 40 | 24 x 11.5 | 489 | 30 | 16 x 11.5 | 110 | 4x 110 | 99 | 8x 99 | 13 |
| FA 160 | 7,3 | 850 | 40 | 24 x 11.5 | 590 | 30 | 16 x 11.5 | 108 | 5x 108 | 104 | 11x 104 | 13 |
| FA 180 | 11,0 | 1050 | 40 | 24 x 11.5 | 670 | 30 | 24 x 11.5 | 108 | 5x 108 | 103 | 15x 103 | 13 |

FA cyclones

Working principle of flow through FA cyclone :

