



## 3 IN 1

- 1 Eliminate Harmonics
- 2 Perform Power Factor Correction
- 3 Stabilizes Voltage

AFC-3 low voltage active filter is the newest generation and completely digital harmonic elimination device perfect to solve power quality problems.

Comparing with traditional technology AFC-3 active filter has following advantages:

- Faster speed.
- Smaller appearances.
- Stronger function.
- Realise power compensation (no dynamic compensation).
- Solve voltage fluctuations and flicker.
- Easy to install, debug and maintain.
- Adopts the most advanced control technology to achieve full automation.

### AFC - 3 GENERAL CHARACTERISTICS

#### General

Origin:	100% made in Italy
Wiring type:	3P4L / 3P3L
Work voltage:	380 V $\pm$ 20%
Work frequency:	50 Hz — 60 Hz
Compensation current:	30 — 1200 A
Dynamic full response time:	Open loop $\leq$ 5 ms / Closed loop $\leq$ 10 ms
Filtering range:	2 - 51 harmonic orders
Filtering effect:	Filtering rate > 90%
Protection type:	Short circuit, under voltage, overload, phase loss, overpressure, over temperature, over current protection
Protection grade:	IP 30, other on request
Cooling way:	Forced air cooling
Working environment temperature:	-25 °C / +40 °C
Installation:	Indoor

### AFC - 3 ACTIVE POWER FILTERS

ORDER CODE	COMPENSATION CURRENT	SYSTEM FREQUENCY	SYSTEM VOLTAGE	WRITING TYPE	INSTALLATION TYPE	AVAILABLE DIMENSIONS* IP 30		
	A	Hz	Vac			W (mm)	D (mm)	H (mm)
AFC3A35W400L4	35	50	400	3P4L	Wall Hanging	463	265	703
AFC3A50W400L4	50	50	400	3P4L	Wall Hanging	463	265	703
AFC3A50C400L4	50	50	400	3P4L	Cabinet	800	800	2200
AFC3A75W400L4	75	50	400	3P4L	Wall Hanging	463	265	703
AFC3A75C400L4	75	50	400	3P4L	Cabinet	800	800	2200
AFC3A100W400L4	100	50	400	3P4L	Wall Hanging	463	265	703
AFC3A100C400L4	100	50	400	3P4L	Cabinet	800	800	2200
AFC3A150C400L4	150	50	400	3P4L	Cabinet	800	800	2200
AFC3A200C400L4	200	50	400	3P4L	Cabinet	800	800	2200
AFC3A250C400L4	250	50	400	3P4L	Cabinet	800	800	2200
AFC3A300C400L4	300	50	400	3P4L	Cabinet	800	800	2200
AFC3A400C400L4	400	50	400	3P4L	Cabinet	800	800	2200

\*All dimensions are in "mm" and will be confirmed at the time of order.