

FINHRMA Active Harmonic Filter

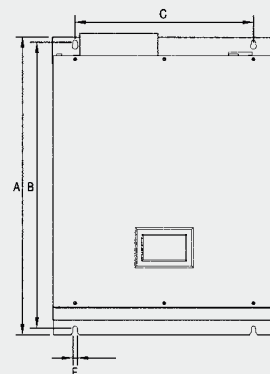


- Reduces THD up to 95%
- 35 to 150A suitable for 3 or 4 wire systems
- Compensates 2nd to 50th order harmonics
- Combination of power factor and harmonic correction
- Touch screen LCD HMI
- Protection against over voltage, under voltage, over current and over temperature.
- Can be connected in parallel to reach higher current ratings
- Wall or 19" rack mount

Specifications:

Rated voltage:	380- 480V 50/60Hz (up to 690V on some sizes)
Rated compensation current:	25 to 90A (300% on neutral)
Efficiency:	>97%
Residual THD(I):	<5%
Reaction time:	<50us
Overall response time:	<5ms
Switching frequency:	20kHz
Communication:	RS485 (Modbus TCP/IP)
Current transformer:	150:5 to 10,000:5
Protection:	IP20
Temp rating (°C):	-10 to +40°C
Connection:	Terminals
Standards:	CE, RoHS

Order Code	Rated Current (A)	Rated Voltage (Vac)	Grid Structure	Cooling	Dimensions A x G x D (mm)	Weight (kg)
27FINHRMA03553FW	35	480 (-20+15%)	3W	Air 359L/s	665 x 640 x 253	35
27FINHRMA03554FW	35	480 (-20+15%)	3W +N	Air 359L/s	665 x 640 x 253	35
27FINHRMA05053FW	50	480 (-20+15%)	3W	Air 359L/s	665 x 640 x 253	48
27FINHRMA05054FW	50	480 (-20+15%)	3W +N	Air 359L/s	665 x 640 x 253	48
27FINHRMA07553FW	75	480 (-20+15%)	3W	Air 359L/s	665 x 640 x 253	66
27FINHRMA07554FW	75	480 (-20+15%)	3W +N	Air 359L/s	665 x 640 x 253	66
27FINHRMA09053FW	90	480 (-20+15%)	3W	Air 359L/s	665 x 640 x 253	66
27FINHRMA09054FW	90	480 (-20+15%)	3W +N	Air 359L/s	665 x 640 x 253	66
27FINHRMA09073FW	90	690 (-30+15%)	3W	Air 359L/s	665 x 640 x 253	66
27FINHRMA10043FW	100	400 (-40+15%)	3W	Air 300L/s	625 x 600 x 235	36
27FINHRMA10044FW	100	400 (-40+15%)	3W +N	Air 300L/s	625 x 600 x 235	36
27FINHRMA15043FW	150	400 (-40+15%)	3W	Air 405L/s	557 x 560 x 270	48
27FINHRMA15044FW	150	400 (-40+15%)	3W +N	Air 405L/s	557 x 560 x 270	48



Dimensions in mm