

# HIGH POWER COOLING FANS



IP68

## R & F Series Cooling Fans

### High Efficiency. High Performance. No Compromise. Now with IP68.

The R and F Series high power cooling fans achieve new benchmarks for airflow performance and are the most efficient fans in the market today. Using advanced modeling techniques for our airfoil designs has resulted in superior aerodynamic performance that is best in class. Our 3 phase fan motor design delivers more control and better performance compared to traditional DC fans.

#### Product Features

- High efficiency 3 phase fan motor
- Superior aerodynamic performance
- PWM or voltage speed control
- Easily customized
- Low noise
- IP68 rated protection
- Tach output
- Overload protection
- Reverse polarity protection
- Dual NMB ball bearings

#### Applications

- Routers and Switches
- Base Stations
- Storage and Server Rack Systems
- Modular Data Systems
- CT and MRI Scanners
- Ultrasound and X-Ray Equipment
- Industrial Power Supplies
- Automatic Test Systems

SERIES	SIZE (mm)		Rated Voltage	RPM	Air Flow (m <sup>3</sup> /M)	Air Flow (CFM)	Pressure (Pa)	Pressure (In. H2O)
	New Part No.	Dia.						
R150G4-051-D0760	150	51	48	6,000	12.67	447	748	3.00
R150G2-051-D0560	150	51	24	6,000	12.67	447	748	3.00
F175G1-061-D0750	175	61	48	5,100	15.13	533	1015	4.06
F175G3-061-D0540	175	61	24	4,200	13.48	476	740	2.90

Contact us for immediate design assistance.

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**MinebeaMitsumi**  
Passion to Create Value through Difference

For more details visit our website at  
[www.nmbtc.com](http://www.nmbtc.com)