

Silent Series R3 Fans

Fractal Design Silent Series R3 fans offer excellent value for money, with good performance and assured reliability.

All Fractal Design Silent Series R3 fans are equipped with long-life rifle bearings and an easy-to-hide, sleek black cable.

Available in a large variety of sizes, ranging from compact 40mm fans to full-size 140mm fans, the Silent Series R3 delivers suitable options for replacing loud or damaged fans in both computers and many other electronic devices.

Where performance meets value.

Key Features

- Featuring rifle bearings, providing improved life expectancy and lower noise compared to a standard sleeve bearing
- Black stealth ribbon cable, making it easy to hide the cable contributing to a clean build
- Improved, more balanced, sturdy fan design delivering precision at a good price point
- Low fan speeds, optimized for quiet operation
- Featuring Fractal Design's signature black and white color scheme
- Offering sizes from 40mm up to 140mm for all your build needs



General Specifications

FAN	Silent Series R3 40mm	Silent Series R3 50mm	Silent Series R3 60mm	Silent Series R3 80mm
Size (mm)	• 40*40*10	• 50*50*10	• 60*60*25	• 80*80*25
Colours available	• White blades, black frame	• White blades, black frame	• White blades, black frame	• White blades, black frame
Screw hold pattern (mm)	• 32*32	• 40*40	• 50*50	• 71.5*71.5
Connector	• 3 pin fan header	• 3-pin fan header	• 3-pin fan header	• 3-pin fan header
Bearing	• Rifle	• Rifle	• Rifle	• Rifle
Number of blades	• 7	• 7	• 7	• 7
Rotational speed	• 4000	• 3500	• 2500	• 1600
Accoustical noise (dB (A))	• 20.0	• 19.0	• 20.6	• 18.1
Maximum air flow (CFM)	• 3.6	• 6.8	• 13.3	• 20.2
Maximum pressure (mm H2O)	• 1.24	• 1.41	• 1.65	• 0.99
Actual input power (W)	• 0.4	• 0.4	• 0.5	• 0.5
Maximum rated input current (A)	• 0.05	• 0.05	• 0.06	• 0.06
Nominal input voltage (V)	• 12	• 12	• 12	• 12
Minimum startup voltage (V)	• 7	• 7	• 6	• 6
MTBF (hours)	• >40,000	• >40,000	• >40,000	• >40,000
Unit weight (g)	• 19	• 29	• 50	• 70
Package weight (g)	• 55	• 65	• 85	• 105
Cable length (mm)	• 350	• 350	• 350	• 350
Cable type	• Black ribbon cable	• Black ribbon cable	• Black ribbon cable	• Black ribbon cable
Package dimensions (mm), including hanging tab	• 154*96*27	• 154*96*27	• 154*96*27	• 154*96*27
Package dimensions (mm), excluding hanging tab	• 119*96*27	• 119*96*27	• 119*96*27	• 119*96*27

Package contents

- Silent Series R3 fan
- Screw pack with 4 metal fan screws

General Specifications

FAN	Silent Series R3 92mm	Silent Series R3 120mm	Silent Series R3 140mm
Size (mm)	• 92*92*25	• 120*120*25	• 140*140*25
Colours available	• White blades, black frame	• White blades, black frame	• White blades, black frame
Screw hold pattern (mm)	• 82.5*82.5	• 105*105	• 125*125
Connector	• 3 pin fan header	• 3-pin fan header	• 3-pin fan header
Bearing	• Rifle	• Rifle	• Rifle
Number of blades	• 7	• 9	• 9
Rotational speed	• 1500	• 1200	• 1000
Accoustical noise (dB (A))	• 18.3	• 20.5	• 21.6
Maximum air flow (CFM)	• 24.4	• 46.5	• 56.1
Maximum pressure (mm H2O)	• 0.79	• 0.78	• 0.87
Actual input power (W)	• 0.6	• 1.0	• 1.6
Maximum rated input current (A)	• 0.07	• 0.12	• 0.20
Nominal input voltage (V)	• 12	• 12	• 12
Minimum startup voltage (V)	• 6	• 6	• 6
MTBF (hours)	• >40,000	• >40,000	• >40,000
Unit weight (g)	• 80	• 125	• 160
Package weight (g)	• 115	• 165	• 205
Cable length (mm)	• 350	• 350	• 350
Cable type	• Black ribbon cable	• Black ribbon cable	• Black ribbon cable
Package dimensions (mm), including hanging tab	• 154*96*27	• 180*122*26	• 200*142*26
Package dimensions (mm), excluding hanging tab	• 119*96*27	• 147*122*26	• 167*142*26

Description	Art. Number	EAN Code	UPC Code
Fractal Design Silent Series R3 40mm	FD-FAN-SSR3-40-WT	7350041083375	817301013376
Fractal Design Silent Series R3 50mm	FD-FAN-SSR3-50-WT	7350041083382	817301013383
Fractal Design Silent Series R3 60mm	FD-FAN-SSR3-60-WT	7350041083399	817301013390
Fractal Design Silent Series R3 80mm	FD-FAN-SSR3-80-WT	7350041083405	817301013406
Fractal Design Silent Series R3 92mm	FD-FAN-SSR3-92-WT	7350041083412	817301013413
Fractal Design Silent Series R3 120mm	FD-FAN-SSR3-120-WT	7350041083429	817301013420
Fractal Design Silent Series R3 140mm	FD-FAN-SSR3-140-WT	7350041083436	817301013437