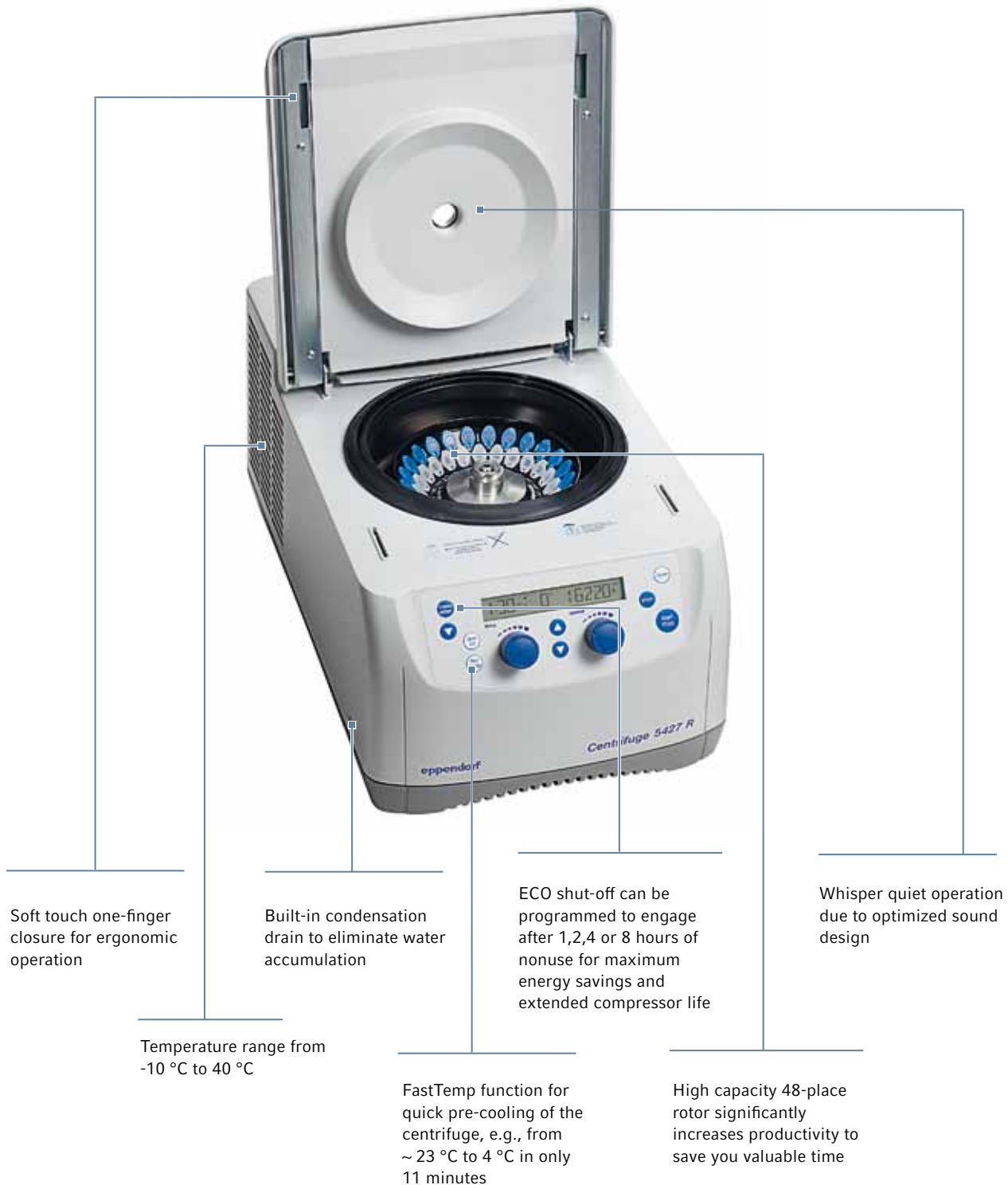


Centrifuge 5427 R



Soft touch one-finger closure for ergonomic operation

Built-in condensation drain to eliminate water accumulation

Temperature range from -10 °C to 40 °C

ECO shut-off can be programmed to engage after 1,2,4 or 8 hours of nonuse for maximum energy savings and extended compressor life

Whisper quiet operation due to optimized sound design

FastTemp function for quick pre-cooling of the centrifuge, e.g., from ~23 °C to 4 °C in only 11 minutes

High capacity 48-place rotor significantly increases productivity to save you valuable time

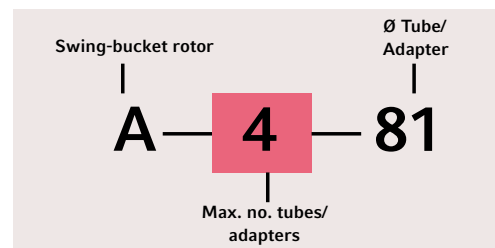
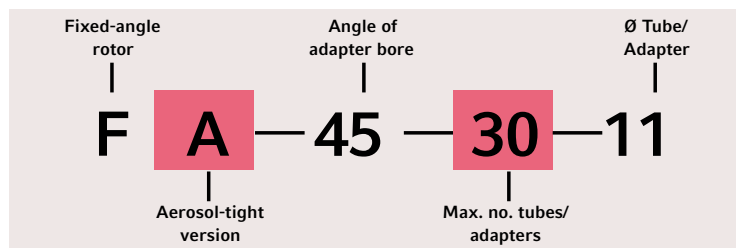


Description

Centrifuge 5427 R was designed with high-throughput research applications in mind. With its aerosol-tight 48-place rotor it handles even the toughest challenges in a safe and reliable manner to provide you the efficiency boost you need. All aerosol-tight rotors, including the new rotors for Eppendorf Tubes® 5.0 mL as well as the 24 x 1.5/2.0 mL swing-bucket rotor are equipped with the Eppendorf QuickLock® lids for easy rotor lid opening and closing. Choose the Centrifuge 5427 R if a 24-place microcentrifuge (e.g. our Centrifuge 5424 R) doesn't meet your needs regarding tube capacity and if you don't need the extra versatility our cross-over Centrifuge 5430 R can offer you.

Product features

- > Rotor capacity: 48 x 1.5/2.0 mL, 12 x 5.0 mL
- > Max. speed: 25,000 x g (16,220 rpm)
- > High capacity 48-place rotor significantly increases productivity to save you valuable time
- > Whisper quiet operation due to optimized sound design
- > Soft touch one-finger closure for ergonomic operation
- > Temperature range from -10 °C to 40 °C
- > FastTemp function for quick pre-cooling of the centrifuge, e.g., from ~ 23 °C to 4 °C in only 11 minutes
- > ECO shut-off can be programmed to engage after 1,2,4 or 8 hours of non use for maximum energy savings and extended compressor life
- > Built-in condensation drain to eliminate water accumulation
- > Eppendorf QuickLock® rotor allows for fast and ergonomic lid locking



Rotor code

All Eppendorf rotors are identified using a simple, alphanumeric format that represents the technical specifications in a uniform series of letters and numbers.

i For more information go to www.eppendorf.com/centrifugation

Centrifuge 5427 R

Technical specifications	
Model	5427 R
Max. RCF	25,000 x g
Max. speed	16,220 rpm
Max. capacity	48 x 1.5/2.0 mL
Rotors available	9
Acceleration time	18 s
Deceleration time	18 s
Timer	10 s to 9:59 h
Noise level	< 46 dB(A) with Rotor F-45-48-11
Max. power consumption	550 W
Dimensions (W x D x H)	31.9 x 54.0 x 25.4 cm
Weight w/o accessories	30 kg
Temperature range	-11 °C to 40 °C

Ordering information

Description	Order no.
Centrifuge 5427 R, refrigerated, rotary knobs, 230 V/50 – 60 Hz	5409 000.012
Centrifuge 5427 R, refrigerated, with Rotor FA-45-30-11, rotary knobs, 230 V/50 – 60 Hz	5409 000.535
Centrifuge 5427 R, refrigerated, with Rotor FA-45-48-11, rotary knobs, 230 V/50 – 60 Hz	5409 000.217
Centrifuge 5427 R, refrigerated, with Rotor FA-45-12-17, rotary knobs, 230 V/50 – 60 Hz	5409 000.632

✎ Ordering information for other voltage options begins on page 484



Watch video clips of Centrifuges 5427 R on our dedicated mobile website or www.eppendorf.com/centrifugation

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Rotors for Centrifuge 5427 R



Rotor F-45-48-11

- > Max. speed: 18,210 x g (12,700 rpm)
- > Max. capacity: 48 x 1.5/2.0 mL tubes



Rotor FA-45-48-11

- > Max. speed: 18,210 x g (12,700 rpm)
- > Max. capacity: 48 x 1.5/2.0 mL tubes
- > Aerosol-tight with Eppendorf QuickLock® lid



Rotor FA-45-30-11

- > Max. speed: 20,800 x g (14,000 rpm)
- > Max. capacity: 30 x 1.5/2.0 mL tubes
- > Aerosol-tight with Eppendorf QuickLock® lid



Rotor F-45-30-11

- > Max. speed: 20,800 x g (14,000 rpm)
- > Max. capacity: 30 x 1.5/2.0 mL tubes

Rotors for Centrifuge 5427 R



Rotor FA-45-24-11

- > Max. speed: 25,000 x g (16,220 rpm)
- > Max. capacity: 24 x 1.5/2.0 mL tubes
- > Aerosol-tight with Eppendorf QuickLock® lid



Rotor FA-45-24-11-Kit

- > Max. speed: 19,100 x g (13,200 rpm)
- > Rotor with higher edge for safe centrifugation of up to 24 spin columns
- > Aerosol-tight with Eppendorf QuickLock® lid



Rotor S-24-11-AT

- > Max. speed: 16,049 x g (12,700 rpm)
- > Swing-bucket rotor for 24 x 1.5/2.0 mL tubes
- > Aerosol-tight with Eppendorf QuickLock® lid
- > Perfect for phase-separation applications such as phenol-chloroform extraction



Rotor FA-45-12-17

- > Max. speed: 20,600 x g (14,000 rpm)
- > Max capacity: 12 x Eppendorf Tubes® 5.0 mL
- > Aerosol-tight with Eppendorf QuickLock® lid



Rotor F-45-48-5-PCR

- > Max. speed: 11,710 x g (10,500 rpm)
- > PCR strip rotor for up to 48 x 0.2 mL PCR tubes

Ordering information

Description	Order no.
Rotor FA-45-48-11, incl. rotor lid	5409 710.001
Rotor F-45-48-11, incl. rotor lid	5409 712.004
Rotor FA-45-30-11, incl. rotor lid	5409 706.004
Rotor F-45-30-11, incl. rotor lid	5409 708.007
Rotor FA-45-24-11, incl. rotor lid	5409 702.009
Rotor FA-45-24-11-Kit, incl. rotor lid	5409 704.001
Rotor S-24-11-AT, incl. wind shield and rotor lid	5409 715.003
Rotor F-45-48-5-PCR	5409 714.007
Rotor FA-45-12-17, incl. rotor lid, for 12 Eppendorf Tubes® 5.0 mL	5409 700.006
Adapter, for 1 vessel 1.5 – 2.0 mL, for Rotors FA-45-12-17, FA-45-16-17 and FA-45-20-17, set of 4 pcs.	5820 768.002
Adapter, for 1 cryo tube, for Rotors FA-45-12-17, FA-45-16-17 and FA-45-20-17, set of 4 pcs.	5820 769.009
Adapter, for 1 HPLC tube, for Rotors FA-45-12-17, FA-45-16-17 and FA-45-20-17, set of 4 pcs.	5820 770.007
Adapter, for 1 tube 0.5 mL, max. Ø 6 mm or microtainer 0.6 mL, max. Ø 6 mm, for all 1.5/2.0 mL rotors, set of 6 pcs.	5425 716.001
Adapter, for 1 tube 0.4 mL, max. Ø 6 mm, for all 1.5/2.0 mL rotors, set of 6 pcs.	5425 717.008
Adapter, for 1 PCR tube 0.2 mL, max. Ø 6 mm, for all 1.5/2.0 mL rotors, set of 6 pcs.	5425 715.005

✎ Ordering information for other voltage options begins on page 484

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