

max. 42 m³/h

AC centrifugal fans

Series RL 90 121 x 121 x 37 mm



- **Material:** Spiral housing: GRP¹⁾ (PBT)
Impeller: GRP¹⁾ (PA)
Housing base: Steel plate
- **Direction of air flow:** Centrifugal: Air outlet via window in housing
- **Direction of rotation:** Clockwise, seen on rotor
- **Connection:** Via 2 single wires; housing base with flat plugs
6,3 x 0,8 mm for protective earth conductor
- **Highlights:** forwards-curved impeller
- **Mass:** 680 g
- **Possible special versions:** (See page 12)
 - Protection against moisture
 - Protection against salt fog
 - Type of protection: IP 54

1) Fibreglass-reinforced plastic

Nominal data	Air flow		Nominal voltage	Frequency	Sound power level	Sinter sleeve bearings		Input power	Nominal speed	Temperature range	Service life L ₁₀		Curve
	m ³ /h	CFM				Ball bearings	Watts				rpm	at 40 °C	
Type	m ³ /h	CFM	V	Hz	Bel(A)	□/■	Watts	rpm	°C	Hours	Hours		
RL 90-18/50	40	23,5	230	50	5,6	□/■	20,0	2 450	-10...+50	37 500 / 30 000		①	
RL 90-18/56	40	23,5	230	50	5,6	/■	20,0	2 450	-30...+70	37 500 / 20 000		①	
RL 90-18/00	42	24,7	115	60	6,0	□/■	19,5	2 550	-10...+60	37 500 / 25 000		②	
RL 90-18/06	42	24,7	115	60	6,0	/■	19,5	2 550	-30...+85	37 500 / 15 000		②	

Subject to alternations

Fan type		Lead wires
RL 90-18/50	RL 90-18/00	AWG 18, TR 32
RL 90-18/56	RL 90-18/06	AWG 22

