

AIR HEATER ZG-R

Air heater ZG-R with integrated radial fan is a device for efficient and fast heating of production facilities, warehouses, multifunctional rooms, sports halls etc.

ZG-R consists of RAL painted or tinned casing with integrated Al-Cu blade heater and radial fan with suction on both sides. The heater is produced for temperature regimes 90°/70°C or 110°/80°C. ZG-R has attached filter on the intake side and grille for air flow direction control on the discharge side. Casing interior is heat and sound insulated with disassembly opening providing free access for servicing of fan and heater.

Radial fan has attached electric motor with thermal protection. Fan rotor is statically and dynamically balanced. The fan is fitted on shock absorbers preventing transmission of vibrations to the casing. ZG-R enables continuously variable control of the number of revolutions of the fan from 30% to 100% and thus the amount and throw of discharged air.

Attachment of additional elements enables wide range of application: attachment of mixing chamber enables operation by circulating and fresh air, the flow rate of which is defined by flap setting in the chamber. Attachment of vertical discharge element enables air discharge through grille to all directions. Air intake is from above.

Device can be mounted on the wall, ceiling etc.

TECHNICAL DATA

TYPE	Air flow (m3/h)	Power EM 220V (W)	Current EM (A)	Heat output (kW)	Max throw (m)	Water pressure drop (Pa)	Air pressure drop (Pa)	Noise level db(A)	Tube attachment of the heater (mm)
ZG-R1	1000	147	1,15	12	25	4755	45	40	20
ZG-R2	2000	245	2,1	21	27	8810	215	48	20
ZG-R3	3000	245	2,7	32	30	7460	95	50	25
ZG-R4	4000	736	4.7	42	35	1010	215	5t	32
ZG-R5	5000	736	6,5		40	1200	155	58	40



Front view



Back view



