



Gas-Fired Air Heater



of IH/HR type

Infrared Electric Heaters



Infrared Gas Heaters



Water Radiant Panel



Fan Coil



Electric Air Heater



Gas-Fired Air Heaters



Water Air Heaters



Comfort
in many ways...



Description

ECOair gas heater of **IH/HR** type is designed to work with fuels such as: natural gas, LPG and diesel. The heater is designed for heating commercial buildings, of large – space objects, for air heating in industrial processes: painting chambers, rooms for drying, etc.

Construction

ECOair gas heater of **IH/HR** type of high efficiency (> 90%) is designed to work in the industry.

Construction:

- outer shell is made of steel protected with PVC foil sheet,
- interior steel is galvanized,
- housing panels with thermal fiberglass mat tightly secured on the inside,
- thermal insulation - thickness 60 mm, density 15 kg/m³, thickness of 6-10 mm, a density of 55-80 kg/m³, thermal conductivity of 0.036 kcal/m².



Technical data

Model	100.1	100.2	200.1	200.5	200.3	200.4	200.5
Thermal Power input min-max (kW)	87,2 ÷ 150,0	110,4 ÷ 150,0	130,0 ÷ 260,0	130,0 ÷ 260,0	130,0 ÷ 260,0	149,5 ÷ 260,0	195,5 ÷ 260,0
Thermal Power output min-max (kW)	78,5 ÷ 136,5	99,4 ÷ 136,5	118,3 ÷ 236,6	118,3 ÷ 236,6	120,5 ÷ 236,6	136,0 ÷ 236,6	178,0 ÷ 236,6
Drop Pressure Combustion Chamber min-max (mbar)	1,0 ÷ 1,4	1,2 ÷ 1,4	0,8 ÷ 1,5	0,9 ÷ 1,5	1,0 ÷ 1,5	1,1 ÷ 1,5	1,2 ÷ 1,5
Electrical Power Motor (KW)	1x4,0	1x5,5	1x4,0	1x5,5	1x7,5	1x9,2	1x11,0
Electrical Supply (V/Hz)	400/50	400/50	400/50	400/50	400/50	400/50	400/50
Airflow min (m³/h)	12 500	16 000	14 000	17 000	19 000	22 000	26 000
Airflow max (m³/h)	15 000	19 000	16 000	20 000	24 000	26 000	29 000
Net static Pressure max (Pa)	400	500	400	500	600	600	600
Net Static Pressure min (Pa)	150	200	150	200	250	250	250
Δt AIR (min-max) (at the min Power) (°C)	15,0 ÷ 18,0	15,0 ÷ 17,8	21,2 ÷ 24,2	17,0 ÷ 19,9	15,0 ÷ 18,9	15,0 ÷ 17,7	17,6 ÷ 19,6
Δt AIR (min-max) (at the max Power) (°C)	26,0 ÷ 31,3	20,6 ÷ 24,5	42,3 ÷ 48,4	33,9 ÷ 39,9	28,3 ÷ 35,7	26,1 ÷ 30,8	23,4 ÷ 26,1
Total Weight (kg)	736	751	760	775	772	810	820

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