



## Water radiant panel

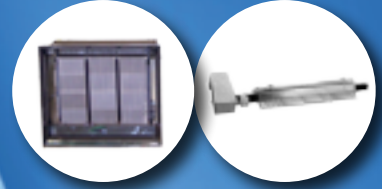


of RWP type

### 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

**ECOray** water radiant panel of **RWP** type is designed for heating large areas, such as industrial sites, workshops. It can also be installed in dusty environments, as well as in potentially explosive objects.

## Advantages

- the system has a very low inertia. This allows you to quickly reach the desired temperature without the need of preheating the room, which brings significant energy savings,
- as a result of the radiation, surface of the floor and any other body is instantly heated,
- in comparison to systems based on air heaters, the system does not cause air movements,
- no air movements increase the comfort of people in the building,
- the system does not cause any noise and does not require maintenance.



## Construction



**ECOray** water radiant panel of **RWP** type is made of pipe permanently embedded in specially shaped metal plate with side edges.

The latest technology was used for making grooves at regular distances. Tubes are mounted in the housing. The profile of the first plate is surrounded by  $\frac{3}{4}$  of circuit of each tube that keeps it in place. At the top, at intervals of about 1 m, are transversal brackets which stiffen the entire system, allowing the connection of sling and insulating mat.

**ECOray** water radiant panel of **RWP** type has tested electric-welded pipes ( $\frac{1}{2}$ " or  $\frac{3}{4}$ "). They are used in the systems with heating factor with temperature up to 120° C.

When using overheated water, steam, oil, etc., in systems are used not welded steel pipes  $\frac{1}{2}$ " or  $\frac{3}{4}$ ", which have the same characteristics.

## Technical specifications

Model	4/100	5/100	6/100	7/100	8/100	9/100	10/100	2/150	3/150	4/150	5/150	6/150	7/150	8/150
Interval of pipe (mm)	111	111	111	111	111	111	111	150	150	150	150	150	150	150
Total width (mm)	450	565	675	790	900	1010	1120	300	450	600	750	900	1050	1200
Pipes	4 - $\frac{1}{2}$ "	5 - $\frac{1}{2}$ "	6 - $\frac{1}{2}$ "	7 - $\frac{1}{2}$ "	8 - $\frac{1}{2}$ "	9 - $\frac{1}{2}$ "	10 - $\frac{1}{2}$ "	2 - $\frac{1}{2}$ "	3 - $\frac{1}{2}$ "	4 - $\frac{1}{2}$ "	5 - $\frac{1}{2}$ "	6 - $\frac{1}{2}$ "	7 - $\frac{1}{2}$ "	8 - $\frac{1}{2}$ "
$\Delta T = t_m - t_a$ (*) K W/m	40	191	238	284	320	354	388	423	124	168	213	255	297	339
	60	308	385	458	516	572	628	683	199	217	342	410	477	545
	80	433	540	643	725	803	882	961	280	379	478	573	668	763
Model	4/100	6/100	8/100	10/100	2/150	4/150	6/150	8/150						
Interval of pipe (mm)	111	111	111	111	111	111	111	150						
Pipes	4 - $\frac{3}{4}$ "	5 - $\frac{3}{4}$ "	6 - $\frac{3}{4}$ "	7 - $\frac{3}{4}$ "	8 - $\frac{3}{4}$ "	9 - $\frac{3}{4}$ "	10 - $\frac{3}{4}$ "	2 - $\frac{3}{4}$ "						
Total width (mm)	450	565	675	790	900	1010	1120	300						
$\Delta T = t_m - t_a$ (*) K W/m	40	192	285	366	446	131	219	299						
	60	310	459	592	721	210	352	644						
	80	435	645	831	1014	295	494	903						

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27-200 Starachowice, ul. Zgodna 2  
tel.: +48 41 274 14 41, fax: +48 41 273 71 47  
office@ecocaloria.com [www.ecocaloria.com](http://www.ecocaloria.com)