

aluminium
radiators

GLOBAL



oscar

oscar

the tall and strong radiator

The OSCAR radiator is technologically advanced. It is constructed using an exclusive welding process to fuse extruded and die-cast aluminium, that no other manufacturer has ever used.

The OSCAR radiator is ideally suited for any application in the home, hotel, and wherever the highest comfort and elegance are required.

The walls of the water channel have greater thickness which provides reliability and quality of the radiator.

On April 15th 1994 (cert. n. 0162) the ICIM granted the ISO 9002 Quality System normative of GLOBAL and on June 8th 2001 (cert. n. 0023A/0) the Environmental Management Systems UNI EN ISO 14001. Both the certifications are also attested by the IQNet International Certification Network.

performance

- sectional elements connected by Nipples (standard radiators of 2/3/4/5 and 6 elements)
- high thermal output guaranteed by the effected tests, according to the norm EN 442, from the "Politecnico" in Milan and from the Laboratory Cetiat in Villeurbanne.
- Working pressure up to 600 K Pascal 6 bar.
- Twin processing, 'anaphoresis-bath' followed by epoxy powder.

GLOBAL radiators have a ten year guarantee starting from the date of manufacture. This guarantee covers the replacement of those elements that because of manufacturing or material defects are not usable, but only on condition that installation has been executed in compliance with suitable regulations and instructions.

strong light elegant

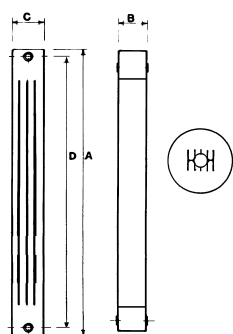
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Model	Dimensions in mm.				Ø connection	empty weight Kg ca.	contents in water in litres	Thermal powers EN 442				Exponent n.
	A total height	B length	C depth	D pipe centres				Δt 50° C		Δt 60° C		
								Watt	Kcal/h	Watt	Kcal/h	
OSCAR 900	946	80	95	900	1"	1,99	0,41	175	151	223	192	1,34208
OSCAR 1000	1046	80	95	1000	1"	2,05	0,42	190	164	243	210	1,35355
OSCAR 1200	1246	80	95	1200	1"	2,43	0,49	218	188	279	241	1,35340
OSCAR 1400	1446	80	95	1400	1"	2,80	0,56	245	211	314	270	1,35325
OSCAR 1600	1646	80	95	1600	1"	3,18	0,62	271	234	347	299	1,35310
OSCAR 1800	1846	80	95	1800	1"	3,53	0,69	297	256	380	328	1,35295
OSCAR 2000	2046	80	95	2000	1"	3,86	0,76	321	277	411	354	1,35280



example for a different Δt from Δt of 50° C

If you need to know a thermal power with different Δt from Δt 50 use the following formula:

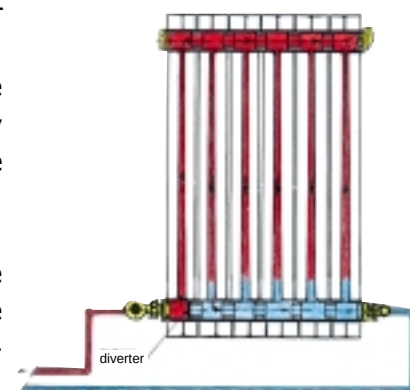
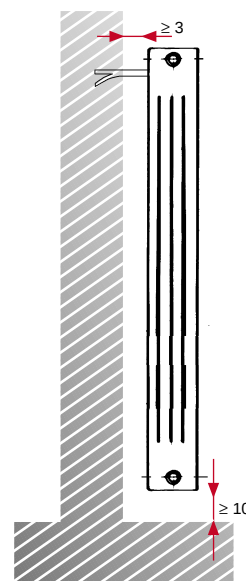
$$P = P_{50} (\Delta t / 50)^n$$

Example for the model 1000:

$$\text{Thermal P to } \Delta t 60^\circ \text{ C} = 190 \left(\frac{60}{50}\right)^{1,35355} = 243 \text{ Watt}$$

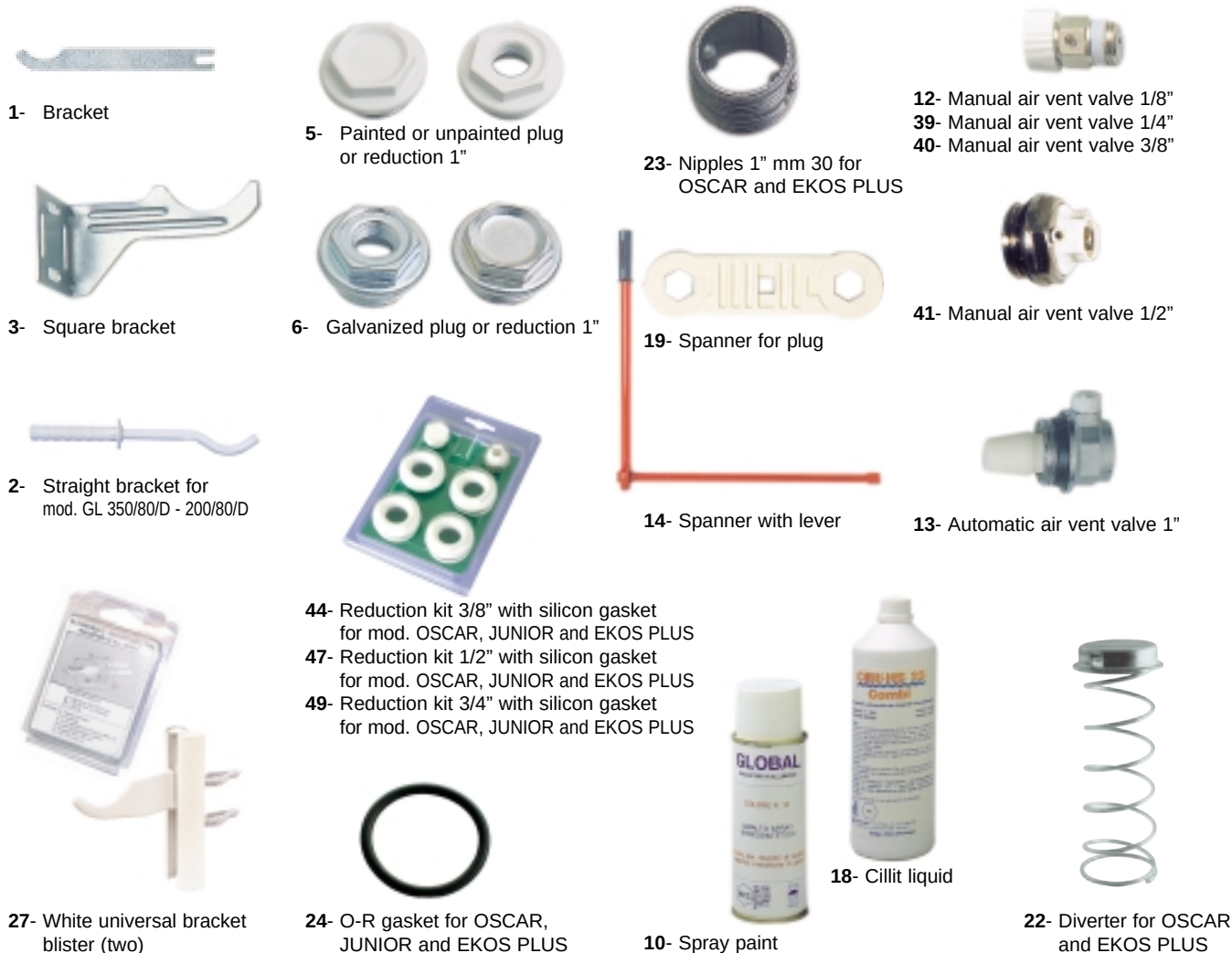
installation

- The OSCAR radiators can be used in all hot water heating-installations up to 100° C with a working pressure up to 600 K Pascal - 6 bar.
- They can be installed in systems using iron, copper or thermoplastic pipes.
- The highest thermal output can be obtained by mounting the radiators observing the following distances:
 - ≥ cm. 3 from the wall
 - ≥ cm. 10 from the floor
 - ≥ cm. 5 from the shelf or windows-sills
- The plugs or reductions (art. 5 and 6) must be used only with original 'O-R' gasket (art. 24), alternatively the kit (artt. 44, 47, 49) can be used.
- In the case of assembling more sections, the nipples 1" mm 30 (art. 23) and the gaskets 'O-R' (art. 24) must be used.
- In order to avoid problems due to deposit and corrosion in the heating system when using mixed metals it is recommended that the water pH is checked (preferably between 6,5 and 8) and to introduce a suitable inhibitive additive (Cillit-HS 23 Combi or similar) in a quantity equal to the manufacturer's recommendation for circulating hot water.
- We recommend the installation of floating automatic or manual air vent valves for radiators to ensure maximum efficiency.
- In order to avoid problems with gases which can be present in the heating system or overpressure, we suggest not closing completely any valves. If it is necessary to isolate one or more radiators from the circuit it is advisable to put automatic air vent valves on every radiator.



Important: if the aluminium radiator Oscar is installed with bottom opposite end connections, it is advisable to insert a diverter (art. 22) between the first and second element. The inclusion of the diverter enhances circulation, thereby guaranteeing maximum performance of the radiator.

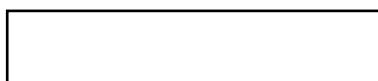
accessories



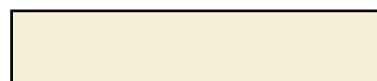
Certificates



GLOBAL colours



10 - white



01 - ivory RAL 1013

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