pressure drop through Global radiators

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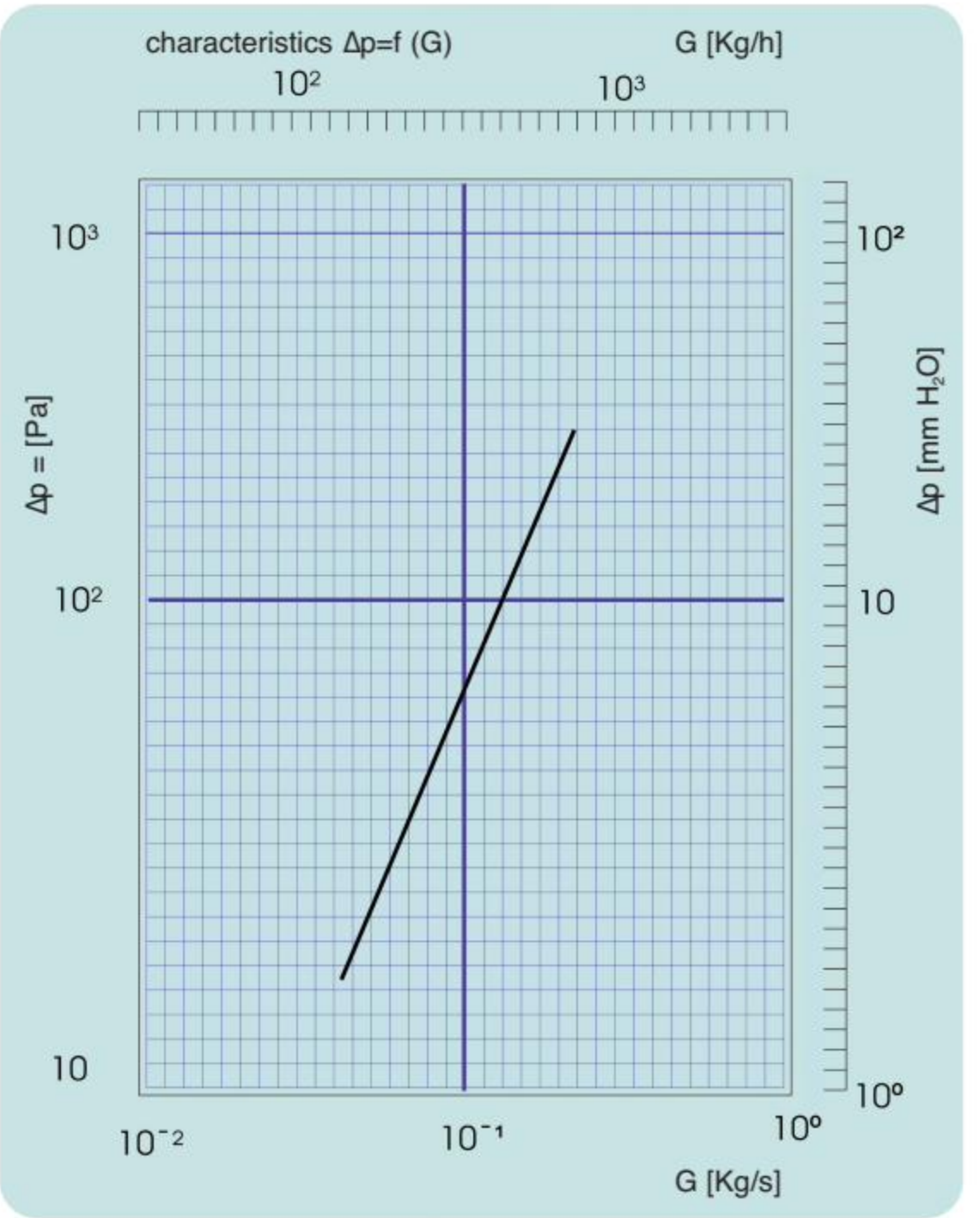

relevant characteristics

FLUID DYNAMICS	Δp (Pa)	24,5	39,2	66,7	100,0	220,6	372,7
UNIT SI	G (Kg/s)	0,063	0,076	0,10	0,127	0,191	0,256
UNIT	Δp (mm H_2O)	2,5	4,0	6,8	10,2	22,5	38,0
PEFORMANCE	G (Kg/h)	225,45	273,10	358,89	458,19	688,58	922,10

®GLOBAL RADIATORI

ADDRESSED TO ARCHITECTS, CONSULTANTS, SPECIFIERS AND CONTRACTORS FOR CORRECT INSTALLATION

In the hope of assisting everybody involved in this business, GLOBAL is delighted to offer the following information, which is the result of studies and direct experiences of our engineers in the field of high-quality installations for more than 20 years.

GLOBAL radiators

Fundamental factors in the choice of GL - VIP - MIX - VOX - KLASS - ISEO - EKOS, EKOS PLUS - OSCAR, OSCAR TONDO, JUNIOR and VETTA models.
In order to satisfy the large demand of customers' needs including comfort and heat economy, GLOBAL has extended its radiator production creating various models such as GL - VIP - MIX - VOX - KLASS - ISEO - EKOS, EKOS PLUS - OSCAR, OSCAR TONDO, JUNIOR and VETTA.
The choice of a model is often determined by aesthetic or space reasons.

The GL model design favours air convection towards the central part of the room.

The VIP model with its sober aesthetic and elegant line, adapts itself to every genre of environment.

The MIX model thanks to the refined line, can be easily installed in the most sophisticated places to ensure best comfort.

The VOX model gives avant-garde technology and exclusive design, guaranteeing the highest output without waste of energy.

The KLASS model: the new concept in styling. Klass combines technology and aesthetics with longevity and high performance.

The ISEO model: exceptional comfort, designed to maximise air convection and flow of heat towards the centre of the room. Energy saving: can be used in installations with heat pumps, condensing boilers and other low temperature systems.

The EKOS, EKOS PLUS model designed and patented, the first irresistibly rounded die-cast aluminium radiator.

The OSCAR, OSCAR TONDO model, a vertical-developed radiator, can be seen as an optimal solution for space problems.

The JUNIOR model provides both the comfort of a warm bathroom and warm towels.

The VETTA model is made entirely of aluminium making it outstandingly lightweight and flexible to use.

Correct installation for aluminium radiators gl, vip, mix, vox, klass, iseo, ekos, ekos plus, oscar, oscar tondo, junior and vetta models

All these models can be used in all heating systems using warm water up to 100° C and with a working pressure up to 600 K Pascal, 6 bar. You can equally install iron, copper or plastic pipes.

The best heat output can be easily reached if during the installation a few rules are followed:

GL	wall	≥ cm. 3 - floor ≥ cm. 10
	under window or shelf	≥ cm. 5
VIP	wall	≥ cm. 3 - floor ≥ cm. 10
	under window or shelf	≥ cm. 10
MIX	wall	≥ cm. 3 - floor ≥ cm. 10
	under window or shelf	≥ cm. 10
VOX	wall	≥ cm. 3 - floor ≥ cm. 10
	under window or shelf	≥ cm. 10
KLASS	wall	≥ cm. 3 - floor ≥ cm. 10
	under window or shelf	≥ cm. 10
ISEO	wall	≥ cm. 3 - floor ≥ cm. 10
	under window or shelf	≥ cm. 10
EKOS	wall	≥ cm. 3 - floor ≥ cm. 10
	under window or shelf	≥ cm. 10
EKOS PLUS	wall	≥ cm. 3 - floor ≥ cm. 10
OSCAR/OSCAR TONDO	wall	≥ cm. 3 - floor ≥ cm. 10
JUNIOR	wall	≥ cm. 6 (special bracket)
	floor or bath-rim	≥ cm. 10
VETTA	wall	≥ cm. 6 (special bracket)

Placing the radiators underneath the windows or on external walls is very important in order to fully enjoy the comfort that warm environments can offer.
While designing, this rule should not be under valued.
To ensure lasting protection of the finished paint surface radiators must not be installed in a permanently wet or damp environment. Small paint imperfections or damage can allow aluminium oxydisation that will stain or destroy the finished surface.
In any case the Global radiators can be repainted with enamel paint baking at 60° C about, or with catalytic paint.
It is advisable not to use abrasive products when cleaning the radiator surface.

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