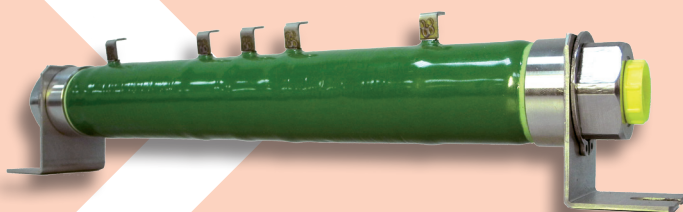




WCR

DIRECT WATER COOLED RESISTOR



- Direct Cooling without Heatsink
- Better Power/Volume Ratio
- 1 WCR = 6 wirewound resistors = 5 thick-film resistors
- Up to 6 Resistive functions on 1 WCR Tube
- 1 single supply for several functions (snubber + divider)
- Non-inductive optional

GENERAL CHARACTERISTICS

Core :
Winding :
Cover plugs :
Coating :
Ohmic values :

Standard tolerance :
Temperature coefficient :
Temperature range :
Inductance :
Cooling :

Operating pressure :
Test pressure :
Flow :
Max. Operating voltage between terminals :
CTI Index :
Creeping distance :
Clearance distance :
Electrical connexions :
Mounting :
Overloads:
Endurance:
Weight:

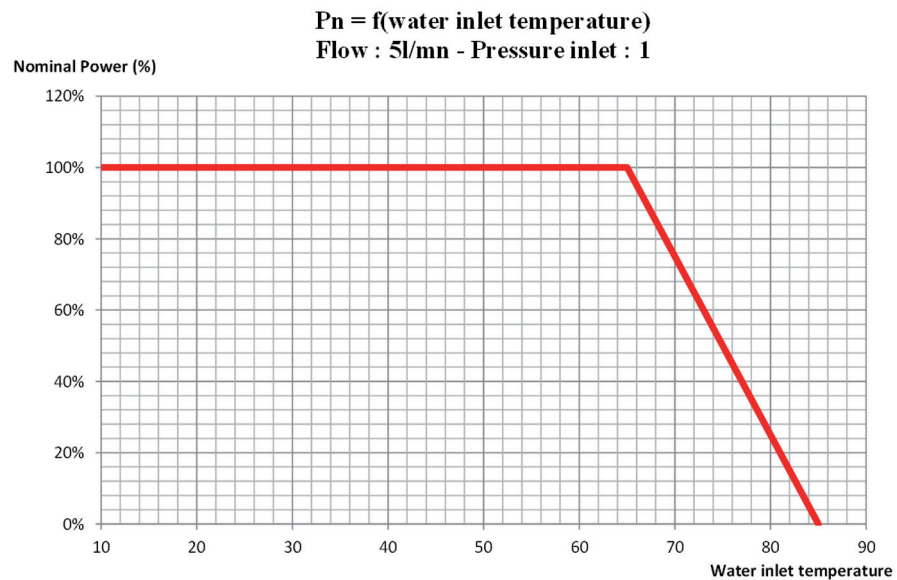
Ceramic
NiCr alloy fully insulated from Water
Stainless steel (corrosion free piping)
Vitreous or Cement + Silicone
E12 (4.7Ω* to 56kΩ)
*consult us for non-inductivity
± 5 %
100 ppm /°C (typical)
-55 °C to + 200°C
Non-inductive type on request
Industrial or deionised water
Coolant mixtures up to 60% Glycol
1 to 6 bars
10 bars
5 to 15l/mn
up to 3500V
> 600
according to above characteristics
according to above characteristics
M3 screw and nut (other optional)
Vertically (recommended)
2Pn 10sec(θ60°C at 5l/min)
1000 cycles Pn 30sec/30sec ; variation <5%
~0.7kg

DIMENSIONS	NOMINAL POWER (WATER W/ 40% GLYCOL)	PRESSURE DROP
30x250mm	1500W (Pn θ60°C at 5l/min)	0.8bar at 10l/mn
38x250mm	2000W (Pn θ60°C at 5l/min)	0.25bar at 10l/mn
38x300mm	2500W (Pn θ60°C at 5l/min)	0.25bar at 10l/mn

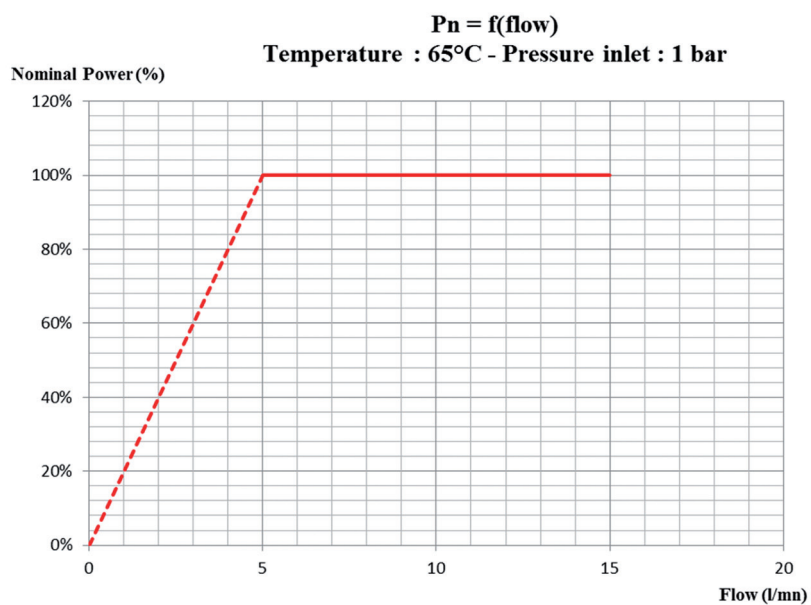


SPECIFIC CHARACTERISTICS

Nominal power dissipated according to water inlet temperature

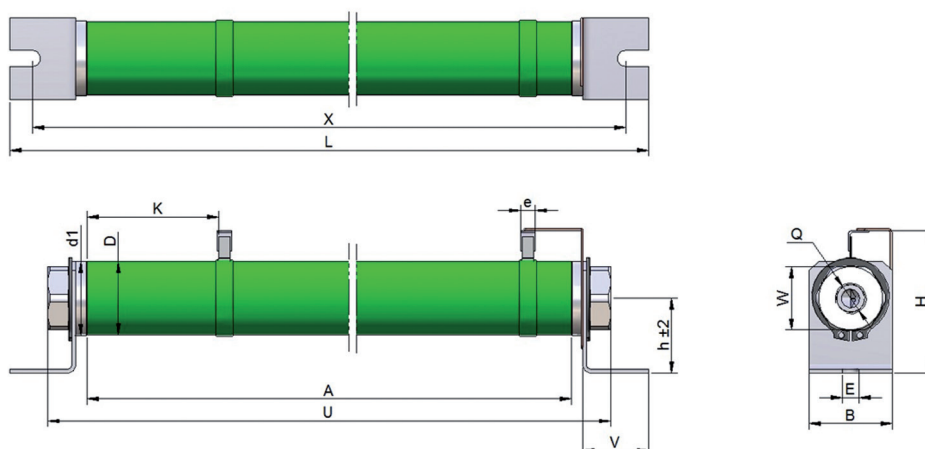


Power dissipated according to the flow





DIMENSIONS



TYPE	30X250	38X250	38X300
Water pipe diameter	ø8mm	ø10mm	ø10mm
A	250	250	300
B+0,5-0	32	44	44
D max	35	43	43
d1	32	40	40
E	7	9	9
E	8	8	8
H max	54	80	80
h ±2	25	40	40
K	*	*	*
L max	304	335	385
Ø	30	38	38
O	G 3/8 **	G 3/8**	G 3/8**
X ±2	286	308	358
U	288	292	342
V	20	35	35
W	24	34	34
Weight	1 Kg	1.3 Kg	1.5 Kg

* Creeping/ clearance on request.

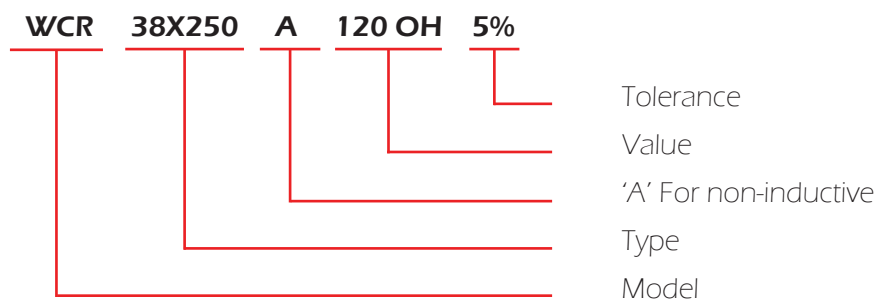
** Other terminals on request



OPTIONS

Consult us

HOW TO MAKE OUT YOUR ORDER



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