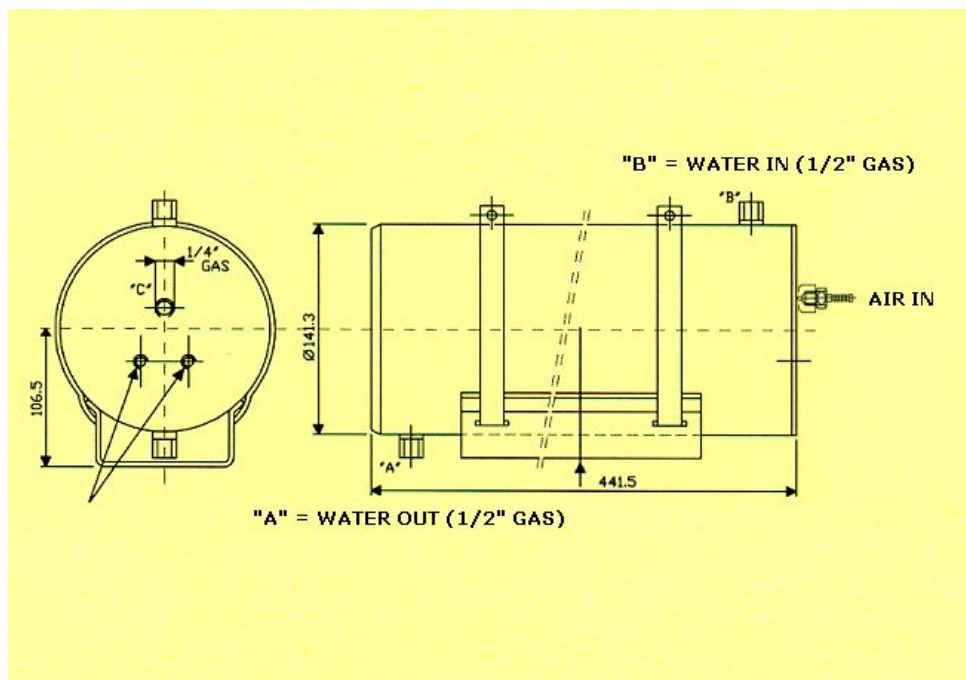
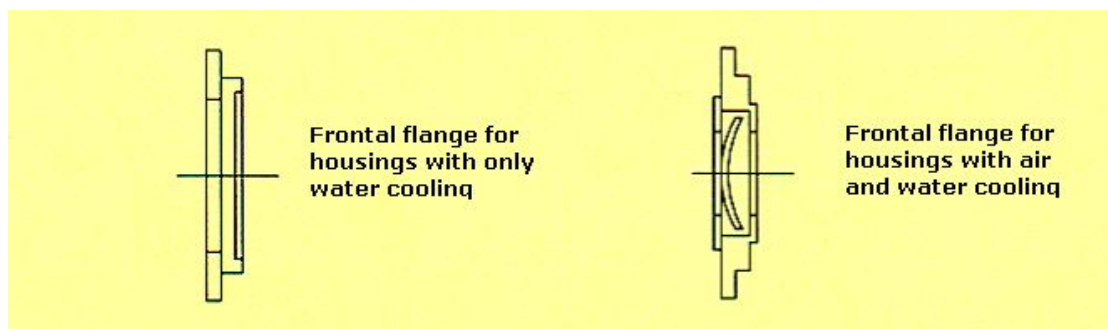


KUFU WATER is a industrial camera housing, cooled with water or air and water, specially designed for corrosive, dusty and **high temperature environments**, e.g. chemical and iron plants.

It is made in stainless steel AISI 304 and includes special devices for cooling the camera by water or water/air.



The housing is available with two different frontal flanges according with the use of water only or water and air.



KUFU.W housing (only water cooled) uses the first frontal flange. This flange makes the housing compliant with IP55 protection degree.

KUFU.WA housing (air and water cooled) uses the second flange; this housing uses the same water cooling system of KUFU.W but it uses air for additional cooling and to avoid the dust to reach the frontal glass.

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|---|---|--|
|  | <p><b>THECNICAL SHEET</b><br/> <b>KUFU WATER</b><br/> (Air and water cooled camera housing)</p> | <p><b>ST-KFW-01E</b><br/> Page 2<br/> of 2 pages</p> |
|---|---|--|

In fact, air comes into the housing by the relevant air-connection provided on the back of the housing and exit from the peripheral area of the frontal glass that has a convex shape.

Thanks to the moderate overpressure that this air flow ensure on the frontal part of the housing, dust do not reach the frontal glass so it remain clean and scratch on surface are avoided.

**GENERAL THECNICAL SPECIFICATIONS**

Made out of stainless steel AISI 304  
Usable inside dimension 78x71x350 mm (WxHxL)  
External dimension Ø 142 mm / L 442 mm  
Weight ~ 10 Kg.  
Joint included

**KUFU.W SPECIFICATIONS**

Max operating temperature : 150 °C  
Delivery capacity : max 200 l/h  
Pressure : 2,5 ÷ 5 Kg/ cm<sup>2</sup>  
In preference use demineralized cooling water.

**KUFU.WA SPECIFICATIONS**

Max operating temperature : 250 °C  
Air delivery capacity : 6 normal m<sup>3</sup>/h ( w/h 2,5 Kg/cm<sup>2</sup>)  
Air Pressure : 1,5 ÷ 2,5 Kg/cm<sup>2</sup>  
Use dried and filtered air (0,03µ)  
Water delivery capacity : max 200 l/h  
Water pressure : 2,5 ÷ 5 Kg/ cm<sup>2</sup>  
In preference use demineralized cooling water.