

PIPE AND ACCESSORIES

WATER
MIST
SYSTEMS



HIGH TECHNOLOGY IN EACH COMPONENT



RG-Systems offers its customers a wide variety of pipes and components for the assembly of the distribution networks in water mist fire protection systems.

Thanks to the high technology used in the design phase of these systems, **RG-Systems** can offer a product that is:

RELIABLE:

RG-Systems takes into account, in the design phase, factors as important as speed, quantity of movement and size of the water drop.

RESISTANT AND LASTING:

Pipes and accessories manufactured in stainless steel, resistant to pressure, vibrations, corrosion and to the effects of high temperatures.

ECONOMIC:

For the design of the network of pipes of RG Systems' water mist fire protection systems, the pipes require a much smaller diameter than those used by other systems of the competition.

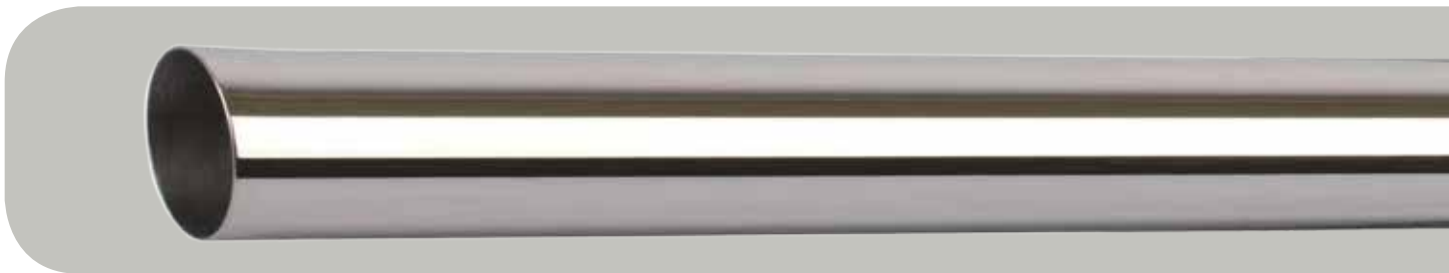
EASE OF INSTALLING:

All the pipe accessories are installed by means of nut accessories with pipe clenching ring, a system that allows the connection and distribution elements to be installed rapidly and simply.

ACCESSORIES

MODEL WFTT SEAMLESS PIPE

The model WFTT seamless pipe is manufactured in stainless steel. Depending on the design of each installation carried out by the RG SYSTEMS project department, the diameters of the pipe can vary between 12, 16, 25, 30 and 38 mm. This pipe is easily bent, thus avoiding the use of elbows that can cause obstructions and it makes its installation much faster and more comfortable, in addition to adapting completely to the needs.



MODEL WFTUD PIPE-PIPE JOINT

The model WFTUD pipe-pipe joint is used to unite or join pipes of an equal diameter in the network of pipes of the water mist fire extinction system. They are manufactured in stainless steel, are supplied with their corresponding nuts and clenching rings for all the diameters of pipes used in our systems.

MODEL WFTR REDUCERS

Many times in the water mist fire extinction installations we find that we have to reduce the flow from one pipe diameter to another smaller one, due to design needs to maintain the appropriate flow. RG Systems offers the model WFTR reducers to diameters of 12, 16, or 30 mm as a resistant solution of easy assembly in these cases.

Block of:	pipe ending:
16	12
	16
25	12
	16
30	12
	16
	25
38	16
	25
	30



MODEL WFTCO ELBOW

Another of the accessories most used in the distribution network of the water mist fire extinction systems are the elbows. RG Systems offers the model WFTCO elbow which is easy to install thanks to its coupling by clenching ring with cutting ring.

MODEL WFTTO "T"

In the pipe network of the fire extinction systems, when we need to divert the channelling or piping we use a T. These T's divert branches starting from a pipe of equal diameter. RG Systems markets the connection in model WFTTO "T" for pipe diameters of 12, 16, 25, 30 and 38 mm.

MODEL WFTTED AND MODEL WFTTER REDUCED T'S

There is also the possibility of having to reduce the flow due to design needs, but at the same time divert in branches the pipe network. In order to divert branches of a smaller diameter starting with a pipe of a larger diameter, RG-Systems markets the model WFTTED and model WFTTER reduced T's that reduce to pipes with diameters of 12, 16 or 30 mm.



The simple joint for the water mist fire extinction systems is used to join the pipe, of diameters 12, 16, 25, 30 and 38 mm, with other pipe accessories such as blocks or directional valves. This accessory greatly eases the assembly of the pipe network in the very location of the installation.

MODEL WFTAM GAUGE ADAPTOR

In the installation of the pipes for the water mist fire extinction system, many times it is advisable to place a control or supervision pressure gauge within the pipe network. RG Systems offers the model WFTAM gauge adaptor, an economic solution of easy installation.

THE MODEL WFTTO BLIND PLUGS

RG-Systems also has stoppers to close the different components of water mist and to be able to conduct in this way the hydraulic tests necessary in the different sections of the installation. RG Systems markets two types of stoppers, the model WFTTO blind plugs, composed by a nut and a plug cone and the Allen-head stoppers with 3/8", 1/2" and 3/4" threading to close some pipe accessories such as the blocks, among others.

The pipe fittings may be subject to extreme loads such as vibration and uncontrolled pressure peaks, only the use of adequate materials and strict compliance with the assembly instructions can ensure the safety and reliability of the products and their conformity to the proper standards.

Furthermore, RG-Systems has supports for pipes that are appropriate for supporting the environmental conditions, the expected temperatures, the forces induced in the pipe by temperature variations and also support the dynamic and static loads foreseen in each installation.



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