Technical Specifications

Monitor & Nozzle	
Model:	□ TR-RCM1 □ TR-RCM2 □ TR-RCM3
Flow rate	2000 – 8000 LPM
Inlet:	Flange (DIN / ANSI) Size: 3" , 4" , 6"
Travel (Rotation):	Vertical: 350° Horizontal: -20° to +70°
Pressure:	Max working pressure: 12bar Design pressure: 16bar Test pressure: 22bar
Body material	Aluminum (T6 –hard anodize) Copper Alloy (Bronze- Brass) Ni-Al-Bronze (for sea water) Stainless steel Ductile Cast iron
Nozzle	Only Water (Jet / Fog) Only Foam (aspirating type- Jet) Water – Foam (Non aspirating type- Fog/ Jet)
Actuator / Area classification	Safe area / Explosion proof
Motor type	Servo Motor
Voltage	220 VAC- MAX 1500W
Control type / Command	Joystick / Push button / Key pad / Push screen display
Movement control	Upward / Downward / Rightward / Left ward
Inlet flange	□ ANSI #150RF □ ANSI #150FF □ ANSI #300RF
Nozzle	□ Foam □ Water (jet/fog) □ Water/ foam (jet/fog)
Jet Range	□ Horizontal: 50 M @ 7 bar □ Vertical: 30 M @ 7 bar
Horizontal plane rotation	□ 350° with dead center
Vertical plane rotation	□ -20 to +70°
Gaskets	□ EPDM □ Rubber
Painting system	□ Standard First Layer: Wash primer 10Mic Second Layer: Polyurethane 50Mic
Area classification	□ Safe area □ Explosion proof Acc. Customer order
Type	□ Servo
□ Suitable execution for external installation in marine environment and operation with sea water And foam solutions □ Emergency manual controls for both movements with disengage able safety hand wheel (Does not rotate during operation) □ Mechanical continuous position indicator with quadrant	

Technical Specifications

Control Panel and Power Module	
Housing to be selected among	□ Carbon Steel □ Stainless Steel AISI 316 □ Aluminum alloy (2)
Earth connection terminals	□ Each component
Position indicator	□ Required
Power Supply:	□ 230 VAC 1PH+N 50 Hz
Movements and Controls	□ Upwards / Downwards □ Rightwards / Leftwards □ Nozzle Jet/Fog □ Main valve (Water) □ Main valve (Foam)