

EXTERNAL FIRE FIGHTING SYSTEMS



MARSIS

EXTERNAL FIRE FIGHTING SYSTEMS

PUMPS & DRIVERS

External Fire Fighting System pumps are provide a unique combination of high performance in relation with weight and dimensions. The pumps are designed as single stage volute casing horizontal centrifugal with close impeller and end suction/top discharge flange positioned. The horizontal double suction split case type centrifugal pumps are also available higher capacities.

We provide pump capacities according to IACS Classification rules for Fi-Fi 1, Fi-Fi 2, Fi-Fi 3 applications. The capacity ranges of the pumps are between 100 m³/h to 2800 m³/h

Fire pumps can be integrate with step-up gear boxes or hydraulic actuated clutches or e-motors or dedicated diesel engines according to customer specifications.



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FIRE MONITORS

Fire monitors designed for marine external fire-fighting systems and fixed mounting on pipe end. The monitors optimized to delivery of water with full flow and/or foam with reduced flow capacity to throw solid jet and fog which is spray pattern. The monitor rotations and the other operations are controlled by the individual electric motors as well as electric actuators for remote control. In addition to this the movements can be operated by manually. Electro hydraulic operated monitors are also available.

The capacity range of monitors are between 100 m³/h to 2400 m³/h.

All monitors have type approval certificate by the IACS classification society.



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CONTROL SYSTEMS

MAIN CONTROL CABINET

The EFF Control System is design based on PLC to control of all equipment's (valves, clutches, monitors etc.) in a sequence by remotely. The system is designed and manufactured for marine external fire fighting systems.



REMOTE CONTROL PANEL

Remote Control Panel is designed as flush mounted on wheel house control console and the system can control from the unit completely.



MARSİS DIŞ TİCARET VE GEMİ SANAYİ LTD. ŞTİ.

A İstanbul Endüstri ve Ticaret Serbest Bölgesi, Aydınli SB Mah.

Kodalak Cad. No: 12 34953 Tuzla / İstanbul

T +90 216 394 9237 **F** +90 216 394 9236 **E** info@marsis.com.tr **W** marsis.com.tr