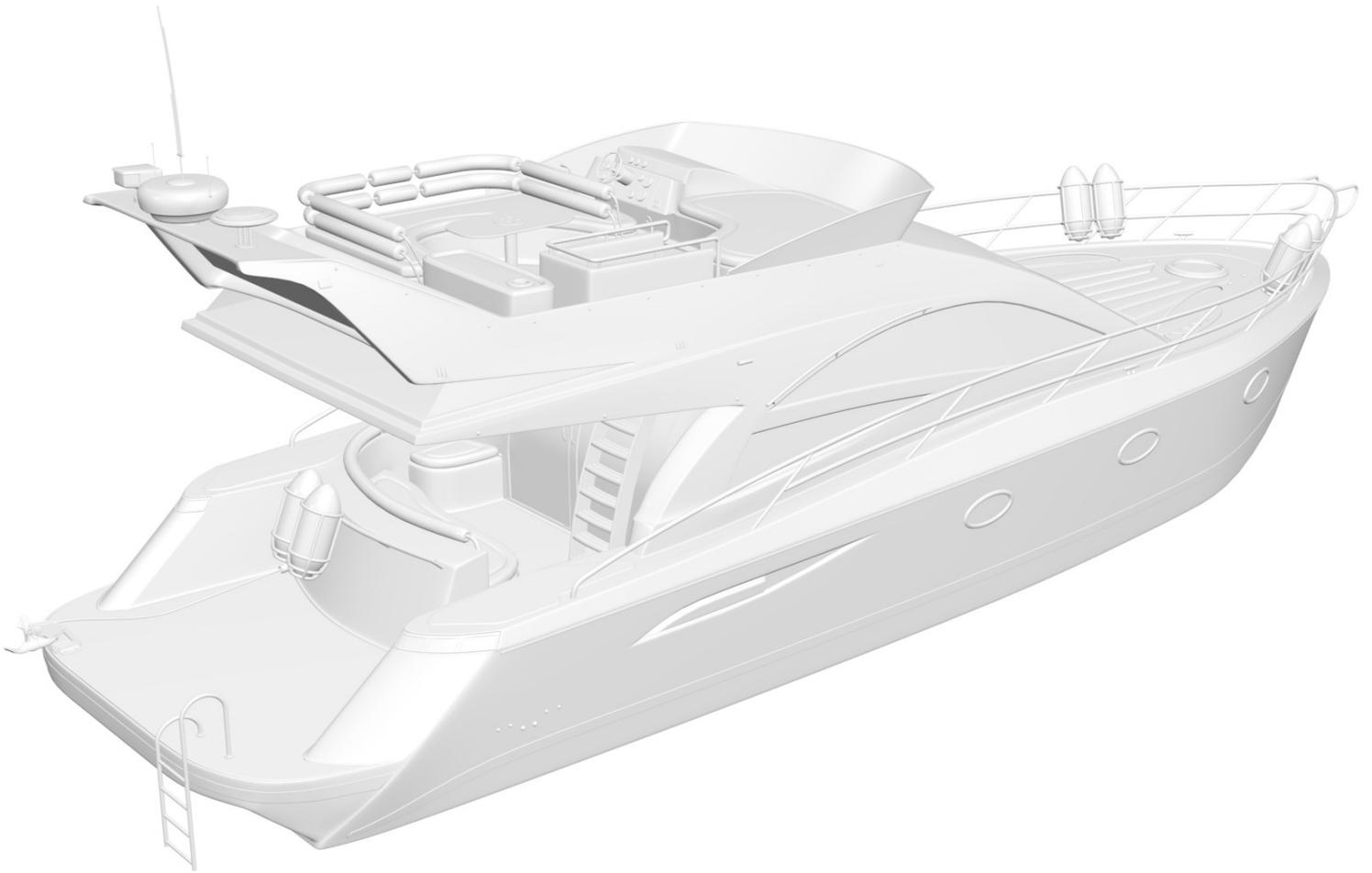




ROTAREX
FIRETEC



**PRE-ENGINEERED FIRE SUPPRESSION SYSTEMS
FOR BOATS AND YACHTS**

GREAT RISK IN CASE OF FIRE

THERE IS NO ESCAPE FROM A BOAT



- ★ Most boat/Yacht fires start in the engine compartment or electrical circuits
- ★ Ignition of fuel vapours often explosive
- ★ The majority of fires occur while cruising

Source: USCG statistics

OFFSHORE FIRES PRESENT MANY RISKS:

- No escape other than jumping into the sea (possible drowning)
- No maneuverability without the engine (possible collision)
- No communication without electricity (Lost, no help)

IF YOU STAY ONBOARD

- Intoxication by poisonous fire fumes and smoke

HIGH VALUE DAMAGE

YACHT FIRES CAN EASILY DESTROY YOUR ENTIRE INVESTMENT

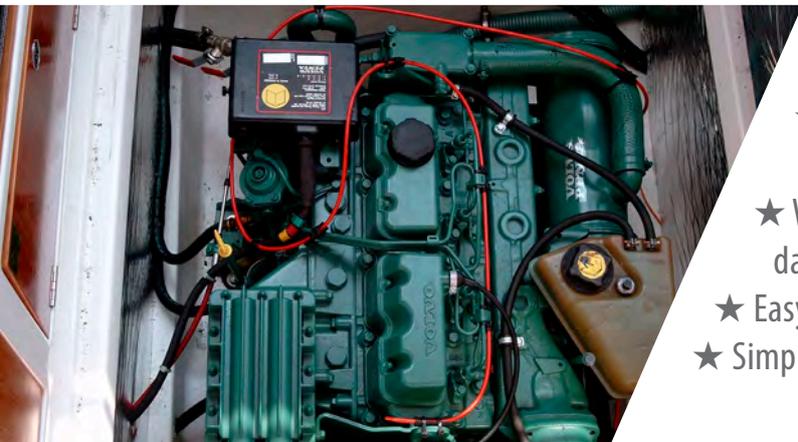


- ★ What starts as a tiny fire can quickly burn the entire yacht
- ★ No help available from outside
- ★ Repairs or replacement are expensive
- ★ In a harbor, fire can spread to nearby yachts and boats

... DON'T LET THIS HAPPEN TO YOU!

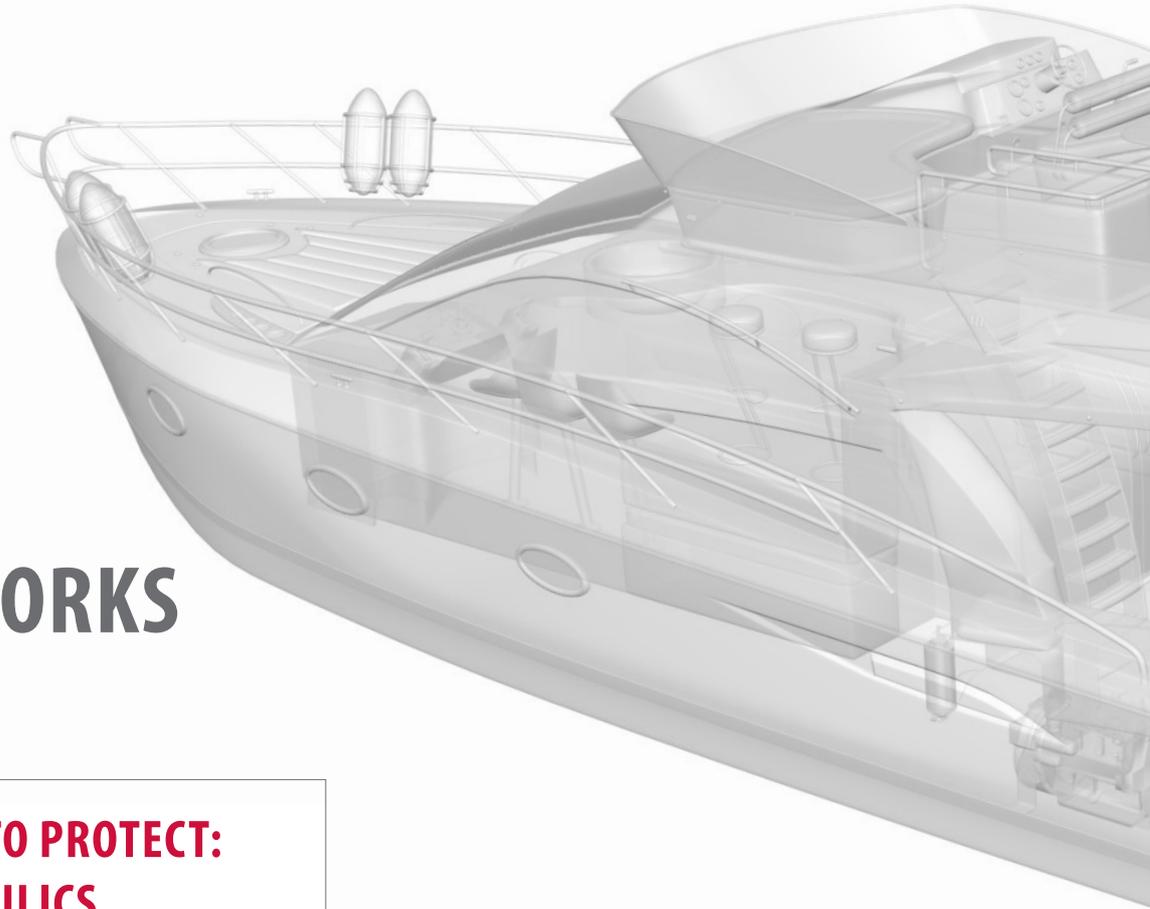
INTRODUCING

PRE-ENGINEERED FIRE SUPPRESSION SYSTEMS FOR BOATS AND YACHTS



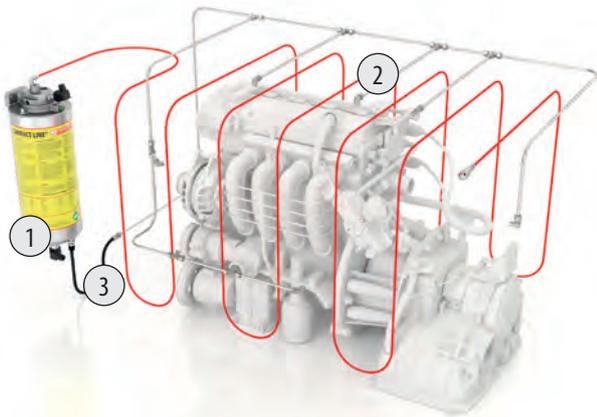
- ★ Automatically detects and suppresses engine and mechanical fires
- ★ Installs directly around the engine closer to where a fire can start
- ★ Works quickly, before a fire can damage equipment
- ★ Easy / Flexible installation
- ★ Simple design - no electrical supply needed





HOW IT WORKS

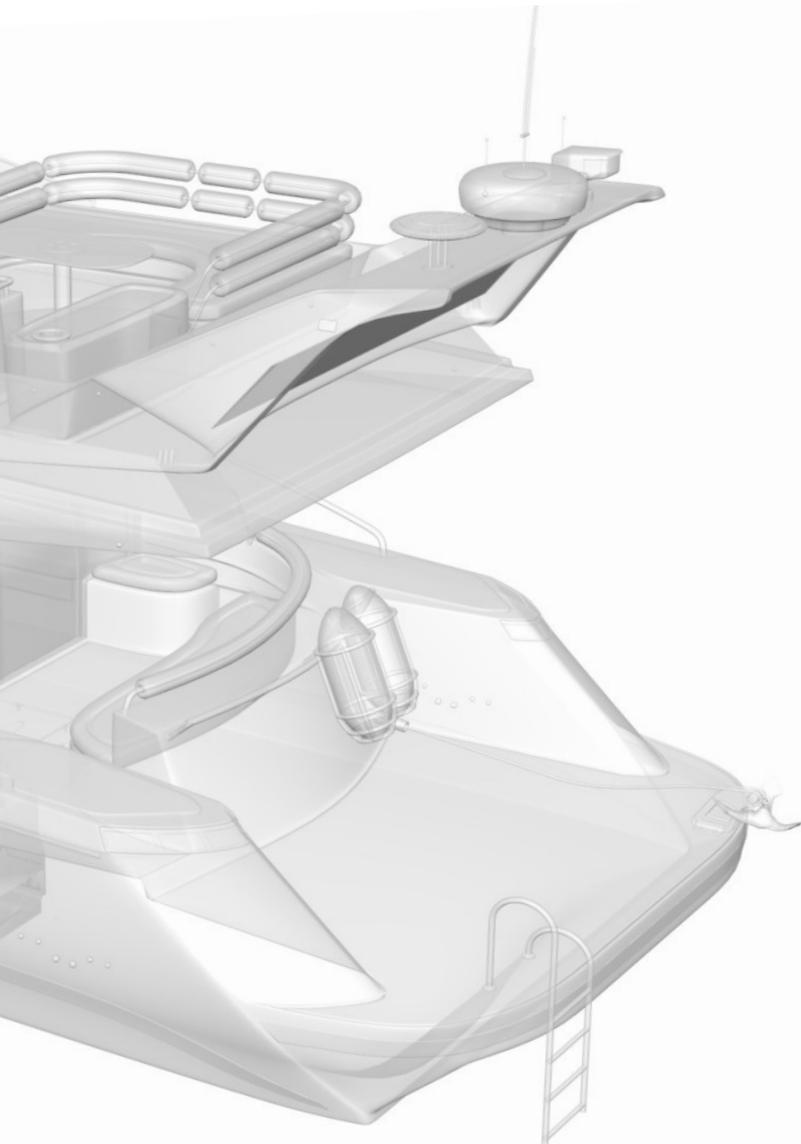
CRITICAL ZONE TO PROTECT: ENGINE, HYDRAULICS, CONVEYOR MOTORS



- ① **FIREDETEC DUAL CHAMBER CYLINDER**
Mounts under deck, in any position
- ② **FIREDETEC PNEUMATIC DETECTION TUBING**
Weaves around and above critical risk areas - even in small and hard to reach places.
- ③ **FIREDETEC DISCHARGE TUBING AND NOZZLES**
Up to 10 nozzles placed above critical risk areas to instantly flood the zone with extinguishing agent and suppress the fire.

PATENTED DUAL-CHAMBER CYLINDER

- ★ WITHSTANDS VIBRATIONS AND WAVE MOVEMENT
- ★ ALLOWS VERTICAL OR HORIZONTAL MOUNTING
- ★ SUPERIOR SAFETY AND LEAK PREVENTION



Available in two sizes:



7L for small engines

12L for large engines

FAST AND EFFECTIVE

Quick & Easy installation directly inside engine compartments:

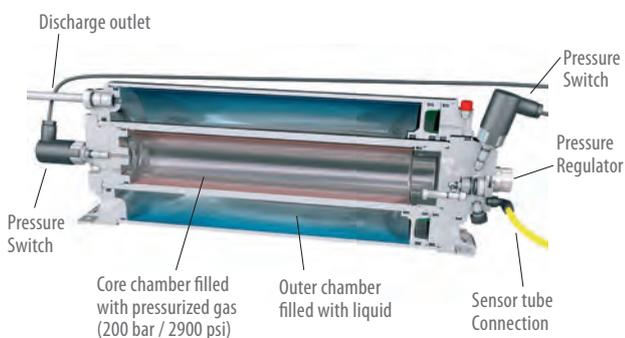
The flexible sensor tubing is easily installed directly above and around the engine - closer to where a fire could start. When in service, the tubing is pressurized with dry nitrogen to 16 bar. The dynamics of pressurization make the tubing more reactive to heat.

Early fire detection:

If a fire occurs, the heat of the fire causes the pressurized sensor tube to burst at the hottest spot (approx. 110°C)

Instant suppression:

The sudden tube depressurization actuates the special pressure differential valve and instantly floods the entire engine compartment with FireDETEC® TS55 ea extinguishing agent. The fire is quickly suppressed just moments after it began... minimizing damage and downtime.



- For safety, extinguishing liquid and pressurized gas are in separate chambers
- When activated, the pressurized gas is released into the outer chamber forcing against a piston.
- The piston pushes the liquid out through the discharge tube
- A built-in pressure regulator ensures a constant and sustained discharge



A MANUAL ACTUATOR CAN BE MOUNTED IN THE CABIN

QUICK AND EFFECTIVE SUPPRESSION



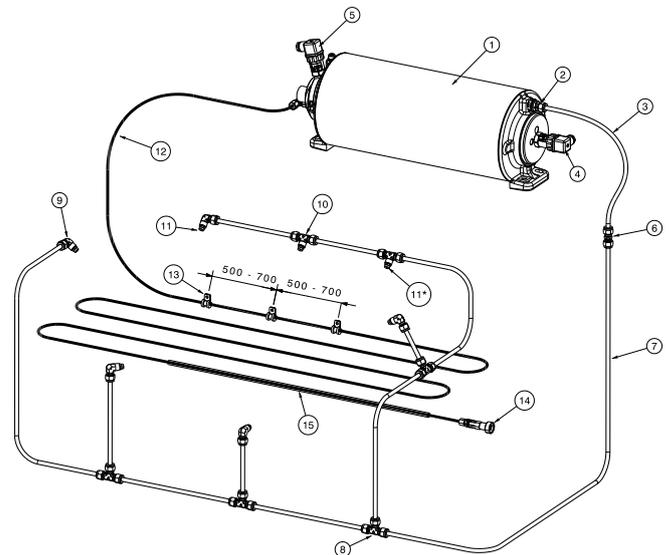
- ★ 24/7 protection
- ★ Keeps your boat operational
- ★ Minimizes repairs
- ★ Prevents need to replace expensive equipment
- ★ Prevents damage to other equipment
- ★ Prevents injuries

A COMPLETE SYSTEM SOLUTION

- ★ Everything you need in one box
- ★ Easy to install
- ★ Easy to Maintain

Pos.	Qty.	Description
1	1	Special IHP cylinder/valve unit (unfilled)
2	1	Tube fitting
3	1	Rubber hoses
4	1	Pressure switch (160 bar)
5	1	Pressure switch (5 bar)
6	4	Tube fitting - straight
7	5	Stainless steel pipe (1 meter)
8	4	Tube fitting - tee
9	5	Nozzle fitting - threaded elbow
10	2	Nozzle fitting - threaded tee
11	7	Spray nozzle
12	1	FireDETEC® tube (black, 10m)
13	30	Screw clip for tube attachment
14	1	End of line adapter
15	1	Protection spring for sensor tubing

*Mount nozzles with PTFE band



PROVEN EFFECTIVE

**FIREDETEC VEHICLE ENGINE SYSTEMS HAVE
BEEN THOROUGHLY TESTED AND VALIDATED**

WORLDWIDE INSTALLATIONS



WORLDWIDE HEADQUARTERS

24, rue de Diekirch,
L-7440 Lintgen
Luxembourg
Tel.: +352 32 78 32-1
Fax: +352 32 78 32-854
E-mail: firetec@rotarex.com

IDEAL FOR ALL VEHICLES, MACHINERY & HEAVY EQUIPMENT

