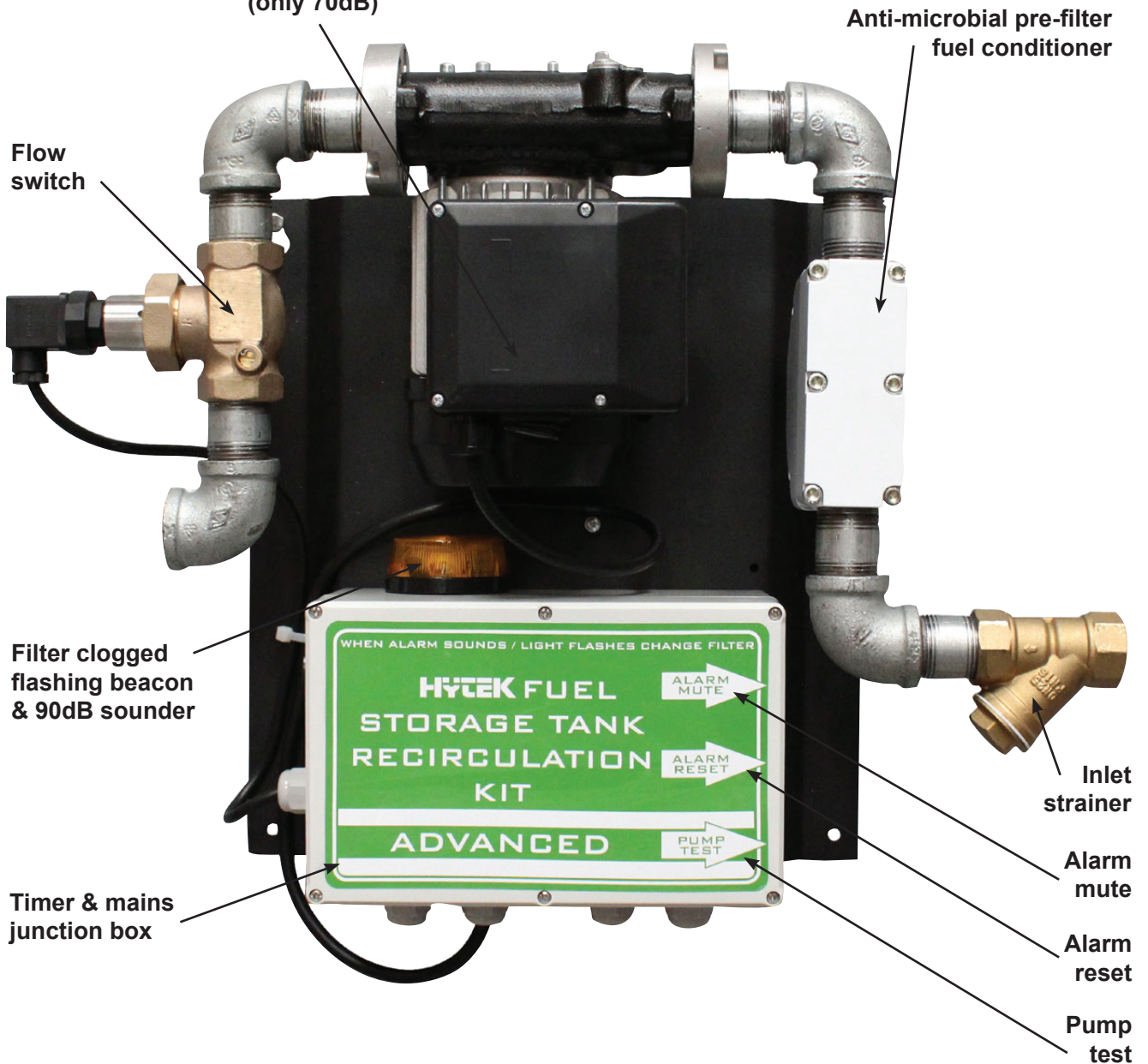


# ADVANCED FUEL STORAGE TANK RE-CIRCULATION KIT



**DIESEL**  
**HEATING OIL**

**PIUSI**  
Pump unit  
(only 70dB)



RKA SHOWN

## Why Do I Need To Re-Circulate My Fuel?

Microbial contamination (diesel bugs) in fuel storage tanks is becoming a major issue. Often the first signs are when generators stop working or pump or vehicle filters block, in some cases resulting in hefty machinery repair bills.

The latest fuels contain a % of bio fuel (up to 7%) & provide an ideal breeding ground for these bugs. Biofuel acts as a detergent cleaning the inside of the storage tanks allowing dirt to be sucked up by pumps, blocking filters.

Over time these microbes/bugs grow into large colony forming units (CFUs) which get sucked into fuel lines blocking filters.

Storage tanks particularly those with low usage require a permanent system to keep the microbes/bugs dormant by re-circulating fuel to ensure effective microbial treatment.

## Kit Specification

- Circulates & prevents degradation of fuel inside storage tanks.
- Fuel passes through a fuel conditioner to prevent microbial growth.
- Fuel is automatically circulated for a preset number of timed periods to ensure the tank contents is re-circulated 1½ times every 28 days.
- When the pump flow rate drops below a preset limit (indicating a clogged filter) the flow switch closes & a sounder & a powerful flashing beacon are activated.
- Can be linked to a Remote Warning Device.
- Pump running/pump stopped output (passive contacts) for connection to BMS system.
- For use with diesel & heating oil.
- Features a 230V pump unit, inlet strainer, fuel conditioner, flow switch, filter clogged warning light, timer & mains junction box with override switch. Complete unit is weatherproof. (External alarm outputs, rated at 230V 10A max.)
- Mounted on a wall/tank mounting plate.

Stk Code	Description	dB Rating
<b>RKA</b>	Up to 65,000L tanks (5,000L per day)	90 (sounder)

### Options

<b>FM.RK.F</b>	Particle/water filter kit - 10 micron (with filter wrench & includes ball valve)
<b>RKF2</b>	Particle/water filter kit assembly spin on standard capacity - 2 micron
<b>RKF2H</b>	Particle/water filter kit assembly spin on high capacity - 2 micron

### Supplied by: