

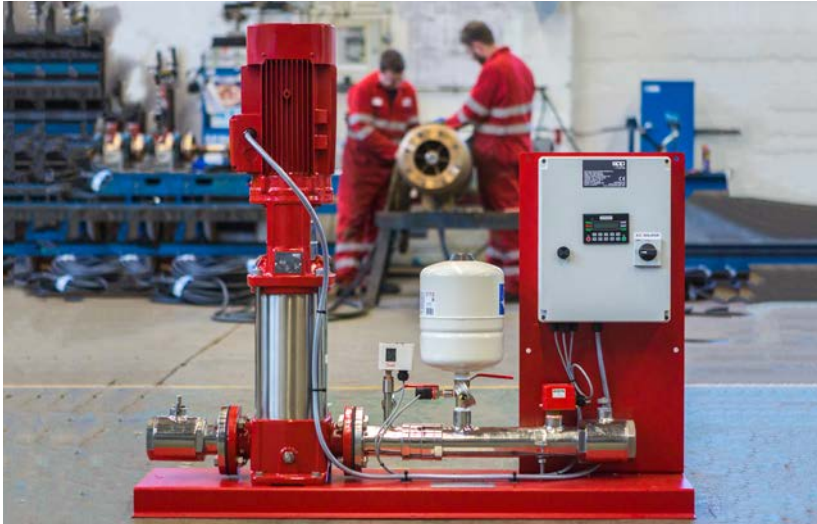


RESI-STREAM RANGE

FOR WHERE IT REALLY MATTERS

spp
PUMPS

OVERVIEW



- Easy to install, fully assembled package
- Residential / Watermist
- BS9251 & EN 12259-12 compliant

TYPICAL PUMP SELECTION:

Resi-Stream Pump Set Model	4 Sprinkler Head Duty Flow (l/min)	Pressure (m)	Pressure (bar)
RS15-07	240 l/min	85 m	8.33 bar
RS15-09	240 l/min	109.4 m	10.72 bar

Other duties available.

Please contact fire@sppumps.com or your local area representative.

WEIGHTS AND DIMENSIONS:

Resi-Stream Pump Set Model	Length (mm)	Width (mm)	Height (mm)	Approx. Weight (kg)
RS15-07	1612mm	370mm	1138mm	260kg
RS15-09	1612mm	370mm	1228mm	260kg

THE MAIN PUMP SET FEATURES THAT ARE MOUNTED ON A COMMON BASEPLATE AS STANDARD ARE:

- Vertical multistage centrifugal pump type coupled to a 3ph/415V/ 50Hz IP55 electric motor
- Flow switch to operate pump and alarm signal in event of flow in system
- Pressure switches - one switch acts as Jockey Pump function (to maintain system pressure), and other acts as main pump starter switch. Once this switch is activated, unit must be shut down manually.
- Pressure gauge to indicate system pressure
- Test/drain point – small plug to allow setting of pressure switches and system drain-down
- Control panel – incorporating pump running alarm output, power failed alarm output, and also includes cycle timer to automate mandatory weekly testing
- Test button also included for manual check of pump operation
- 8 litre accumulator to minimize pump start/stops and to maintain system pressure
- All above pre-wired and piped together on pump set skid.

Optional extras:

- Pressure Reducing Valve

PUMP SPECIFICATION:

Pump Set Component	Description
Baseplate	<ul style="list-style-type: none">• 3.15 mm folded mild steel
Pressure Vessel	<ul style="list-style-type: none">• Global Water Solutions Ltd.• Max. working pressure: 16 bar
Pressure Gauge	<ul style="list-style-type: none">• WIKA
Pressure Switches	<ul style="list-style-type: none">• Danfoss
Flow Switch	<ul style="list-style-type: none">• Johnson Controls

FEATURES:

- Hmi indication of power on
- Hmi indication of pump set on demand
- Hmi indication of pump test failed
- Manual stop push button
- Manual start push button
- Manual test start push button
- Electronic sounder
- Incoming mains terminals
- Motor connection terminals
- Volt free contact for motor running
- Volt free contact for pump on demand
- Volt free contact for common alarm
- Adjustable test cycle, via hmi
- Adjustable minimum run timer via hmi
- Motor protection fuse
- Door interlocked mains isolator
- Monitors both pressure and flow via dedicated isolated inputs
- Hours run counter
- Number of starts counter



Image above shows typical Three Phase panel

OPTIONS:

- Sms text module, wired to volt free inputs
- 12v valve output, energised when the motor is running
- Star-delta starting method
- Electronic soft start and stop
- Automatic Transfer Switch (ATS)

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