



QVR Containers

Quality Value Range of Containers

The FG Wilson QVR container, covering an extensive power range (730 – 1875 kVA), introduces a range of sound attenuated, fully weatherproof containers built to a high quality specification providing reliability and value for money.

Designed and assembled in Northern Ireland, the QVR container range is manufactured to withstand rough handling conditions in rugged environments and is suitable for all market sectors, including residential applications, due to low noise emissions.

The QVR container range comprises of:

- 20 foot container – QVR 20
- 30 foot container – QVR 30
- 40 foot container – QVR 40
- 40 foot high cube container – QVR 40HC

with the following options*:

- Floor standing circuit breaker
- Standard RAL palette (non metallic colours only)
- Fuel tank

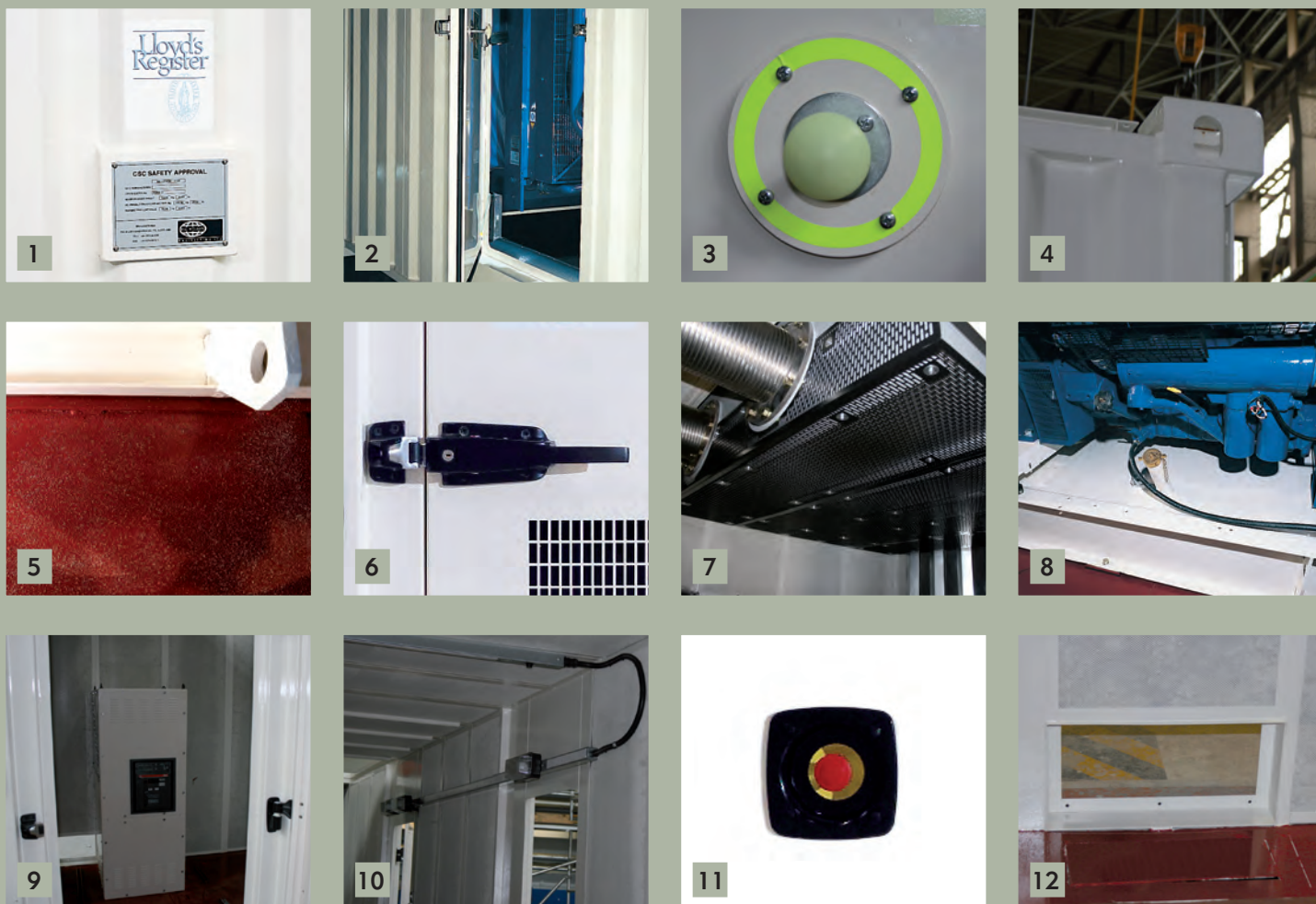
*Please note: This is a standard product range.

Based on a new modular design principle with interchangeable components, this new container arrangement permits easy on-site maintenance accessibility and flexibility with the availability of up to five cable entry positions. A fully integrated AC and DC lighting and power distribution system, is also supplied as standard, comprising of emergency DC lighting above each personnel door and AC lighting in the generator set compartment.

Providing a compact global footprint (ISO standard shipping sizes) and CSC plating this new range of containers provides an environmentally friendly offering with a fully bunded steel floor for spill containment.

Whatever your needs . . .

Should you have further container requirements, FG Wilson Power Solutions can meet your exact specification from minor modifications through to complete bespoke offerings through our Design-to-Order range. For more information, contact your local Dealer.



Features and Benefits

1 CE Certified with CSC plating as standard

Container and all components meet CE standards. All containers in the range are certified for shipping and come with ISO corner casting for secure handling and lifting (ISO 1161).

2 Access doors either side

Secure and durable personnel access doors on each side of the container including lock and check strap.

3 Internal panic release buttons on doors

Luminous easy to use emergency panic release on both doors.

4 Ral 9001 paint finish

The high performance 2-pack primer/finish paint system provides a gloss finish. Container and all components meet CE standards.

5 Non-slip flooring/textured finish

Fully metal floors with textures non slip heavy duty surface.

6 'Kason' type lock/handles and 'Stedall' stainless steel hinges

All external fixture and fittings are made from stainless steel and are designed to be tamper and vandal proof. Secure high quality door locks and hinges used on all personnel access doors.

7 Box type silencer – internal

Fully integrated and upfitted internal silencer system ready for operation upon delivery. All external components and surfaces treated with anti corrosion coatings.

8 Fully banded floor

Fully banded integrated container floor with capacity for all engine oil, coolant and onboard fuel which satisfies UK Defra requirements.

9 Space for floor mounted breakers (>900 kVA)

Space in container for fully cabled floor standing breaker.

10 AC lights above generator set. DC Bulkheads above each door

The container range comes with a fully integrated AC and DC lighting and power distribution system comprising of emergency DC lighting above each personnel door and AC lighting in the generator set compartment. All internal lighting cables are housed within protective metal trunking.

11 Emergency Stops

Emergency stop buttons are conveniently located either side by personnel doors, fully wired and connected to generator set control panel.

12 Multiple cable entry access points

Extremely versatile cable access options providing up to five possible locations on each container. Including left and right side, high and low level and floor access options.

QVR Containers



Robust Container Design

- Compact 20ft, 30ft, 40ft and 40ft high cube (HC) ISO footprint
- Container made from steel components painted with a durable paint system that has excellent corrosion protection, superior colour stability and a superb gloss finish (standard RAL 9001)
- Fully bunded steel floor
- Steel louvres
- Stainless Steel external fasteners
- Supported by full FG Wilson warranty

Excellent Access for Maintenance

- Walk around interior with access doors on each side
- External fuel connections
- Cable access through container floor
- Cable access on either side at high or low level using reversible wall panel (depending on model)

Safety and Security

- CE Certified
- Non-slip container floor
- 'Kason' type locks and handles on all doors
- 'Stedall' stainless steel door hinges
- Emergency stop buttons (red) at either side
- Lagged internal exhaust pipework and heat guards on exhaust silencer

Transportability

- ISO shipping dimensioned container
- CSC plated and suitable for stacking during shipping (up to 6 high)
- Lifting capability for full weight via corner castings
- Fully integrated box type silencer mounted in container roof

Options

Non-standard paint colours available (not metallic)

Floor standing breaker for sets rated over 900 kVA

Fuel break tank (500 litres) for sets rated over 900 kVA

Dimensions

QVR20 Generator Set	Length: mm (in)	Width: mm (in)	Height: mm (in)
P730P1/P900E1	6058 (238.5)	2438 (96)	2591 (102)

QVR30 Generator Set	Length: mm (in)	Width: mm (in)	Height: mm (in)
P730P1/P1100E1	9125 (359.3)	2438 (96)	2591 (102)

QVR40 Generator Set	Length: mm (in)	Width: mm (in)	Height: mm (in)
P730P1/P1100E1	12192 (480)	2438 (96)	2591 (102)

QVR40HC Generator Set	Length: mm (in)	Width: mm (in)	Height: mm (in)
P1250P3/ P1875E1	12192 (480)	2438 (96)	2896 (114)

Note:

Clearance required both sides.

Height measurement does not include stub pipe with rain cap.

Weights

For total actual shipping weights, please contact your local Dealer.

Caterpillar (NI) Ltd

Caterpillar (NI) Ltd is a pioneer in the design and manufacture of diesel and gas generator sets. For over 40 years, the FG Wilson brand has been a major global player and world leader in the provision of power generation solutions ensuring power is provided whenever and wherever it is needed.

From 6.8 to 2500 kVA, our Diesel and Gas product range spans an array of applications from domestic use right through to power modules with the ability to operate as complete power stations supplying electricity to national grids. Where standard power products cannot meet your power demands, FG Wilson's Power Solutions Team of specialist engineers provide tailored products to even the most challenging and complex power requirements. In addition, FG Wilson's global Dealer network represents a wealth of knowledge and experience, supporting FG Wilson generator sets in the field.

Power Solutions

Whatever your power needs, FG Wilson Power Solutions, have the capability and expertise to meet your requirements.

When your power needs are more challenging than normal specifications, FG Wilson's Solutions Department is dedicated to providing bespoke solutions to meet the unique needs of each customer on a project-by-project basis.

Our highly skilled and experienced team includes Sales Support Engineers, Project Managers, Mechanical and Electrical Design Engineers supported by over 200 Technicians.

Our services include comprehensive turnkey solutions from initial concept design through to installation and commissioning accompanied by customised product training.



FG Wilson manufactures product in the following locations:

Northern Ireland • Brazil • China • India • USA

With headquarters in Northern Ireland, FG Wilson operates through a Global Dealer Network. To contact your local Sales Office please visit the FG Wilson website at www.FGWilson.com.

FG Wilson is a trading name of Caterpillar (NI) Limited.

In line with our policy of continuous product development, we reserve the right to change specification without notice.

QVR/GB/0313

