



QVR Containers

Quality Value Range of Containers

The FG Wilson QVR container, covering an extensive power range (350 - 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

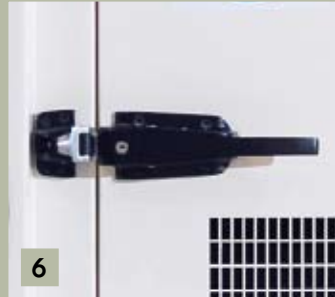
*Please note: This is a standard product range.

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 generating 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**
Container and all components finished in a quality durable paint system.
- 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 generating 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 generating 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 generating 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

Technical Data (50 Hz only)

QVR20 Generating Set Model	Engine Family	Engine	Noise dBA @*			Model	Engine Family	Engine	Noise dBA @*		
			15m	7m	1m				15m	7m	1m
P350P4/P400E4	2206	2206C-E13TAG2	68.7	74.7	81.3	P550P2/P605E2	2806	2806C-E18TAG1	68.7	74.7	81.3
P350P5/P400E5	2206	2206A-E13TAG2	68.7	74.7	81.3	P550P5/P605P5	2806	2806A-E18TAG1	68.7	74.7	81.3
P400P4/P450E4	2206	2206C-E13TAG3	68.7	74.7	81.3	P591P2/P650E2	2806	2806C-E18TAG1A	68.7	74.7	81.3
P400P5/P450E5	2206	2206A-E13TAG3	68.7	74.7	81.3	P600P5/P660E5	2806	2806A-E18TAG1A	68.7	74.7	81.3
P450P2/P500E2	2506	2506C-E15TAG1	68.7	74.7	81.3	P635P5/P700E5	2806	2806A-E18TAG2	68.7	74.7	81.3
P450P3/P500E3	2506	2506A-E15TAG1	68.7	74.7	81.3	P730P1/P800E1	4006	4006-23TAG2A	68.7	74.7	81.3
P500P2/P550E2	2506	2506C-E15TAG2	68.7	74.7	81.3	P800P1/P900E1	4006	4006-23TAG3A	68.7	74.7	81.3
P500P3/P550E3	2506	2506A-E15TAG2	68.7	74.7	81.3						

QVR30 Generating Set Model	Engine Family	Engine	Noise dBA @*			Model	Engine Family	Engine	Noise dBA @*		
			15m	7m	1m				15m	7m	1m
P350P4/P400E4	2206	2206C-E13TAG2	61.3	68.5	75.0	P550P5/P605P5	2806	2806A-E18TAG1	61.3	68.5	75.0
P350P5/P400E5	2206	2206A-E13TAG2	61.3	68.5	75.0	P591P2/P650E2	2806	2806C-E18TAG1A	61.3	68.5	75.0
P400P4/P450E4	2206	2206C-E13TAG3	61.3	68.5	75.0	P600P5/P660E5	2806	2806A-E18TAG1A	61.3	68.5	75.0
P400P5/P450E5	2206	2206A-E13TAG3	61.3	68.5	75.0	P635P5/P700E5	2806	2806A-E18TAG2	61.3	68.5	75.0
P450P2/P500E2	2506	2506C-E15TAG1	61.3	68.5	75.0	P730P1/P800E1	4006	4006-23TAG2A	67.7	73.3	80.0
P450P3/P500E3	2506	2506A-E15TAG1	61.3	68.5	75.0	P800P1/P900E1	4006	4006-23TAG3A	67.7	73.3	80.0
P500P2/P550E2	2506	2506C-E15TAG2	61.3	68.5	75.0	P910P1/P1000E1	4008	4008TAG1A	72.8	78.2	85.0
P500P3/P550E3	2506	2506A-E15TAG2	61.3	68.5	75.0	P1000P1/P1100E1	4008	4008TAG2A	72.8	78.2	85.0
P550P2/P605E2	2806	2806C-E18TAG1	61.3	68.5	75.0						

QVR40 Generating Set Model	Engine Family	Engine	Noise dBA @*			Model	Engine Family	Engine	Noise dBA @*		
			15m	7m	1m				15m	7m	1m
P350P4/P400E4	2206	2206C-E13TAG2	58.7	64.2	70.0	P550P5/P605P5	2806	2806A-E18TAG1	58.7	64.2	70.0
P350P5/P400E5	2206	2206A-E13TAG2	58.7	64.2	70.0	P591P2/P650E2	2806	2806C-E18TAG1A	58.7	64.2	70.0
P400P4/P450E4	2206	2206C-E13TAG3	58.7	64.2	70.0	P600P5/P660E5	2806	2806A-E18TAG1A	58.7	64.2	70.0
P400P5/P450E5	2206	2206A-E13TAG3	58.7	64.2	70.0	P635P5/P700E5	2806	2806A-E18TAG2	58.7	64.2	70.0
P450P2/P500E2	2506	2506C-E15TAG1	58.7	64.2	70.0	P730P1/P800E1	4006	4006-23TAG2A	63.8	69.0	75.0
P450P3/P500E3	2506	2506A-E15TAG1	58.7	64.2	70.0	P800P1/P900E1	4006	4006-23TAG3A	63.8	69.0	75.0
P500P2/P550E2	2506	2506C-E15TAG2	58.7	64.2	70.0	P910P1/P1000E1	4006	4008TAG1A	68.7	73.8	80.0
P500P3/P550E3	2506	2506A-E15TAG2	58.7	64.2	70.0	P1000P1/P1100E1	4008	4008TAG2A	68.7	73.8	80.0
P550P2/P605E2	2806	2806C-E18TAG1	58.7	64.2	70.0						

QVR40HC Generating Set Model	Engine Family	Engine	Noise dBA @*			Model	Engine Family	Engine	Noise dBA @*		
			15m	7m	1m				15m	7m	1m
P1250P3/P1375E3	4012	4012-46TWG2A	73.5	79.0	85.0	P1500P3/P1650E3	4012	4012-46TAG2A	73.5	79.0	85.0
P1350P1/P1500E1	4012	4012-46TWG3A	73.5	79.0	85.0	P1700P1/P1875E1	4012	4012-46TAG3A	78.0	83.0	89.0

*Noise level calculated in accordance with ISO 3744.

Noise levels above are calculated until full product validation is carried out.

Note: Standard reference conditions 25°C (77°F) Air Inlet Temp, 100m (328ft) A.S.L. 30% relative humidity.

60 Hz available on certain generating sets. Please contact your local Dealer.

Dimensions

QVR20 Generating Set	Length: mm (in)	Width: mm (in)	Height: mm (in)
P350P4/P900E1	6058 (238.5)	2438 (96)	2591 (102)

QVR30 Generating Set	Length: mm (in)	Width: mm (in)	Height: mm (in)
P350P4/P1100E1	9125 (359.3)	2438 (96)	2591 (102)

QVR40 Generating Set	Length: mm (in)	Width: mm (in)	Height: mm (in)
P350P4/P1100E1	12192 (480)	2438 (96)	2591 (102)

QVR40HC Generating 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.

FG Wilson (Engineering) Ltd

FG Wilson (Engineering) Ltd is a pioneer in the design and manufacture of diesel and gas generating sets. For over 40 years, FG Wilson 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 2200 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 generating 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.

FG Wilson's strength is in its ability to provide Power Solutions to often complex requirements, including power outputs well in excess of 2 MW.

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 has manufacturing facilities 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

