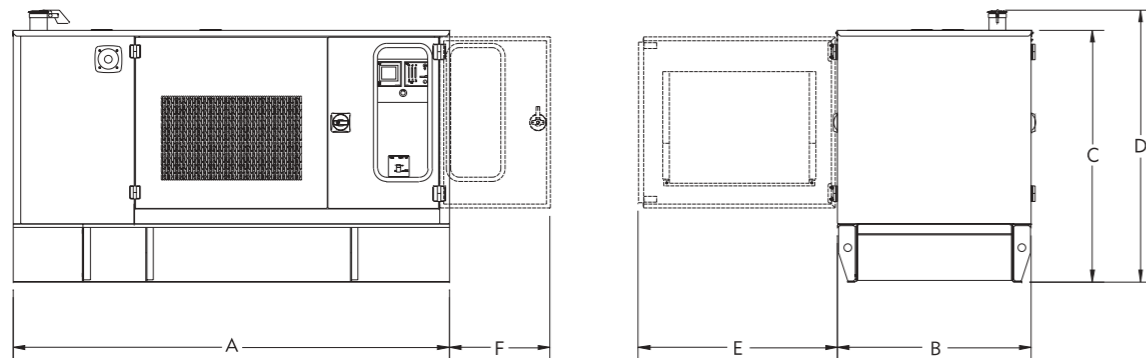


Sound Pressure Levels (dBA) 3 Phase

Generating Set Model	LWA	50 Hz						60 Hz					
		15 m (50 ft)		7 m (23 ft)		1 m (3 ft)		15 m (50 ft)		7 m (23 ft)		1 m (3 ft)	
		75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load
XP27	97	63.2	64.6	69.2	70.6	80.6	81.8	67.3	67.2	73.3	73.2	85.3	85.5
XP30E	97	63.2	65.2	69.2	71.2	80.6	82.8	67.3	67.6	73.3	73.6	85.3	85.8
XP40P1	96	65.0	65.0	71.0	71.0	80.8	80.8	68.5	68.5	74.5	74.5	84.2	84.2
XP44E1	96	65.0	65.6	71.0	71.6	80.8	81.4	68.5	68.5	74.5	74.5	84.2	84.5
XP45P1	96	65.0	65.6	71.0	71.6	80.8	81.4	68.5	68.5	74.5	74.5	84.2	84.5
XP50E1	96	65.0	65.6	71.0	71.6	80.8	82.3	68.5	68.6	74.5	74.6	84.2	84.7
XP60P1	97	62.7	62.7	68.7	68.7	78.8	78.8	66.1	66.1	72.1	72.1	82.2	82.2
XP65E1	97	62.7	62.7	68.7	68.7	78.8	78.8	66.1	66.1	72.1	72.1	82.2	82.2
XP75P1	97	62.7	63.3	68.7	69.3	78.8	79.6	66.1	66.5	72.1	72.5	82.2	83.0
XP83E1	97	62.7	63.8	68.7	69.8	78.8	80.3	66.1	66.8	72.1	72.8	82.2	83.4
XP90	99	62.7	63.8	68.7	69.8	79.9	80.0	64.4	65.1	70.4	71.1	82.9	83.1
XP100E	99	62.7	63.8	68.7	69.8	79.9	80.0	64.4	65.1	70.4	71.1	82.9	83.3
XP100	99	62.7	63.8	68.7	69.8	79.9	80.0	64.4	65.1	70.4	71.1	82.9	83.3
XP110E	99	62.7	64.5	68.7	70.5	79.9	80.5	64.4	65.4	70.4	71.4	82.9	83.1
XP135	99	63.4	63.8	69.4	69.8	81.0	81.6	67.1	67.1	73.1	73.1	83.9	84.4
XP150E	99	63.4	63.9	69.4	69.9	81.0	81.9	67.1	67.4	73.1	73.4	83.9	86.0
XP150P1	tba	tba	tba	tba	tba	tba	tba	n/a	n/a	n/a	n/a	n/a	n/a
XP165E1	tba	tba	tba	tba	tba	tba	tba	n/a	n/a	n/a	n/a	n/a	n/a

Also available as single phase generating sets. (Consult factory for details)



Dimensions and Weights 3 Phase

Generating Set Model	A: mm (in)	B: mm (in)	C: mm (in)	D: mm (in)	E: mm (in)	F: mm (in)	Weight:* kgs (lb)	Fuel Capacity L (US Gal)
XP27/ XP30E	1890 (74.4)	1000 (39.4)	1300 (51.2)	1390 (54.7)	1005 (39.6)‡	520 (20.5)	852 (1879)	175 (46)
XP40P1/ XP44E1	2250 (88.6)	1000 (39.4)	1300 (51.2)	1405 (55.3)	1005 (39.6)‡	520 (20.5)	1070 (2359)	175 (46)
XP45P1/XP50E1	2250 (88.6)	1000 (39.4)	1300 (51.2)	1405 (55.3)	1005 (39.6)‡	520 (20.5)	1090 (2403)	175 (46)
XP60P1/ XP65E1	2250 (88.6)	1000 (39.4)	1300 (51.2)	1405 (55.3)	1005 (39.6)‡	520 (20.5)	1140 (2513)	175 (46)
XP75P1/ XP83E1	2250 (88.6)	1000 (39.4)	1300 (51.2)	1405 (55.3)	1005 (39.6)‡	520 (20.5)	1180 (2601)	175 (46)
XP90/ XP100E	2830 (111)	1100 (43.3)	1670 (65.7)	1812 (71.3)	930 (36.6)‡	975 (38.4)≠	1600 (3527)	300 (79)
XP100/ XP110E	2830 (111)	1100 (43.3)	1670 (65.7)	1812 (71.3)	930 (36.6)‡	975 (38.4)≠	1600 (3527)	300 (79)
XP135/ XP150E	3245 (127)	1100 (43.3)	1670 (65.7)	1795 (70.7)	930 (36.6)‡	975 (38.4)≠	1860 (4101)	300 (79)
XP150P1/ XP165E1	3395 (134)	1100 (43.3)	1670 (65.7)	1795 (70.7)	930 (36.6)‡	975 (38.4)≠	1940 (4277)	300 (79)

* Includes oil & coolant; ‡ Clearance required both sides; ≠ Control panel rear mounted



▶ The Vision Enclosure



FG Wilson (Engineering) Ltd
 Old Glenarm Road, Larne, County Antrim BT40 1EJ
 Northern Ireland, United Kingdom
 Tel: +44 (0) 28 2826 1000 Fax: +44 (0) 28 2826 1111
 www.FGWilson.com



The new FG Wilson Vision Range of diesel generating sets underlines our commitment to meet your specific market needs, and has been designed in addition to our existing product range. These sets offer you a new compact design that gives you improved levels of serviceability.

Every Vision set comes factory tested with an extensive range of features conveniently packaged together. The Vision package brings together the field proven durability of the Perkins powered range of FG Wilson generating sets from 27 to 165 kVA. It incorporates a custom designed sound attenuated enclosure and a microprocessor based Access 2000 autostart control system.

The Access 2000 control system delivers a high value package while setting the standard in reliability, serviceability and package integration.

These enclosures reduce sound levels to comply with the new European Community regulations 2000/14/EC.

They provide the benefit of increased ease of installation and serviceability, all within a compact footprint.

Vision enclosures also offer the following features:

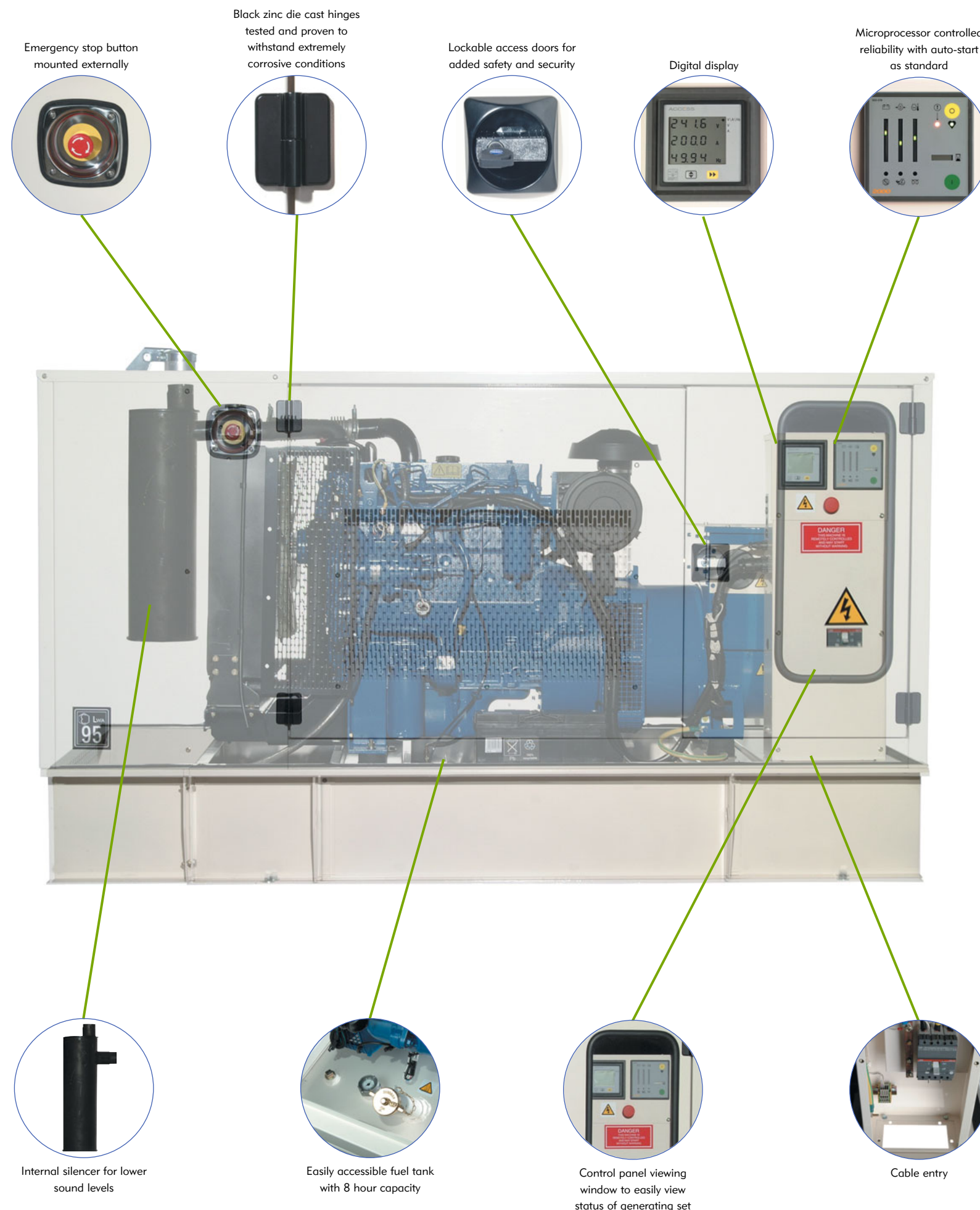
- ▶ High ambient clearance
- ▶ Industry leading, high quality paint finish
- ▶ Digital display control panel
- ▶ High quality manufacture from the market leader in sound attenuated generating sets
- ▶ Every machine is individually tested to ensure you receive a 'ready-to-run', reliable product

Fuel System

- ▶ Baseframe design incorporates an integral metal fuel tank of 8 hour capacity
- ▶ The fuel tank is supplied complete with contents indicator, fuel fill cap with breather, fuel feed and return lines to engine and drain plug

Transportability

- ▶ Lifting points on baseframe



Emergency stop button mounted externally

Black zinc die cast hinges tested and proven to withstand extremely corrosive conditions

Lockable access doors for added safety and security

Digital display

Microprocessor controlled reliability with auto-start as standard

Internal silencer for lower sound levels

Easily accessible fuel tank with 8 hour capacity

Control panel viewing window to easily view status of generating set

Cable entry

Control System - Access 2000

- ▶ Microprocessor controlled
- ▶ Engine parameter monitoring
- ▶ Digital display of current, voltage and frequency
- ▶ Autostart controls

The generating set can be automatically controlled by a remote signal (2 wire control) and when used in conjunction with an automatic transfer switch provides a fully automatic standby system

- ▶ Membrane keypad with tactile feedback
- ▶ UV stabilised IP55 fascia, impervious to diesel fuel or lubricating oil
- ▶ 3 pole miniature circuit breaker (mcb) < 160 amps and 3-pole moulded case circuit breaker (mccb) >= 160 amps
- ▶ Large outgoing cable stub-up area directly below circuit breaker

Serviceability

- ▶ Large cable entry area for installation ease
- ▶ Door location convenient to controls and service areas
- ▶ Vertically hinged doors allow 180° opening rotation
- ▶ Radiator fill access cover



The Vision set brings together ease of installation along with a high level of serviceability making the package as easy to install as it is to service.

