

FOR USE WITH AN ELECTRIC VACUUM PUMP OR AIR COMPRESSOR

Silverwing UK Ltd produces a range of vacuum boxes suitable for both new build inspection and inservice inspection. Unlike some vacuum boxes that rely upon a vulnerable calibrated pressure gauge the Silverwing range have calibrated pressure relief valves fitted as standard. The use of a calibrated (recalibration required annually) pressure relief valve ensures that not only do they meet the requirements of applicable international standards but the box cannot be damaged by drawing too great a vacuum.

The vacuum is generated by the use of an electric vacuum pump or by use of an Air Vacuum Generator (AVG) and external compressor. The vacuum boxes are rated to either 20 inch Hg (10psi/0.7bar) or 10 inch Hg (5psi/0.37bar) depending on usage. Inspection companies tend to use the electric pump with the vacuum boxes due to its 'greater flexibility while construction companies tend to use the AVG based systems.

HIGH PRESSURE VACUUM BOXES RATED TO 20 inch Hg

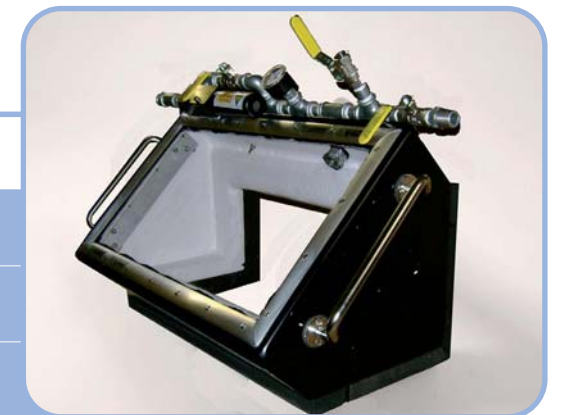


V600D

Physical Dimensions L 780 x W 280 x H 230 mm

Weight 10.35 kg

For butt or lap welds in tank floors and flat plates



V400D

Physical Dimensions L 660 x W 310 x H 380 mm

Weight 8.95 kg

For internal shell to annular welds

ELECTRIC VACUUM PUMP

Physical Dimensions L 500 x W 250 x H 310 mm

Power Supply 110 v or 220 v (specify at time of order)

Weight 27.70Kg



AIRLINE HOSE

Physical Dimensions L 10 m Diameter 13 mm

Weight 3.2 Kg

Max Pressure Rating 20bar / 300PSI

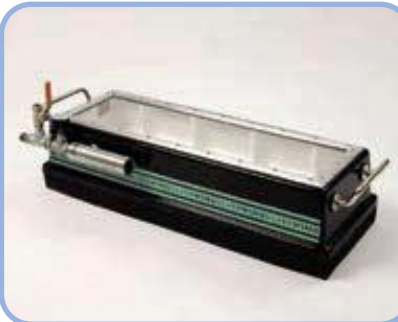
V600H For use with an electric vacuum pump

V600HAVG For use with an air compressor



FOR USE WITH AN ELECTRIC VACUUM PUMP

HIGH PRESSURE VACUUM BOXES RATED TO 20 inch Hg



V600F

Physical Dimensions L 780 x W 280 x H 230 mm

Weight 10.35 kg

For butt or lap welds in tank floors and flat plates

V400C

Physical Dimensions L 660 x W 310 x H 380 mm

Weight 8.95 kg

For internal shell to annular welds



LOW PRESSURE VACUUM BOXES RATED TO 10 inch Hg



V600LP

Physical Dimensions L 660 x W 220 x H 150 mm

Weight 2.5 kg

For butt or lap welds in tank floors and flat plates

V400LP

Physical Dimensions L 540 x W 220 x H 220 mm

Weight 4.0 kg

For internal shell to annular welds



FOR USE WITH AN AIR COMPRESSOR

HIGH PRESSURE VACUUM BOXES RATED TO 20 inch Hg



V600FAVG

Physical Dimensions L 780 x W 300 x H 230 mm

Weight 11.30 kg

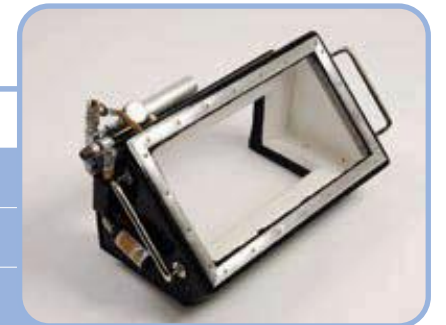
For butt or lap welds in tank floors and flat plates

V400CAVG

Physical Dimensions L 660 x W 310 x H 390 mm

Weight 9.15 kg

For internal shell to annular welds



LOW PRESSURE VACUUM BOXES RATED TO 10 inch Hg



V600LPAVG

Physical Dimensions L 660 x W 220 x H 250 mm

Weight 2.75 kg

For butt or lap welds in tank floors and flat plates

V400LPAVG

Physical Dimensions L 540 x W 230 x H 230 mm

Weight 4.25 kg

For internal shell to annular welds

