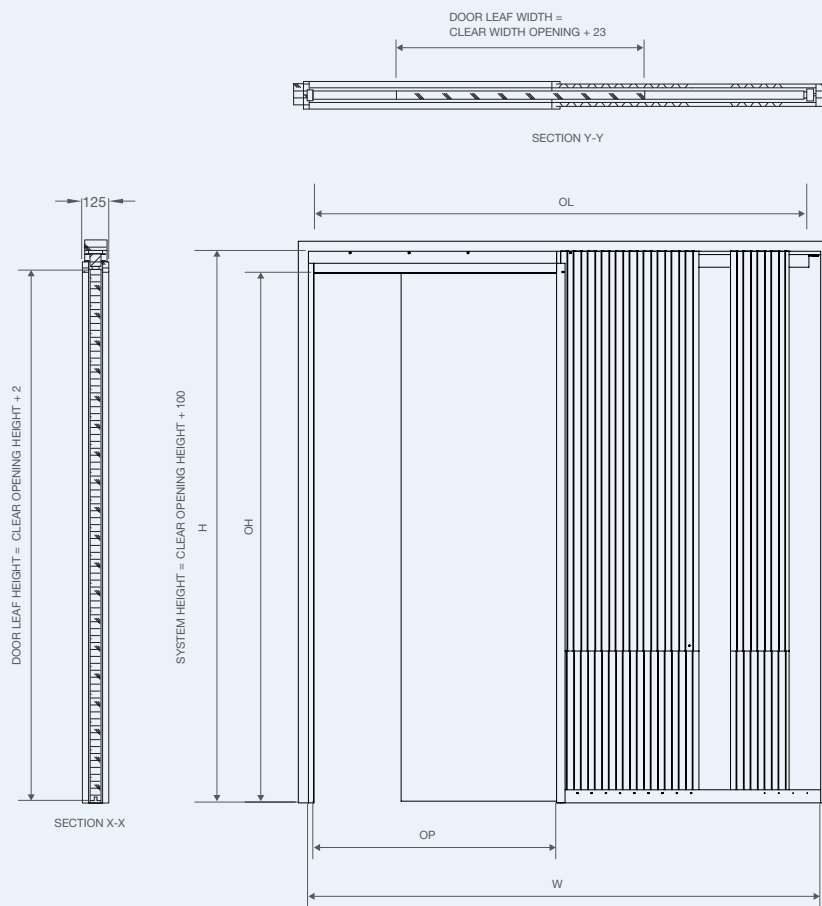# PORTMAN POWER KIT | PWSS

The Portman power operated system can be used in a single or double door leaf bi-parting configuration. The opening and closing speed depends on the door leaf's weight and it can be infinitely adjusted via a potentiometer.

The system accommodates a wide variety of functionality from Power assisted "Push & Go" through to push button operated.

A variety of additional activators such as PIR and/or safety sensors can also be built into the system.

NOT suitable for Fire Rated applications.

- Electromechanical sliding door operator for internal doors between 20kg and 80kg
- Adjustable opening and closing speed
- Adjustable hold open delay WC function (requires additional electromechanical lock)
- Self learning position initialisation set up Mains powered via fused spur or 13amp plug. No requirement for independent power supply
- Integrated "Push & Go" function - small manual movement engages operator
- Close cycle safety stop. When door hits obstacle door auto opens
- Option to add push button open/close (requires separate buttons)
- Option to add additional safety sensors
- Power failure, default manual operation

DOOR LEAF WIDTH =
CLEAR WIDTH OPENING + 23

SECTION Y-Y

125

OL

DOOR LEAF HEIGHT = CLEAR OPENING HEIGHT + 2

SYSTEM HEIGHT = CLEAR OPENING HEIGHT + 100

H

OH

SECTION X-X

OP

W

COMPATIBLE ACCESSORIES
Architectural flush pulls
Wall reinforcing kit

STANDARD DOOR LEAVES
Flush
2 Panel shadow gap
4 Panel recessed
4 Panel shaker
Vertical boarded door
Glazed door

MORE INFORMATION
Website
Installation instructions

KITS

Standard (2100mm and tall 2700)

System	Minimum clear opening width	Maximum clear opening width	System width
Standard width door leaf PWSS200SD/PWSS200TD	737mm	861mm	1845mm
Intermediate width door leaf PWSS200ID/ PWSS200ITD	862mm	986mm	2095mm
Wide door leaf PWSS200WD/PWSS200WD	987mm	1111mm	2345mm

For door individual door leaf weights between 20kg and 80kg
For double door applications please contact the sales office

To calculate studwork width and height from known door dimensions:

Studwork width (W) = Operating length (OL) - 79mm
Studwork height (H) = Door height (HP) + 90mm

To calculate door height from known studwork height:

Door height (HP) = Studwork height (H) - 90mm

To calculate the door size from known door opening dimensions:

Door width (WP) = Door opening width (OP) + 23mm
Door height (HP) = Door opening height (OH) + 2mm

To calculate door opening width and height from known door dimensions:

Door opening width (OP) = Door width (WP) - 23mm
Door opening height (OH) = Door height (HP) - 2mm