

Polypipe Ventilation Specification





Polypipe Ventilation Sandall Stones Road Kirk Sandall Industrial Park Kirk Sandall, DN3 1QR UK tel: 08443 715523 fax: 08443 715524 Intl tel: +44 (0)1302 348878 fax: +44 (0)1302 348879 Email: vent.info@polypipe.com Web: www.polypipe.com/ventilation



Domis

Contents	Page
Scope of Works	3
Typical Specifications	3
Manufacturer	5
Product Range	5
Material	5
Size	5
Accessories	5

Appendix A – Range Details	6
Appendix B – Installation Instructions	7
Appendix C – Resistance Data in Pascals (Pa)	8
Appendix D – Free Area in mm²	8





Standard

- i) A fixed louvre grille with a free area and a minimum of 90% of the free area of the duct being used shall be provided for the exhaust of stale (extracted) air from a intermittent centrifugal extract fan (fitted with backdraught shutters) in accordance with the requirements of the Domestic Ventilation Compliance Guide 2010 edition
- or ii) A fixed louvre grille with a free area and a minimum of 90% of the free area of the duct being used shall be provided for the exhaust of stale (extracted) air from a centralised mechanical extract ventilation system (cMEV) in accordance with the requirements of the Domestic Ventilation Compliance Guide 2010 edition
- or iii) Fixed louvre grilles with a free area and a minimum of 90% of the free area of the duct being used shall be provided for the exhaust of stale (extracted) air and the supply of fresh (supply) air to and from a centralised mechanical ventilation system with heat recovery (MVHR) in accordance with the requirements of the Domestic Ventilation Compliance Guide 2010 edition
- or iv) A gravity flap outlet with a free area and a minimum of 90% of the free area of the duct being used shall be provided for the exhaust of stale (extracted) air from an intermittent axial extract fan (without backdraught shutters) in accordance with the requirements of the Domestic Ventilation Compliance Guide 2010 edition
- or v) A cowled outlet with damper with a free area and a minimum of 90% of the free area of the duct being used shall be provided for the exhaust of stale (extracted) air from a range hood or other intermittent extract fan without backdraught shutters in accordance with the requirements of the Domestic Ventilation Compliance Guide 2010 edition

Domestic Ventilation Compliance Guide 2010 edition specific references are:

Table 1: System 1 installation guidelines; 2.0 Ventilation air inlets and discharge terminals/grilles; discharge terminals/grilles – roof and wall mounted. Point B.

Table 5: System 3 installation guidelines; 5.0 External discharge terminal; discharge terminals/grilles – roof and wall mounted. Point B.

Table 7: System 4 installation guidelines; 5.0 External supply and discharge terminal; supply and discharge terminals/grilles – roof and wall mounted. Point B.

Typical Specifications

i) A Polypipe Ventilation, Domus branded fixed louvre grille with a free area and a minimum of 90% of the free area of the duct being used shall be provided for the exhaust of stale (extracted) air from an intermittent centrifugal extract fan (fitted with backdraught shutters) in accordance with the requirements of the Domestic Ventilation Compliance Guide 2010 edition.

Polypipe Ventilation Sandall Stones Road Kirk Sandall Industrial Park Kirk Sandall, DN3 1QR UK tel: 08443 715523 fax: 08443 715524 Intl tel: +44 (0)1302 348878 fax: +44 (0)1302 348879 Email: vent.info@polypipe.com Web: www.polypipe.com/ventilation





For further information please contact Polypipe Ventilation's Technical Team on 08443 715523 or email <u>vent.tech@polypipe.com</u>

or ii) A Polypipe Ventilation, Domus brand fixed louvre grille with a free area and a minimum of 90% of the free area of the duct being used shall be provided for the exhaust of stale (extracted) air from a centralised mechanical extract ventilation system (cMEV) in accordance with the requirements of the Domestic Ventilation Compliance Guide 2010 edition

For further information please contact Polypipe Ventilation's Technical Team on 08443 715523 or email <u>vent.tech@polypipe.com</u>

or iii) Polypipe Ventilation, Domus brand fixed louvre grilles with a free area and a minimum of 90% of the free area of the duct being used shall be provided for the exhaust of stale (extracted) air and the supply of fresh air to and from a centralised mechanical ventilation system with heat recovery (MVHR) in accordance with the requirements of the Domestic Ventilation Compliance Guide 2010 edition.

For further information please contact Polypipe Ventilation's Technical Team on 08443 715523 or email <u>vent.tech@polypipe.com</u>

or iv) A Polypipe Ventilation, Domus brand gravity flap outlet with a free area and a minimum of 90% of the free area of the duct being used shall be provided for the exhaust of stale (extracted) air from an intermittent axial extract fan (without backdraught shutters) in accordance with the requirements of the Domestic Ventilation Compliance Guide 2010 edition.

For further information please contact Polypipe Ventilation's Technical Team on 08443 715523 or email <u>vent.tech@polypipe.com</u>

or v) A Polypipe Ventilation, Domus brand cowled outlet and damper with a free area and a minimum of 90% of the free area of the duct being used shall be provided for the exhaust of stale (extracted) air from a range hood or other intermittent extract fan without backdraught shutters in accordance with the requirements of the Domestic Ventilation Compliance Guide 2010 edition.

For further information please contact Polypipe Ventilation's Technical Team on 08443 715523 or email <u>vent.tech@polypipe.com</u>





Manufacturer

Polypipe Ventilation

Product Range

Domus grilles and outlets

Materials

UV stabilised high impact polystyrene (HIPS)

Gravity flaps: Polypropylene

Colours: White (RAL9016 traffic white) Brown (RAL8011 nut brown) Terracotta (RAL8004 copper brown) Cotswold (RAL1014 ivory) Black (not RAL specific)

Sizes

Male spigots to connect directly to Domus EasiPipe circular ducts: 100mm, 125mm and 150mm inside diameter

Male spigots to connect directly to System 100 rectangular ducts: 110mm x 54mm

Accessories

Flyscreen variants for passive ventilation installations

Retail packed variants



Damis

Appendix A

Range Details

4900W 100mm gravity flap outlet – white † 4901B 110mm x 54mm gravity flap outlet – brown † 4901C 110mm x 54mm gravity flap outlet – cotswold 4901T 110mm x 54mm gravity flap outlet – white † 4902B 100mm cowled outlet with damper – brown † 4902B 100mm cowled outlet with damper – cotswold 4902C 100mm cowled outlet with damper – cotswold 4902W 100mm cowled outlet with damper – cotswold 4902W 100mm x 54mm cowled outlet with damper – brown † 4903B 110mm x 54mm cowled outlet with damper – brown 4903B 100mm fixed louvre grille – brown *4904C 100mm fixed louvre grille – cotswold *4904T 100mm fixed louvre grille – cotswold *4904W 100mm fixed louvre grille – cotswold *4905B 110mm x 54mm fixed louvre grille – terracotta *4905W 110mm x 54mm fixed louvre grille – terracotta *4905W 100mm gravity flap outlet – terracotta *4905W 110mm x 54mm fixed louvre grille – terracotta *900C 125mm gravity flap outlet – terracotta *900D 125mm gravity flap outlet – terracotta *900W 125mm gravity flap outlet – terracotta	4900B 4900BK 4900C 4900T	100mm gravity flap outlet – brown † 100mm gravity flap outlet – black † 100mm gravity flap outlet – cotswold 100mm gravity flap outlet – terracotta †
4901B110mm x 54mm gravity flap outlet - brown †4901C110mm x 54mm gravity flap outlet - cotswold4901T110mm x 54mm gravity flap outlet - white †4902B100mm cowled outlet with damper - brown †4902B100mm cowled outlet with damper - black †4902C100mm cowled outlet with damper - brown †4902W100mm cowled outlet with damper - cotswold4902W100mm cowled outlet with damper - white †4903B110mm x 54mm cowled outlet with damper - brown4903W100mm fixed louvre grille - brown*4904D100mm fixed louvre grille - cotswold*4904T100mm fixed louvre grille - cotswold*4905D110mm x 54mm fixed louvre grille - brown*4905C110mm x 54mm fixed louvre grille - brown*4905C110mm x 54mm fixed louvre grille - cotswold4905T110mm x 54mm fixed louvre grille - terracotta*4905W110mm x 54mm fixed louvre grille - white*4905W110mm x 54mm fixed louvre grille - totswold990T125mm gravity flap outlet - brown †5900B125mm gravity flap outlet - totswold5900T125mm gravity flap outlet - cotswold5902B125mm cowled outlet - brown †5902B125mm cowled outlet - white †5902C125mm fixed louvre grille - brown †5904C125mm fixed louvre grille - terracotta5904T125mm fixed louvre grille - torswold5904T125mm fixed louvre grille - torswold6900C150mm gravity flap outlet - brown6900C150mm gravity flap outlet - brown <td></td> <td></td>		
4901T110mm x 54mm gravity flap outlet - terracotta †4901W110mm x 54mm gravity flap outlet - white †4902B100mm cowled outlet with damper - black †4902C100mm cowled outlet with damper - black †4902T100mm cowled outlet with damper - black †4902B100mm cowled outlet with damper - terracotta4902W100mm cowled outlet with damper - white †4903B110mm x 54mm cowled outlet with damper - brown4903W110mm x 54mm cowled outlet with damper - white *4904D100mm fixed louvre grille - cotswold*4904T100mm fixed louvre grille - cotswold*4904B100mm fixed louvre grille - brown*4905D110mm x 54mm fixed louvre grille - brown*4905D110mm x 54mm fixed louvre grille - cotswold4905T110mm x 54mm fixed louvre grille - terracotta*4905W110mm x 54mm fixed louvre grille - white5900B125mm gravity flap outlet - brown †5900C125mm gravity flap outlet - white †5900B125mm gravity flap outlet - white †5902C125mm cowled outlet - white †5902C125mm cowled outlet - brown †5902C125mm cowled outlet - white †5904D125mm fixed louvre grille - cotswold5902T125mm fixed louvre grille - brown †5904D125mm fixed louvre grille - brown †5904D125mm fixed louvre grille - brown †*5904D125mm fixed louvre grille - brown †*5904D125mm fixed louvre grille - brown †*5904D125mm fixed louvre grille - brown †		110mm x 54mm gravity flap outlet – brown †
4901W110mm x 54mm gravity flap outlet – white †4902B100mm cowled outlet with damper – brown †4902BK100mm cowled outlet with damper – brown †4902C100mm cowled outlet with damper – brown †4902T100mm cowled outlet with damper – terracotta4902W100mm cowled outlet with damper – white †4903B110mm x 54mm cowled outlet with damper – white †4903W110mm x 54mm cowled outlet with damper – white*4904D100mm fixed louvre grille – brown*4904C100mm fixed louvre grille – cotswold*4904T100mm fixed louvre grille – white*4905B110mm x 54mm fixed louvre grille – brown*4905C110mm x 54mm fixed louvre grille – cotswold4905T110mm x 54mm fixed louvre grille – cotswold4905W110mm x 54mm fixed louvre grille – white*4905W110mm x 54mm fixed louvre grille – white*5900B125mm gravity flap outlet – brown †5900C125mm gravity flap outlet – cotswold5900T125mm gravity flap outlet – white †5902B125mm cowled outlet – white †5902C125mm cowled outlet – brown †5902C125mm fixed louvre grille – cotswold5902T125mm fixed louvre grille – brown †5904C125mm fixed louvre grille – cotswold5904T125mm fixed louvre grille – brown †*5904D125mm fixed louvre grille – brown †*5904C150mm gravity flap outlet – brown †*5904C150mm gravity flap outlet – brown †*5904B125mm fixed louvre grille – brown <t< td=""><td></td><td></td></t<>		
4902B100mm cowled outlet with damper – brown †4902BK100mm cowled outlet with damper – black †4902C100mm cowled outlet with damper – cotswold4902T100mm cowled outlet with damper – etrracotta4902W100mm cowled outlet with damper – white †4903B110mm x 54mm cowled outlet with damper – brown4904D100mm fixed louvre grille – brown*4904D100mm fixed louvre grille – cotswold*4904T100mm fixed louvre grille – terracotta*4904D100mm fixed louvre grille – terracotta*4905B110mm x 54mm fixed louvre grille – brown*4905C110mm x 54mm fixed louvre grille – cotswold4905T110mm x 54mm fixed louvre grille – terracotta*4905W110mm x 54mm fixed louvre grille – white5900B125mm gravity flap outlet – brown †5900C125mm gravity flap outlet – brown †5900B125mm gravity flap outlet – white †5902B125mm cowled outlet – cotswold5902T125mm cowled outlet – cotswold5902W125mm cowled outlet – brown †5902B125mm fixed louvre grille – terracotta5902W125mm fixed louvre grille – terracotta5902W125mm fixed louvre grille – terracotta5904D125mm fixed louvre grille – terracotta*5904D125mm fixed louvre grille – terracotta*5904D125mm fixed louvre grille – terracotta*5904D125mm gravity flap outlet – terracotta*5904D125mm fixed louvre grille – terracotta*5904D125mm fixed louvre grille – terracotta <td></td> <td></td>		
4902BK100mm cowled outlet with damper – black †4902C100mm cowled outlet with damper – cotswold4902T100mm cowled outlet with damper – terracotta4902W100mm cowled outlet with damper – brown4903B110mm x 54mm cowled outlet with damper – brown4904B100mm fixed louvre grille – brown*4904C100mm fixed louvre grille – cotswold*4904T100mm fixed louvre grille – terracotta*4904B100mm fixed louvre grille – white*4905B110mm x 54mm fixed louvre grille – brown*4905C110mm x 54mm fixed louvre grille – cotswold4905T110mm x 54mm fixed louvre grille – terracotta*4905W110mm x 54mm fixed louvre grille – white5900B125mm gravity flap outlet – brown †5900C125mm gravity flap outlet – cotswold5900T125mm gravity flap outlet – terracotta5900W125mm gravity flap outlet – terracotta5902C125mm cowled outlet – brown †5902B125mm cowled outlet – white †5902C125mm fixed louvre grille – cotswold5902T125mm fixed louvre grille – cotswold5902W125mm fixed louvre grille – terracotta5904D125mm fixed louvre grille – terracotta5904D125mm gravity flap outlet – white †6900B150mm gravity flap outlet – cotswold6900C150mm gravity flap outlet – terracotta6900D150mm gravity flap outlet – white †6900B150mm gravity flap outlet – terracotta6900C150mm gravity flap outlet – terracotta69		
4902C100mm cowled outlet with damper – cotswold4902T100mm cowled outlet with damper – terracotta4902W100mm cowled outlet with damper – white †4903B110mm x 54mm cowled outlet with damper – brown4903W110mm x 54mm cowled outlet with damper – white*4904B100mm fixed louvre grille – brown*4904C100mm fixed louvre grille – cotswold*4904T100mm fixed louvre grille – terracotta*4904W100mm fixed louvre grille – white*4905B110mm x 54mm fixed louvre grille – brown*4905C110mm x 54mm fixed louvre grille – cotswold4905T110mm x 54mm fixed louvre grille – terracotta*4905W110mm x 54mm fixed louvre grille – white5900B125mm gravity flap outlet – brown †5900C125mm gravity flap outlet – cotswold5900T125mm gravity flap outlet – terracotta5902B125mm cowled outlet – terracotta5902C125mm cowled outlet – terracotta5902W125mm fixed louvre grille – cotswold5902T125mm fixed louvre grille – terracotta5904B125mm fixed louvre grille – terracotta5904C125mm fixed louvre grille – terracotta*5904B125mm gravity flap outlet – white †*5904C125mm gravity flap outlet – white †6900B150mm gravity flap outlet – cotswold*5904C125mm fixed louvre grille – terracotta*5904W125mm gravity flap outlet – brown †*5904W125mm gravity flap outlet – brown6900C150mm gravity flap outlet – brown <tr< td=""><td></td><td></td></tr<>		
4902T100mm cowled outlet with damper - terracotta4902W100mm cowled outlet with damper - white †4903B110mm x 54mm cowled outlet with damper - brown4903W110mm x 54mm cowled outlet with damper - white*4904B100mm fixed louvre grille - brown*4904C100mm fixed louvre grille - cotswold*4904T100mm fixed louvre grille - white*4905B110mm x 54mm fixed louvre grille - brown*4905C110mm x 54mm fixed louvre grille - cotswold4905T110mm x 54mm fixed louvre grille - terracotta*4905W110mm x 54mm fixed louvre grille - white5900B125mm gravity flap outlet - brown †5900C125mm gravity flap outlet - cotswold5900W125mm gravity flap outlet - terracotta5900W125mm cowled outlet - brown †5902C125mm cowled outlet - brown †5902B125mm cowled outlet - cotswold5902T125mm fixed louvre grille - brown †5902C125mm fixed louvre grille - brown †5902B125mm cowled outlet - cotswold5902T125mm fixed louvre grille - brown †*5904B125mm fixed louvre grille - brown †*5904B125mm fixed louvre grille - brown †*5904B125mm fixed louvre grille - brown †*5904W125mm fixed louvre grille - white †*5904W125mm fixed louvre grille - white †*5904W125mm fixed louvre grille - brown †*5904W125mm fixed louvre grille - brown †*5904W125mm fixed louvre grille - brown*6904D150mm gravity fl		
4902W100mm cowled outlet with damper – white †4903B110mm x 54mm cowled outlet with damper – brown4903W110mm x 54mm cowled outlet with damper – white*4904B100mm fixed louvre grille – brown*4904C100mm fixed louvre grille – cotswold*4904T100mm fixed louvre grille – cotswold*4904W100mm fixed louvre grille – white*4905B110mm x 54mm fixed louvre grille – brown*4905C110mm x 54mm fixed louvre grille – cotswold4905T110mm x 54mm fixed louvre grille – cotswold4905W110mm x 54mm fixed louvre grille – terracotta*4905W110mm x 54mm fixed louvre grille – terracotta*4905W110mm x 54mm fixed louvre grille – terracotta*5900B125mm gravity flap outlet – brown †5900C125mm gravity flap outlet – terracotta5900W125mm gravity flap outlet – terracotta5902C125mm cowled outlet – cotswold5902T125mm cowled outlet – terracotta5902W125mm cowled outlet – white †*5904B125mm fixed louvre grille – brown †*5904C125mm fixed louvre grille – terracotta*5904W125mm fixed louvre grille – terracotta*5904W125mm gravity flap outlet – cotswold*5904T125mm gravity flap outlet – terracotta*5904W125mm fixed louvre grille – terracotta*5904W125mm fixed louvre grille – terracotta*5904W125mm fixed louvre grille – terracotta*5904W125mm gravity flap outlet – terracotta*5904W150mm gravity flap outlet – te		
4903W110mm x 54mm cowled outlet with damper – white*4904B100mm fixed louvre grille – brown*4904C100mm fixed louvre grille – cotswold*4904T100mm fixed louvre grille – terracotta*4904W100mm fixed louvre grille – terracotta*4905B110mm x 54mm fixed louvre grille – brown*4905C110mm x 54mm fixed louvre grille – cotswold4905T110mm x 54mm fixed louvre grille – terracotta*4905W110mm x 54mm fixed louvre grille – terracotta*4905W110mm x 54mm fixed louvre grille – terracotta*5900B125mm gravity flap outlet – brown †5900C125mm gravity flap outlet – cotswold5900T125mm gravity flap outlet – terracotta5900B125mm cowled outlet – terracotta5902C125mm cowled outlet – terracotta5902D125mm cowled outlet – terracotta5902C125mm fixed louvre grille – brown †5902W125mm fixed louvre grille – brown †*5904B125mm fixed louvre grille – terracotta*5904C125mm fixed louvre grille – terracotta*5904W125mm fixed louvre grille – terracotta*5904W125mm fixed louvre grille – terracotta*5904W150mm gravity flap outlet – brown6900B150mm gravity flap outlet – terracotta6900W150mm gravity flap outlet – terracotta6902B150mm cowled outlet – terracotta<	4902W	100mm cowled outlet with damper – white †
*4904B100mm fixed louvre grille – brown*4904C100mm fixed louvre grille – cotswold*4904T100mm fixed louvre grille – terracotta*4904W100mm fixed louvre grille – white*4905B110mm x 54mm fixed louvre grille – brown*4905C110mm x 54mm fixed louvre grille – terracotta*4905W110mm x 54mm fixed louvre grille – terracotta*4905W110mm x 54mm fixed louvre grille – terracotta*4905W110mm x 54mm fixed louvre grille – white5900B125mm gravity flap outlet – brown †5900C125mm gravity flap outlet – terracotta5900W125mm gravity flap outlet – terracotta5900W125mm gravity flap outlet – terracotta5902B125mm cowled outlet – brown †5902C125mm cowled outlet – terracotta5902W125mm cowled outlet – terracotta5902W125mm cowled outlet – terracotta5902W125mm fixed louvre grille – terracotta5904C125mm fixed louvre grille – terracotta5904D125mm fixed louvre grille – terracotta*5904T125mm fixed louvre grille – terracotta*5904W125mm fixed louvre grille – terracotta*5904W125mm gravity flap outlet – brown6900B150mm gravity flap outlet – brown6900C150mm gravity flap outlet – terracotta6900W150mm gravity flap outlet – terracotta6902B150mm cowled outlet – brown6902C150mm gravity flap outlet – terracotta6902B150mm cowled outlet – terracotta6902C150mm cowled outle		
*4904C100mm fixed louvre grille – cotswold*4904T100mm fixed louvre grille – terracotta*4904W100mm fixed louvre grille – white*4905B110mm x 54mm fixed louvre grille – brown*4905C110mm x 54mm fixed louvre grille – cotswold4905T110mm x 54mm fixed louvre grille – terracotta*4905W110mm x 54mm fixed louvre grille – white5900B125mm gravity flap outlet – brown †5900C125mm gravity flap outlet – cotswold5900T125mm gravity flap outlet – terracotta5900W125mm gravity flap outlet – terracotta5900W125mm gravity flap outlet – terracotta5902C125mm gravity flap outlet – terracotta5902B125mm cowled outlet – brown †5902C125mm cowled outlet – terracotta5902W125mm cowled outlet – terracotta5902W125mm fixed louvre grille – brown †*5904B125mm fixed louvre grille – terracotta*5904C125mm fixed louvre grille – terracotta*5904T125mm fixed louvre grille – terracotta*5904W125mm fixed louvre grille – white †*5904W125mm fixed louvre grille – terracotta*5904W150mm gravity flap outlet – terracotta6900B150mm gravity flap outlet – brown6900C150mm gravity flap outlet – brown6902B150mm cowled outlet – brown6902C150mm gravity flap outlet – brown6902B150mm cowled outlet – brown6902C150mm cowled outlet – brown6902C150mm cowled outlet – brown		
*4904T100mm fixed louvre grille – terracotta*4904W100mm fixed louvre grille – white*4905B110mm x 54mm fixed louvre grille – brown*4905C110mm x 54mm fixed louvre grille – cotswold4905T110mm x 54mm fixed louvre grille – terracotta*4905W110mm x 54mm fixed louvre grille – white5900B125mm gravity flap outlet – brown †5900C125mm gravity flap outlet – cotswold5900T125mm gravity flap outlet – terracotta5900W125mm gravity flap outlet – white †5902B125mm gravity flap outlet – terracotta5902C125mm gravity flap outlet – brown †5902C125mm cowled outlet – brown †5902C125mm cowled outlet – terracotta5902W125mm fixed louvre grille – terracotta5902W125mm fixed louvre grille – terracotta5904T125mm fixed louvre grille – terracotta*5904T125mm fixed louvre grille – terracotta*5904W125mm fixed louvre grille – terracotta*5904W150mm gravity flap outlet – terracotta6900C150mm gravity flap outlet – terracotta6900W150mm gravity flap outlet – terracotta6900W150mm gravity flap outlet – terracotta6902B150mm cowled outlet – brown6902C150mm cowled outlet – brown6902C150mm cowled outlet – terracotta6902C150mm cowled outle		
*4904W100mm fixed louvre grille – white*4905B110mm x 54mm fixed louvre grille – brown*4905C110mm x 54mm fixed louvre grille – cotswold4905T110mm x 54mm fixed louvre grille – terracotta*4905W110mm x 54mm fixed louvre grille – white5900B125mm gravity flap outlet – brown †5900C125mm gravity flap outlet – cotswold5900T125mm gravity flap outlet – terracotta5900W125mm gravity flap outlet – white †5902B125mm gravity flap outlet – white †5902C125mm cowled outlet – brown †5902C125mm cowled outlet – brown †5902C125mm cowled outlet – terracotta5902W125mm cowled outlet – terracotta5904B125mm fixed louvre grille – brown †*5904B125mm fixed louvre grille – cotswold*5904T125mm fixed louvre grille – terracotta*5904W125mm fixed louvre grille – terracotta*5904W125mm fixed louvre grille – white †*5904W125mm gravity flap outlet – brown †*5904W125mm fixed louvre grille – white †6900B150mm gravity flap outlet – brown6900C150mm gravity flap outlet – terracotta6900W150mm gravity flap outlet – terracotta6900W150mm gravity flap outlet – brown6902C150mm cowled outlet – brown6902B150mm cowled outlet – brown6902C150mm cowled outlet – brown6902C150mm cowled outlet – brown6902C150mm cowled outlet – cotswold6902F150mm fixed		
*4905B110mm x 54mm fixed louvre grille - brown*4905C110mm x 54mm fixed louvre grille - cotswold4905T110mm x 54mm fixed louvre grille - terracotta*4905W110mm x 54mm fixed louvre grille - white5900B125mm gravity flap outlet - brown †5900C125mm gravity flap outlet - cotswold5900T125mm gravity flap outlet - terracotta5900W125mm gravity flap outlet - white †5902B125mm cowled outlet - brown †5902C125mm cowled outlet - brown †5902C125mm cowled outlet - cotswold5902T125mm cowled outlet - terracotta5902W125mm cowled outlet - white †*5904B125mm fixed louvre grille - brown †*5904C125mm fixed louvre grille - cotswold*5904T125mm fixed louvre grille - terracotta*5904W125mm fixed louvre grille - terracotta*5904W125mm fixed louvre grille - white †*5904W125mm fixed louvre grille - white †6900B150mm gravity flap outlet - brown6900C150mm gravity flap outlet - brown6900Z150mm gravity flap outlet - brown6902B150mm cowled outlet - cotswold6902T150mm cowled outlet - brown6902C150mm cowled outlet - brown6902B150mm cowled outlet - brown6902C150mm cowled outlet - cotswold6902T150mm cowled outlet - cotswold6902W150mm cowled outlet - cotswold6902C150mm fixed louvre grille - terracotta6904B150mm fixed louvre grille - tor		
*4905C110mm x 54mm fixed louvre grille – cotswold4905T110mm x 54mm fixed louvre grille – terracotta*4905W110mm x 54mm fixed louvre grille – white5900B125mm gravity flap outlet – brown †5900C125mm gravity flap outlet – cotswold5900T125mm gravity flap outlet – terracotta5900W125mm gravity flap outlet – white †5902B125mm cowled outlet – brown †5902C125mm cowled outlet – cotswold5902T125mm cowled outlet – terracotta5902W125mm cowled outlet – terracotta5902W125mm cowled outlet – terracotta5902W125mm fixed louvre grille – brown †*5904B125mm fixed louvre grille – cotswold*5904T125mm fixed louvre grille – terracotta*5904W125mm gravity flap outlet – brown6900C150mm gravity flap outlet – brown6900C150mm gravity flap outlet – brown6902B150mm cowled outlet – brown6902C150mm cowled outlet – brown6902T150mm cowled outlet – brown6902B150mm cowled outlet – brown6902C150mm cowled outlet – brown6902C150mm cowled outlet – brown6902C150mm cowled outlet – brown6904B150mm fixed louvre grille – brown*6904B150mm fixed louvre grille – brown <td></td> <td></td>		
*4905W110mm x 54mm fixed louvre grille – white5900B125mm gravity flap outlet – brown †5900C125mm gravity flap outlet – cotswold5900T125mm gravity flap outlet – terracotta5900W125mm gravity flap outlet – white †5902B125mm cowled outlet – brown †5902C125mm cowled outlet – cotswold5902T125mm cowled outlet – terracotta5902W125mm cowled outlet – terracotta5902W125mm cowled outlet – white †*5904B125mm fixed louvre grille – brown †*5904C125mm fixed louvre grille – cotswold*5904T125mm fixed louvre grille – cotswold*5904W125mm fixed louvre grille – terracotta*5904W125mm fixed louvre grille – terracotta*5904W125mm fixed louvre grille – white †6900B150mm gravity flap outlet – brown6900C150mm gravity flap outlet – cotswold6900W150mm gravity flap outlet – white6902B150mm cowled outlet – brown6902C150mm cowled outlet – cotswold6902T150mm cowled outlet – cotswold6902C150mm cowled outlet – brown6902C150mm cowled outlet – terracotta6902W150mm cowled outlet – terracotta6904B150mm fixed louvre grille – brown*6904B150mm fixed louvre grille – cotswold*6904C150mm fixed louvre grille – terracotta*6904T150mm fixed louvre grille – terracotta	*4905C	
5900B125mm gravity flap outlet - brown † 5900C5900C125mm gravity flap outlet - cotswold5900T125mm gravity flap outlet - terracotta5900W125mm gravity flap outlet - white † 5902B5902B125mm cowled outlet - brown † 5902C5902T125mm cowled outlet - cotswold5902W125mm cowled outlet - terracotta5902W125mm cowled outlet - white † *5904B*5904B125mm fixed louvre grille - brown † *5904C*5904T125mm fixed louvre grille - cotswold*5904W125mm fixed louvre grille - terracotta *5904W*5904W125mm fixed louvre grille - terracotta *5904W*5904W125mm fixed louvre grille - terracotta *5904W*5904W125mm fixed louvre grille - white †6900B150mm gravity flap outlet - brown 6900C6900T150mm gravity flap outlet - terracotta 6900W6902B150mm cowled outlet - brown 6902C6902B150mm cowled outlet - cotswold 6902T6902W150mm cowled outlet - terracotta 6902W6902W150mm cowled outlet - terracotta 6902W6904B150mm fixed louvre grille - brown *6904C*6904T150mm fixed louvre grille - cotswold *6904T*6904T150mm fixed louvre grille - cotswold *6904T		
5900C125mm gravity flap outlet – cotswold5900T125mm gravity flap outlet – terracotta5900W125mm gravity flap outlet – white †5902B125mm cowled outlet – brown †5902C125mm cowled outlet – cotswold5902T125mm cowled outlet – terracotta5902W125mm cowled outlet – white †*5904B125mm fixed louvre grille – brown †*5904C125mm fixed louvre grille – cotswold*5904T125mm fixed louvre grille – cotswold*5904T125mm fixed louvre grille – terracotta*5904W125mm fixed louvre grille – terracotta*5904W125mm fixed louvre grille – terracotta*5904W125mm fixed louvre grille – white †6900B150mm gravity flap outlet – brown6900C150mm gravity flap outlet – terracotta6900W150mm gravity flap outlet – terracotta6902B150mm cowled outlet – brown6902C150mm cowled outlet – cotswold6902T150mm cowled outlet – terracotta6902W150mm cowled outlet – brown6902C150mm cowled outlet – brown6902C150mm cowled outlet – brown6902C150mm cowled outlet – brown6902C150mm fixed louvre grille – brown6902W150mm cowled outlet – terracotta6904B150mm fixed louvre grille – brown*6904B150mm fixed louvre grille – brown*6904C150mm fixed louvre grille – terracotta*6904T150mm fixed louvre grille – terracotta	*4905W	110mm x 54mm fixed louvre grille – white
5900C125mm gravity flap outlet – cotswold5900T125mm gravity flap outlet – terracotta5900W125mm gravity flap outlet – white †5902B125mm cowled outlet – brown †5902C125mm cowled outlet – cotswold5902T125mm cowled outlet – terracotta5902W125mm cowled outlet – white †*5904B125mm fixed louvre grille – brown †*5904C125mm fixed louvre grille – cotswold*5904T125mm fixed louvre grille – cotswold*5904T125mm fixed louvre grille – terracotta*5904W125mm fixed louvre grille – terracotta*5904W125mm fixed louvre grille – terracotta*5904W125mm fixed louvre grille – white †6900B150mm gravity flap outlet – brown6900C150mm gravity flap outlet – terracotta6900W150mm gravity flap outlet – terracotta6902B150mm cowled outlet – brown6902C150mm cowled outlet – cotswold6902T150mm cowled outlet – terracotta6902W150mm cowled outlet – terracotta6902C150mm cowled outlet – brown6902C150mm cowled outlet – brown6902C150mm cowled outlet – terracotta6904B150mm fixed louvre grille – brown*6904B150mm fixed louvre grille – brown*6904C150mm fixed louvre grille – brown*6904T150mm fixed louvre grille – terracotta		
5900T125mm gravity flap outlet – terracotta5900W125mm gravity flap outlet – white †5902B125mm cowled outlet – brown †5902C125mm cowled outlet – cotswold5902T125mm cowled outlet – terracotta5902W125mm cowled outlet – white †*5904B125mm fixed louvre grille – brown †*5904C125mm fixed louvre grille – cotswold*5904T125mm fixed louvre grille – terracotta*5904T125mm fixed louvre grille – terracotta*5904W125mm fixed louvre grille – white †6900B150mm gravity flap outlet – brown6900C150mm gravity flap outlet – terracotta6900W150mm gravity flap outlet – terracotta6902B150mm cowled outlet – brown6902C150mm cowled outlet – terracotta6902W150mm cowled outlet – terracotta6902W150mm cowled outlet – terracotta6902W150mm cowled outlet – terracotta6904B150mm fixed louvre grille – brown*6904B150mm fixed louvre grille – brown*6904C150mm fixed louvre grille – cotswold*6904T150mm fixed louvre grille – terracotta		
5900W125mm gravity flap outlet – white †5902B125mm cowled outlet – brown †5902C125mm cowled outlet – cotswold5902T125mm cowled outlet – terracotta5902W125mm cowled outlet – white †*5904B125mm fixed louvre grille – brown †*5904C125mm fixed louvre grille – cotswold*5904T125mm fixed louvre grille – terracotta*5904W125mm fixed louvre grille – terracotta*5904T125mm fixed louvre grille – terracotta*5904W125mm fixed louvre grille – terracotta*5904W125mm fixed louvre grille – white †6900B150mm gravity flap outlet – brown6900C150mm gravity flap outlet – cotswold6900T150mm gravity flap outlet – terracotta6900W150mm gravity flap outlet – white6902B150mm cowled outlet – brown6902C150mm cowled outlet – cotswold6902T150mm cowled outlet – terracotta6902W150mm cowled outlet – terracotta6904B150mm fixed louvre grille – brown*6904B150mm fixed louvre grille – brown*6904C150mm fixed louvre grille – cotswold*6904T150mm fixed louvre grille – terracotta		
5902B125mm cowled outlet – brown †5902C125mm cowled outlet – cotswold5902T125mm cowled outlet – terracotta5902W125mm cowled outlet – white †*5904B125mm fixed louvre grille – brown †*5904C125mm fixed louvre grille – cotswold*5904T125mm fixed louvre grille – terracotta*5904W125mm fixed louvre grille – white †6900B150mm gravity flap outlet – brown6900C150mm gravity flap outlet – cotswold6900T150mm gravity flap outlet – terracotta6900W150mm gravity flap outlet – terracotta6902B150mm cowled outlet – brown6902C150mm cowled outlet – brown6902B150mm cowled outlet – brown6902C150mm cowled outlet – brown6902C150mm cowled outlet – brown6902C150mm cowled outlet – brown6902C150mm cowled outlet – cotswold6902T150mm cowled outlet – brown6904B150mm fixed louvre grille – brown*6904B150mm fixed louvre grille – brown*6904C150mm fixed louvre grille – brown*6904T150mm fixed louvre grille – terracotta		
5902C125mm cowled outlet – cotswold5902T125mm cowled outlet – terracotta5902W125mm fixed louvre grille – brown †*5904B125mm fixed louvre grille – cotswold*5904T125mm fixed louvre grille – cotswold*5904T125mm fixed louvre grille – terracotta*5904W125mm fixed louvre grille – white †6900B150mm gravity flap outlet – brown6900C150mm gravity flap outlet – cotswold6900T150mm gravity flap outlet – terracotta6900W150mm gravity flap outlet – terracotta6900W150mm gravity flap outlet – terracotta6902B150mm cowled outlet – brown6902C150mm cowled outlet – cotswold6902T150mm cowled outlet – brown6902C150mm cowled outlet – brown6902C150mm cowled outlet – terracotta6904B150mm fixed louvre grille – brown*6904B150mm fixed louvre grille – brown*6904C150mm fixed louvre grille – cotswold*6904T150mm fixed louvre grille – terracotta		
5902T125mm cowled outlet – terracotta5902W125mm cowled outlet – white †*5904B125mm fixed louvre grille – brown †*5904C125mm fixed louvre grille – cotswold*5904T125mm fixed louvre grille – terracotta*5904W125mm fixed louvre grille – white †6900B150mm gravity flap outlet – brown6900C150mm gravity flap outlet – cotswold6900T150mm gravity flap outlet – terracotta6900W150mm gravity flap outlet – terracotta6900W150mm gravity flap outlet – terracotta6902B150mm cowled outlet – brown6902C150mm cowled outlet – terracotta6902W150mm cowled outlet – terracotta6902W150mm cowled outlet – terracotta6904B150mm fixed louvre grille – brown*6904B150mm fixed louvre grille – brown*6904C150mm fixed louvre grille – cotswold*6904T150mm fixed louvre grille – terracotta		
5902W125mm cowled outlet – white †*5904B125mm fixed louvre grille – brown †*5904C125mm fixed louvre grille – cotswold*5904T125mm fixed louvre grille – terracotta*5904W125mm fixed louvre grille – white †6900B150mm gravity flap outlet – brown6900C150mm gravity flap outlet – cotswold6900T150mm gravity flap outlet – terracotta6900W150mm gravity flap outlet – terracotta6902B150mm gravity flap outlet – white6902B150mm cowled outlet – brown6902C150mm cowled outlet – cotswold6902T150mm cowled outlet – terracotta6904B150mm fixed louvre grille – brown*6904B150mm fixed louvre grille – brown*6904T150mm fixed louvre grille – cotswold		
*5904C125mm fixed louvre grille – cotswold*5904T125mm fixed louvre grille – terracotta*5904W125mm fixed louvre grille – white †6900B150mm gravity flap outlet – brown6900C150mm gravity flap outlet – cotswold6900T150mm gravity flap outlet – terracotta6900W150mm gravity flap outlet – terracotta6902B150mm gravity flap outlet – white6902C150mm cowled outlet – brown6902C150mm cowled outlet – cotswold6902T150mm cowled outlet – terracotta6902W150mm cowled outlet – terracotta6904B150mm fixed louvre grille – brown*6904C150mm fixed louvre grille – cotswold*6904T150mm fixed louvre grille – terracotta		125mm cowled outlet – white †
*5904T125mm fixed louvre grille – terracotta*5904W125mm fixed louvre grille – white †6900B150mm gravity flap outlet – brown6900C150mm gravity flap outlet – cotswold6900T150mm gravity flap outlet – terracotta6900W150mm gravity flap outlet – terracotta6902B150mm cowled outlet – brown6902C150mm cowled outlet – cotswold6902T150mm cowled outlet – cotswold6902W150mm cowled outlet – terracotta6902W150mm cowled outlet – terracotta6904B150mm fixed louvre grille – brown*6904C150mm fixed louvre grille – cotswold*6904T150mm fixed louvre grille – terracotta		
*5904W125mm fixed louvre grille – white †6900B150mm gravity flap outlet – brown6900C150mm gravity flap outlet – cotswold6900T150mm gravity flap outlet – terracotta6900W150mm gravity flap outlet – white6902B150mm cowled outlet – brown6902C150mm cowled outlet – cotswold6902T150mm cowled outlet – terracotta6902W150mm cowled outlet – terracotta6902W150mm cowled outlet – terracotta6904B150mm fixed louvre grille – brown*6904C150mm fixed louvre grille – cotswold*6904T150mm fixed louvre grille – terracotta		
6900B150mm gravity flap outlet – brown6900C150mm gravity flap outlet – cotswold6900T150mm gravity flap outlet – terracotta6900W150mm gravity flap outlet – white6902B150mm cowled outlet – brown6902C150mm cowled outlet – cotswold6902T150mm cowled outlet – terracotta6902W150mm cowled outlet – terracotta6902W150mm cowled outlet – terracotta6904B150mm fixed louvre grille – brown*6904C150mm fixed louvre grille – cotswold*6904T150mm fixed louvre grille – terracotta		
6900C150mm gravity flap outlet - cotswold6900T150mm gravity flap outlet - terracotta6900W150mm gravity flap outlet - white6902B150mm cowled outlet - brown6902C150mm cowled outlet - cotswold6902T150mm cowled outlet - terracotta6902W150mm cowled outlet - white*6904B150mm fixed louvre grille - brown*6904C150mm fixed louvre grille - cotswold*6904T150mm fixed louvre grille - terracotta	590477	125mm fixed louvre grille – white T
6900C150mm gravity flap outlet - cotswold6900T150mm gravity flap outlet - terracotta6900W150mm gravity flap outlet - white6902B150mm cowled outlet - brown6902C150mm cowled outlet - cotswold6902T150mm cowled outlet - terracotta6902W150mm cowled outlet - white*6904B150mm fixed louvre grille - brown*6904C150mm fixed louvre grille - cotswold*6904T150mm fixed louvre grille - terracotta	COOOD	150mm grouity flop outlot brown
6900T150mm gravity flap outlet - terracotta6900W150mm gravity flap outlet - white6902B150mm cowled outlet - brown6902C150mm cowled outlet - cotswold6902T150mm cowled outlet - terracotta6902W150mm cowled outlet - white*6904B150mm fixed louvre grille - brown*6904C150mm fixed louvre grille - cotswold*6904T150mm fixed louvre grille - terracotta		
6900W150mm gravity flap outlet – white6902B150mm cowled outlet – brown6902C150mm cowled outlet – cotswold6902T150mm cowled outlet – terracotta6902W150mm cowled outlet – white*6904B150mm fixed louvre grille – brown*6904C150mm fixed louvre grille – cotswold*6904T150mm fixed louvre grille – terracotta		
6902B150mm cowled outlet - brown6902C150mm cowled outlet - cotswold6902T150mm cowled outlet - terracotta6902W150mm cowled outlet - white*6904B150mm fixed louvre grille - brown*6904C150mm fixed louvre grille - cotswold*6904T150mm fixed louvre grille - terracotta		
6902T150mm cowled outlet - terracotta6902W150mm cowled outlet - white*6904B150mm fixed louvre grille - brown*6904C150mm fixed louvre grille - cotswold*6904T150mm fixed louvre grille - terracotta		
6902W150mm cowled outlet – white*6904B150mm fixed louvre grille – brown*6904C150mm fixed louvre grille – cotswold*6904T150mm fixed louvre grille – terracotta		150mm cowled outlet – cotswold
*6904B150mm fixed louvre grille – brown*6904C150mm fixed louvre grille – cotswold*6904T150mm fixed louvre grille – terracotta		
*6904C150mm fixed louvre grille – cotswold*6904T150mm fixed louvre grille – terracotta		
*6904T 150mm fixed louvre grille – terracotta		•
-		

* Available with Flyscreen – prefix F – example F4904B † Available retail packed – contact Sales Office for code

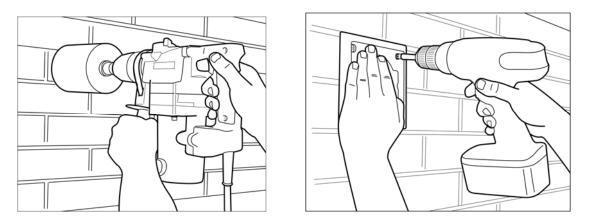
Polypipe Ventilation Sandall Stones Road Kirk Sandall Industrial Park Kirk Sandall, DN3 1QR UK tel: 08443 715523 fax: 08443 715524 Intl tel: +44 (0)1302 348878 fax: +44 (0)1302 348879 Email: vent.info@polypipe.com Web: www.polypipe.com/ventilation



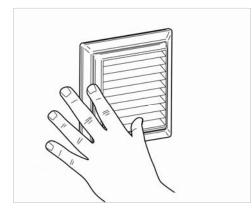


Appendix B

Installation Instructions



- Core drill to suit the external diameter of the pipe/duct ensuring that no buried services are affected. Insert a length of pipe and cut flush to match the total wall thickness. Seal pipe/duct in place to ensure that moisture cannot enter the fabric of the dwelling
- 2. Fasten the grille/outlet wall-plate to the wall using suitable fixings. Apply sealant to the rear face of the wall-plate prior to fastening to ensure that moisture cannot enter the fabric of the dwelling



3. Clip the outer grille/cowl/gravity flaps into the wall-plate. If fitted, ensure that the gravity flaps move freely



Appendix C

Resistance Data in Pascals (Pa)

4900 4901 4902 4903 4904 F4904 4905 F4905	@15I/s 9.2 13.2 6.7 6.1 2.0 9.9 4.1 20.0	@301/s 10.8 11.0 12.5 16.7 7.9 37.1 15.9 75.9	@ 601/s 11.4 11.8 41.6 68.2 30.4 138.7 61.6 288.2
5900	6.7	9.9	12.7
5902	5.8	7.7	13.1
5904	0.6	2.1	7.7
F4904	2.0	7.1	24.6
6900	5.9	8.5	11.4
6902	5.3	8.0	14.5
6904	0.5	1.8	6.3
F6904	1.6	5.2	17.4

Appendix D

Free Area in mm²

		Of duct free area:		
4900	7200	92%		
4901	5770	109%		
4902	7230	92%		
4903	5800	110%		
4904	6500	83%		
F4904	5850	-		
4905	5500	104%		
F4905	4950	-		
5900	11200	91%		
5902	11500	94%		
5904	11500	94%		
F4904	9200	-		
6900	16000	91%		
6902	16500	93%		
6904	16500	93%		
F6904	13200	-		

