

# Product Specification

## Terrain Pleura 100 – Drainage Ventilation System

The Terrain Pleura 100 is an accepted alternative to replace all forms of conventional stack venting, using active air pressure control, and allowing the air to enter the system at the point of need.

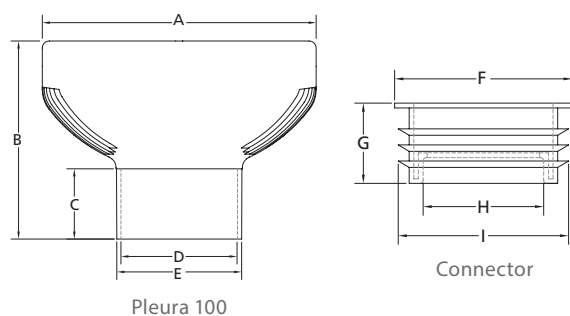
The Terrain Pleura 100 admits air under conditions of reduced pressure in the discharge pipes and prevents water seals in traps from being drawn, thus contributing to the ventilation of the main drain to which the discharge stacks incorporating the Terrain Pleura 100 are connected.

### Features

- Includes screening on the inside and outside of the Terrain Pleura 100 to protect the sealing membrane from foreign objects
- Has a protective cover for the air intake and additional insulation against extreme temperatures
- Can divert condensation away from the sealing membrane
- Prevents the release of foul air from the drainage system
- Available in white ABS

### Installation

The Terrain Pleura 100 should be connected to the piping in accordance with Polypipe Building Services's installation instructions.



Terrain Pleura 100 9301.34

Pipe Sizes		
Europe	AU/NZ	USA
DN 75-110	DN 80-100	3" - 4"

Terrain Pleura 100 Dimensions for line drawings

Dimensions		
Dimension	Metric (mm)	Imperial (inches)
A	195	7 <sup>15</sup> / <sub>16</sub>
B	141	5 <sup>5</sup> / <sub>8</sub>
C	50	2 <sup>1</sup> / <sub>16</sub>
D	83	3 <sup>3</sup> / <sub>8</sub>
E	89	3 <sup>5</sup> / <sub>8</sub>
F	111	4 <sup>1</sup> / <sub>2</sub>
G	50	2 <sup>1</sup> / <sub>16</sub>
H	75	3 <sup>1</sup> / <sub>16</sub>
I	106	4 <sup>1</sup> / <sub>16</sub>

Performance Parameter			
Temperature Range	-20° C to +60° C (CE) -40° F to +150° F (ASSE)		
Open Pressure	-70 Pa 0.0072		
Max. pressure rating tightness	10,000 Pa (1m/40" H <sub>2</sub> O) at 0Pa or higher		
Air Flow Capacity	Europe	AU/NZ	USA
Branch	32 l/s	32l/s/1000FU	1 to 160 DFU
Stack	32 l/s	32l/s/140FU	72 to 500 DFU

Materials	
Pleura 100 Body	ABS
Pleura 100 Valve	POM
Seal	NBR
Internal insulation	PEIX
Connector	Rubber