

INSTALLATION VOLUME (IV) AND PURGE VOLUME (PV) CALCULATION SHEET DOMESTIC COPPER PIPEWORK

Diameter (mm)	Individual lengths (m)						Total length (m)	× Cross-sectional area (m ²)	= IV of pipe (m ³)	
35								· 00084		
28								· 00054		
22								· 00032		
15								· 00014		
							IV_{pipes}		m ³	
							IV_{fittings} = IV_{pipes} × 0.1		m ³	
							E6	· 0024 m ³	IV_{meter}	m ³
							U6 / G4	· 008 m ³		
							U16 / G10	· 025 m ³		
							IV_{total} = IV_{pipes} + IV_{fittings} + IV_{meter}		m ³	
							If <u>all</u> pipes ≤ 28 mm <u>and</u> meter ≤ 6 m ³ / h	PV = 0.010 m³		m ³
							If <u>any</u> pipes > 28 mm <u>or</u> meter > 6 m ³ / h	PV = IV_{total} × 1.5		

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