

ISO 15758:2014-05 (E)

Hygrothermal performance of building equipment and industrial installations - Calculation of water vapour diffusion - Cold pipe insulation systems

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms, definitions and symbols	1
4	Calculation formulae	3
4.1	General	3
4.2	Homogeneous insulation	3
4.3	Multi-layer insulation systems	4
4.4	Systems with capacity for drying	4
5	Boundary conditions	5
6	Calculation procedure	6
6.1	General	6
6.2	Calculation of rate of condensation in single homogenous insulation layer	6
6.3	Calculation of rate of condensation in multi-layer insulation system	6
Annex A (informative) Examples		9
Annex B (informative) System with capacity for drying and experimental determination of evaporation rate from surface of wet wick fabric		11
Bibliography		15