

DIN EN 1717:2011-08 (E)

Protection against pollution of potable water installations and general requirements of devices to prevent pollution by backflow

Contents	Page
Foreword	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Pollution of potable water : general observations	7
4.1 Backflow of used water	7
4.2 Connection	7
4.3 External influences	8
4.4 Materials	8
4.5 Stagnation	8
4.6 Harm caused by inadequate or improper maintenance	8
5 Analysis method of the risks at the point of use and choice of protection	8
5.1 General remarks	8
5.2 Determination of fluid categories which are or could be in contact with potable water	9
5.3 Determination of the installation characteristics	10
5.4 Separation by single or double walls	10
5.5 Air break to drain	11
5.6 Installation matrix	11
5.7 Protection units	11
5.8 Matrix of the protection units appropriate to fluid categories	13
6 Point of use protection for equipment at the draw-off point for domestic uses	15
6.1 Choice of the protection units to be implemented	15
6.2 Location of the protection units	15
7 Point of use protection of particular equipment for non domestic uses	15
8 Protection at the connection point to the public potable water system	15
9 Air break to drain	15
Annex A (normative) Reference list of the protection units	17
Annex B (informative) Guide table for determining the fluid category from which protection is required	48
Annex C (informative) Summary of the analysis method	50
Bibliography	51