

DIN EN 15218:2013-10 (E)

Air conditioners and liquid chilling packages with evaporatively cooled condenser and with electrically driven compressors for space cooling - Terms, definitions, test conditions, test methods and requirements

Contents

	Page
Foreword	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	5
4 Classification	5
5 Test conditions	6
5.1 Environmental conditions and electrical power supply requirements	6
5.2 Rating conditions	6
6 Rating capacity test	10
6.1 Basic principles	10
6.2 Test apparatus	10
6.2.1 Arrangement of the test apparatus	10
6.2.2 Installation and connection of the test object	11
6.3 Uncertainties of measurement	11
6.4 Test procedure	11
6.4.1 General	11
6.4.2 Steady state condition	11
6.4.3 Output measurement for units with water tank	12
6.4.4 Output measurement for units with continuous supply water circuit	13
6.4.5 Data to be recorded	13
7 Electrical consumptions for single duct and double duct units	14
7.1 Determination of power consumption due to standby mode	14
7.2 Determination of power consumption in off-mode	14
7.3 Electricity consumption	14
8 Air flow rate measurement of ducted units	14
9 Test report	14
9.1 General information	14
9.2 Rating test results	14
10 Requirements	15
11 Marking	15
12 Instructions	16
Annex ZA (informative) Relationship between this European Standard and the requirements of Commission Regulation (EC) No 206/2012	17