

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 |