

# Air conditioners and heat pumps with electrically driven compressors — Cooling mode

## Part 3. Requirements

The European Standard EN 814-3 : 1996 has the status of a British Standard

ICS 23.120; 27.080; 91.140.30

# Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee RHE/17, Testing of heat pumps and air conditioners, upon which the following bodies were represented:

- British Gas plc
- British Refrigeration Association
- Building Services Research and Information Association
- Chartered Institution of Building Services Engineers
- Department of the Environment — Building Research Establishment
- Electricity Association
- Heating and Ventilating Contractors' Association
- Hevac Association
- Institute of Refrigeration
- Institution of Mechanical Engineers

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The following BSI references relate to the work on this standard:  
Committee reference RHE/17  
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# National foreword

This British Standard has been prepared by Technical Committee RHE/17 and is the English language version of EN 814-3 : 1996 *Air conditioners and heat pumps with electrically driven compressors — Cooling mode — Part 3: Requirements*, published by the European Committee for Standardization (CEN).

### Cross-references

| Publication referred to | Corresponding British Standard                                                                                                                                                          |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | BS EN 255 <i>Air conditioners, liquid chilling packages and heat pumps with electrically driven compressors — Heating mode</i>                                                          |
| EN 255-1 : 1996         | Part 1 : 1997 <i>Terms, definitions and designations</i>                                                                                                                                |
| EN 255-4 : 1996         | Part 4 : 1997 <i>Requirements for space heating and sanitary hot water units</i>                                                                                                        |
|                         | BS EN 814 <i>Air conditioners and heat pumps with electrically driven compressors — Cooling mode</i>                                                                                    |
| EN 814-1 : 1996         | Part 1 : 1997 <i>Terms, definitions and designations</i>                                                                                                                                |
| EN 814-2 : 1996         | Part 2 : 1997 <i>Testing and requirements for marking</i>                                                                                                                               |
|                         | BS EN 60335 <i>Specification for safety of household and similar electrical appliances</i>                                                                                              |
|                         | Part 2 : <i>Particular requirements</i>                                                                                                                                                 |
| EN 60335-2-40 : 1993    | Section 2.40 : 1993 <i>Electric heat pumps, air conditioners and dehumidifiers</i>                                                                                                      |
| ENV 12102 : 1996        | DD ENV 12102 : 1997 <i>Air conditioners, heat pumps and dehumidifiers with electrically driven compressors — Measurement of airborne noise — Determination of the sound power level</i> |

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### Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 6, an inside back cover and a back cover.