

## Why should I join?

By signing up for the ACHPI you will be:

- Demonstrating your commitment to higher standards of installation, service and maintenance
- Developing your own skills and knowledge in the sector
- Becoming part of a community of air conditioning and heat pump professionals with a common voice and interest.



**Join now and you will receive information presented as short practical summaries, mailed direct to you every three months:**

- A bulletin focusing on new technology
- Two bulletins covering topics related to efficiency, design principles, fundamentals, controls and equipment operation
- A newsletter signposting new developments on the horizon.

The material will also be made available on line so that you can download or revisit the items – as well as accessing a range of other on line benefits and services such as discounts on other publications and events.



*The Air Conditioning and Heat Pump Institute is a specialist group for anyone who installs, services or maintains air conditioning and heat pump equipment. It is affiliated to the Institute of Refrigeration, a registered charity No. 250 081.*



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*Information and technical support for individuals working with air conditioning and heat pumps*

*The specialist Institute for anyone who installs, services or maintains air conditioning and heat pump equipment.*

*Building owners, wholesalers, service desk personnel, trainers and affiliated trades will also find it a useful way of keeping up to date.*

**Download a FREE sample bulletin at [www.ior.org.uk/achpi](http://www.ior.org.uk/achpi)**

*An affiliated group of the Institute of Refrigeration*



## What is the ACHPI?

The Air Conditioning and Heat Pump Institute (ACHPI) is a new way of accessing information about technical topics relevant to your work. It will:

- Keep you up to date with news, practical tips and current skills
- Broaden your practical knowledge of current technology
- Help fill any gaps in theory understanding and fundamentals
- Signpost new developments which could affect your business such as tracking new legislation and marketing opportunities.

The service brings together the technical expertise of manufacturers' support services with the experience of the Institute of Refrigeration in providing practical guidance and keeping individuals up to date with good industry practice and standards.

The encouragement of major manufacturers and training providers has been crucial to the establishment of the ACHPI and they continue to play an important role in its Technical Steering Panel.



[www.ior.org.uk/achpi](http://www.ior.org.uk/achpi)

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## Topics and themes

- Design and operation of key types of air conditioning and heat pump equipment
- Theory of cooling cycles, refrigerant behaviour, operational parameters
- Fundamental definitions, psychrometrics, superheat and subcooling, energy and efficiency issues, measures and incentives, performance controls and measurement tools
- Service and maintenance regimes
- Scope & implications of key legislation and regulation
- Qualifications and registration schemes - mandatory and optional
- Innovation such as mixed mode or free cooling, heat recovery, new refrigerants.



## Join now for JUST £30

To access this high quality independent information complete and return the form below or join on line at [www.ior.org.uk/achpi](http://www.ior.org.uk/achpi)

- Receive quarterly mailings of technical bulletins and newsletters
- Access all ACHPI past publications FREE on line (and FREE downloads from the library of over 100 refrigeration service engineer publications too)

**Membership is FREE until 31st March each year for new students on NVQ or HND/C courses.**

Material is sent by email to those on the free student scheme. After your free membership expires we encourage you to renew your membership at £30 per year to continue to receive material in printed form.

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