

# Wiring Diagrams

## Interpreting, Analysis & Troubleshooting

### REFRIGERATION SKILLNET

*The Learning Network for the RAC, heatpump and Fire Industry.*

Whether you install, commission, carry out planned maintenance or troubleshoot on refrigeration, air conditioning, heat-pump or fire safety equipment, the ability to understand and interpret wiring diagrams and schematics is a must for the competent technician.

**Delivered over 2 evenings sessions (6pm-9pm)**

#### Course Content

On completion the trainee will be able to:

- Understand electrical wiring diagrams and schematics
- Differentiate between single phase and three phase wiring diagrams
- Understand control wiring diagrams and state their purpose
- Identify common components and symbols in RAC wiring diagrams such as actuators, switches, starters, capacitors, relays, transformers, and more
- Instruct other trades (such as electrical or BMS) on their requirements
- Use wiring diagrams for troubleshooting

#### Who Should Attend?

Technicians working, or seeking to work, in installation, commissioning, service or design of mechanical or electrical plant, in particular RAC, heat-pumps or fire suppression.



#### Course Cost

Non Member companies	€150.00
<b>Member company subsidy</b>	<b>(€60.00)</b>
Member Company	€ 90.00
<b>Job Seekers</b>	<b>fully subsidised</b>

### REFRIGERATION SKILLNET

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Refrigeration SkillNet is a [not-for-profit](#), industry led learning network for companies in the [refrigeration and air-conditioning](#) (RAC), heatpump and [fire suppression](#) sector in Ireland. The Refrigeration SkillNet is funded by member companies and the Training Networks Programme, an initiative of [Skillnets Ltd.](#) funded from the National Training Fund through the Department of Education and Skills.

#### Upcoming courses

Dublin  
26 Sept & 3 Oct

Kilkenny  
27 Sept & 4 Oct

Limerick  
29 Sept & 6 Oct

For more upcoming courses see:

[http://  
www.refrigerationskillnet.ie/  
trainingcourses.shtml](http://www.refrigerationskillnet.ie/trainingcourses.shtml)

#### To Book

Click [the link](#) below, call 01 88 55 200 or email [info@refrigerationskillnet.ie](mailto:info@refrigerationskillnet.ie)

<http://alturl.com/5ngev>

