

# Basic & Professional Air-Conditioning Systems

<b>Catalogue Number</b>	77-8301-0001
<b>Category</b>	Vocational
<b>Duration</b>	15 Hours

## Chapter 1

Introduction to Professional Air-Conditioning Systems

Experiment 1.1 - Introduction to Professional Air-Conditioning Systems

Experiment 1.2 – Pressure/Temperature Relation

Experiment 1.3 – Operational Principles and Materials

Experiment 1.4 – Compressor Types

Experiment 1.5 – Evaporation and Condensing Techniques

Experiment 1.6 – Materials and Circuits of the Electrical System

Experiment 1.7 – Maintenance Methods and Equipment Required for Service

## Chapter 2

Introduction

Experiment 2.1 - Introduction to Professional Air-Conditioning Systems

Experiment 2.2 – Distribution

Experiment 2.3 – Troubleshooting Techniques for the Diagnosis and Repair of Faults and Faults Simulation