



*air*OPTIONS

Air Conditioning Equipment



Air Options Cape Town Phone 27-21-9052000, Fax 27-21-9054199
DESIGNED, ENGINEERED & MANUFACTURED IN SOUTH AFRICA



AIR CONDITIONING EQUIPMENT

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Registration number : 1997/006016/07

Company Profile

Introduction

The Air Options product was initiated originally in 1995 by Graham McClelland and in 1997 with the formation of Air Options (Pty) Ltd. Air Options has a wide range of alternative standardised niche products being developed as a result of quality and flexibility of the design and manufacture. The product is now seen as one of the market leaders for quality and performance and is specified by the professional industry.

The specific design of the Air Options air conditioning products has enabled the supply of a range of South African manufactured & designed, competitively priced, high quality, CNC produced, flexible and modular air conditioning units that are manufactured utilising South African components and labour. The flexibility and quality standards now compliment the complete and growing range of standard air conditioning equipment manufactured in South Africa and available globally.

Air Options (Pty) Ltd develops and manufactures a complete range of quality air conditioning equipment, including:

- DX & chilled water air handling units,
- DX split air conditioning systems,
- VRF packaged or split packaged air conditioning units,
- Air & water cooled packaged air conditioning units,
- Air cooled water chillers,
- Customer specified & specialised air conditioning systems
- Customer specified & specialised water chillers
- As well as many other specialised systems

The systems designed and manufactured service the light industrial & commercial air conditioning industry in Southern Africa. The units are designed for air conditioning systems that utilise both chilled water and direct expansion refrigeration as the cooling medium. The specific design features of the air conditioning equipment enables the design of specialised air conditioning equipment to meet the customer specific air conditioning requirements utilising standard HVAC equipment, and allowing easy installation and service backup.

Manufacturing Policy

The manufacturing policy of Air Options (Pty) Ltd has been one of keeping it as simple as possible. This coupled to the below listed items ensures that manufactured products leaving the Air Options factory maintain a continuous high standard of quality, on time delivery, easier installation, simple service back up and long life expectancy.

- A hands on management and production team ensures close control of quality standards.
- AutoCad & CNC design of most components
- Quality manufacturing drawings and assembly information is provided to the factory assembly team.
- Standardised assembly methods and procedures
- Flexible manufacturing and assembly systems and standards
- Quality control of all components received into the factory
- Skills improvement as a result of continual assembly method monitoring
- Multi-skilling the assembly workforce



- Quality control of out sourced products and components

Air Options also provides on-site installation and project engineering assistance. All systems are pre commissioned before leaving our factory, allowing clients to view their products before delivery.

Air Options Is Proudly Manufactured in South Africa

Sales Policy

At Air Options (Pty) Ltd the customer is 'king' and every effort is made to ensure that we only have satisfied customers. A customer who contacts Air Options is provided with:

- Prompt quotations utilising a computer generated equipment costing schedule
- Computerised component selection to guarantee performance
- Competitive prices
- Well engineered quality product
- Technical assistance on site for engineered solutions whenever required
- On time delivery of equipment
- After sales service backup
- Long life expectancy systems

We at Air Options take pride in these philosophies and look forward to helping you on your next project.

Management Structure

- | | | |
|---------------------|--------------------------------|--------------|
| • Clayton Yorke | (Managing Director) | 082 313 4112 |
| • Stephen Kelly | (Financial Director) | 021 905 4110 |
| • Sean McClelland | (Sales and Marketing Director) | 083 715 4494 |
| • Graham McClelland | (Non-Executive Director) | 021 905 2000 |

Market (Industry) Segments

- Educational Facilities – Universities, Colleges
- Medical – Hospitals (General, ICU, Theatre), Laboratories
- Pharmaceutical – Laboratories, Production facilities, Close Control, Clean Room Facilities
- Light Commercial – Office Blocks
- Commercial – Large Buildings
- Retail – Shopping Centers, Retail outlets, Casinos
- Telecommunications – Data Centers, Telephone exchanges
- Industrial Applications – Large Manufacturing or Production facilities
- Energy Saving Green Applications
- Marine – Accommodation and Process Air Conditioning

A Few of Our Customers:



University of Cape Town



Stellenbosch University



Rhodes University



Nelson Mandela Metropolitan University



Pepsico



Coca Cola



Department of Public Works



Sun International



De Beers Marine



Aspen Pharmaceuticals



Cadbury



Volkswagen



Tyger Valley Shopping Centre



Modelez



FORD



Glaxo Smith Klein



Life Health Care Group



You're in safe hands

NetCare

ADVANCED DESIGN PURPOSE BUILT HVAC EQUIPMENT



MOD VRV

VRV AIR HANDLING UNIT

MODULAR CONFIGURATION
HORIZONTAL OR VERTICAL R410a
REFRIGERANT
BCC, FCC OR EC FANS
ESP FROM 100 Pa TO 1000 Pa
PREFILTERED TO HEPA FILTERS
COMPLETE VERSATILITY POWDER
COATED DOUBLE SKIN

AIR QUANTITY RANGE 440 L/S to 9000 L/S
COOLING DUTY FROM 15kW



MACP VRV

VRV PACKAGE UNIT

R410a REFRIGERANT
CHROMADEK PLENUM
DOUBLE SKINNED
BCC, FCC OR EC FANS
OPTIONAL WEATHER PROOFING MAXIMUM
FLEXIBILITY ON SELECTION COMPLETE
VERSATILITY IN DESIGN EASY ASSEMBLY AND
DIS-ASSEMBLY

AIR QUANTITY RANGE 440 L/S to 30000 L/S
COOLING DUTY FROM 15kW



HVAC EQUIPMENT WITH HEAT RECOVERY

Air Options has engineering a range of equipment that recovers between 30% and 76 % of energy in HVAC system



MEW SERIES & PEH SERIES ENERGY RECOVERY UNIT

Recovers up to 76% of energy
from an HVAC systems exhaust air



APPLICATIONS

UNIVERSITIES, AUDITORIUMS & APPLICATIONS WITH LARGE FRESH AIR COMPONENT



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DESIGNED, ENGINEERED & MANUFACTURED IN SOUTH AFRICA

PURPOSE DESIGNED HVAC SYSTEMS

MACP SERIES

Many large HVAC applications including **ESCOM** Large DX
Split Type HVAC system

USED FOR ESCOM MOSSEL BAY & ATLANTIS (via Roshcon)



MHT SERIES

HOSPITAL THEATRE AIRCONDITIONING General
Operating Theatres
Laminar Flow Operating Theatres

APPLICATION INCLUDE PRIVATE & GOVERNMENT HOSPITALS



MAXAIR SERIES

Specifically designed
DX, CHW, AHU suitable
for Hospitals, Pharmaceutical.
300l/s to ,30000 l/s air quantity



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HVAC SOLUTIONS

WCPU & MSHP SERIES

Specifically designed hvac systems for **TELKOM**
Water Cooled & Air Cooled HVAC systems

USED FOR VARIOUS TELKOM ETE & ATE EXCHANGES



TCAH SERIES

Specifically designed Close
Control Chilled Water HVAC
system for
TELKOM ATE & ETE exchanges



TC SERIES

Specifically designed
air cooled Close Control Water
Chillers complete with pump &
buffer tank



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MODAIR SERIES

Standard MODULAR DX & CHW air
handling units
from 300 l/s to 9000 l/s supply air

*air***OPTIONS**
**HVAC
SOLUTIONS**



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