



*Training Course:  
Domestic Ventilation*

*1 - 5 November 2026  
Istanbul (Turkey)  
DoubleTree by Hilton Istanbul Esentepe*

## Training Course: Domestic Ventilation

Training Course code: EN234604 From: 1 - 5 November 2026 Venue: Istanbul (Turkey) - DoubleTree by Hilton Istanbul Esentepe Training Course Fees: 6825 € Euro

### Introduction

Domestic ventilation systems are essential for maintaining indoor air quality, controlling moisture, and ensuring a healthy living environment. Proper ventilation design and operation help prevent issues such as condensation, mold growth, and poor air circulation in residential buildings.

This program, designed by Global Horizon Training Center, equips participants with the knowledge and practical skills required to design, install, and maintain effective domestic ventilation systems in compliance with building standards.

### Course Objectives

By the end of this program, participants will be able to:

- Understand the principles of residential ventilation and indoor air quality
- Identify different types of domestic ventilation systems
- Design ventilation systems based on building requirements
- Apply best practices for installation and system setup
- Ensure compliance with ventilation standards and regulations
- Perform system testing and airflow balancing
- Maintain and troubleshoot ventilation systems
- Improve energy efficiency and occupant comfort

### Target Audience

This program is designed for:

- HVAC Technicians and Installers
- Building Services and Mechanical Engineers
- Facility and Property Managers
- Construction and Residential Contractors
- Maintenance Personnel
- Professionals involved in residential building services

## Outline

### Day 1: Fundamentals of Domestic Ventilation

- Introduction to ventilation and indoor air quality
- Types of ventilation systems natural, mechanical, hybrid
- Moisture control and condensation issues
- Health and comfort considerations
- Standards and regulations

### Day 2: System Design and Planning

- Ventilation requirements for residential buildings
- Airflow calculations and system sizing
- Layout and duct design
- Equipment selection and placement
- Energy efficiency considerations

### Day 3: Installation Practices and Techniques

- Installation of ventilation units and ductwork
- Sealing and insulation of ducts
- Electrical connections and controls
- Quality control during installation
- Common installation challenges

### Day 4: Testing, Commissioning, and Balancing

- System testing and commissioning procedures
- Airflow measurement and balancing
- Performance verification
- Troubleshooting system issues
- Documentation and handover

### Day 5: Maintenance, Optimization, and Case Studies

- Routine maintenance and servicing
- Filter replacement and system cleaning
- Identifying and resolving faults
- Improving system efficiency
- Case studies and real-world applications

## Registration form on the Training Course: Domestic Ventilation

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

### Delegate Information

Full Name (Mr / Ms / Dr / Eng): .....  
 Position: .....  
 Telephone / Mobile: .....  
 Personal E-Mail: .....  
 Official E-Mail: .....

### Company Information

Company Name: .....  
 Address: .....  
 City / Country: .....

### Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng): .....  
 Position: .....  
 Telephone / Mobile: .....  
 Personal E-Mail: .....  
 Official E-Mail: .....

### Payment Method

- Please find enclosed a cheque made payable to Global Horizon
- Please invoice me
- Please invoice my company

### Easy Ways To Register

Telephone:  
+201095004484 to  
provisionally reserve your  
place.

Fax your completed  
registration  
form to: +20233379764

E-mail to us :  
info@gh4t.com  
or training@gh4t.com

Complete & return the  
booking form with cheque  
to: Global Horizon  
3 Oudai street, Aldouki,  
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