

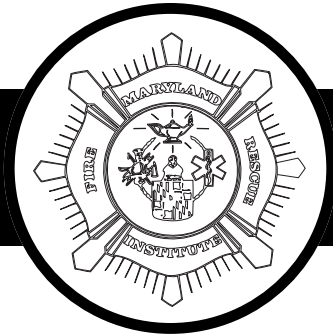
# Protective Envelope and Foam

*Maryland Fire and Rescue Institute, University of Maryland at College Park*

## Session 2-1

### Self Contained Breathing Apparatus

- The student will be able to demonstrate the procedure for putting in and taking out of service self contained breathing apparatus.



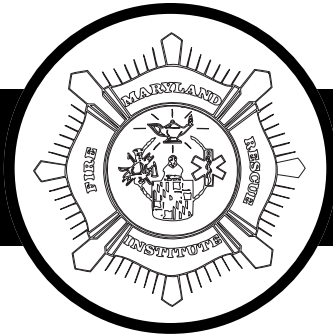
# Protective Envelope and Foam

*Maryland Fire and Rescue Institute, University of Maryland at College Park*

## Session 2-1

# Self Contained Breathing Apparatus

- Overview:***
- Types and Functions of Breathing Apparatus
  - Components
  - Care and Maintenance
  - Donning, Doffing, and Operations
  - Controlled Breathing Techniques
  - Changing Cylinders



# Protective Envelope and Foam

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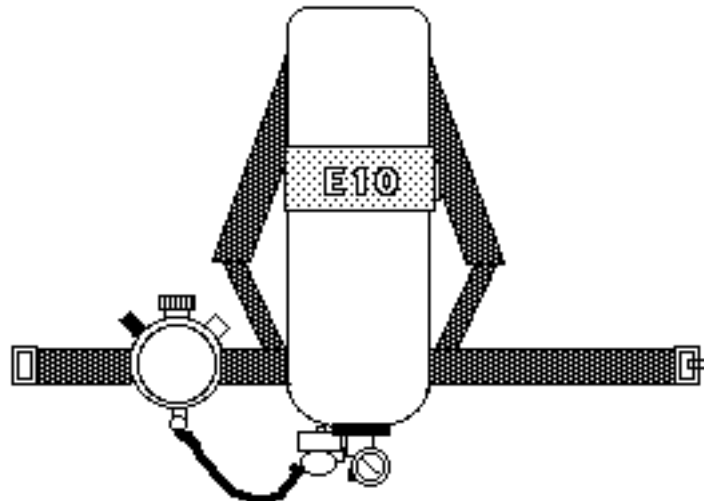
## Session 2-1

## Self Contained Breathing Apparatus

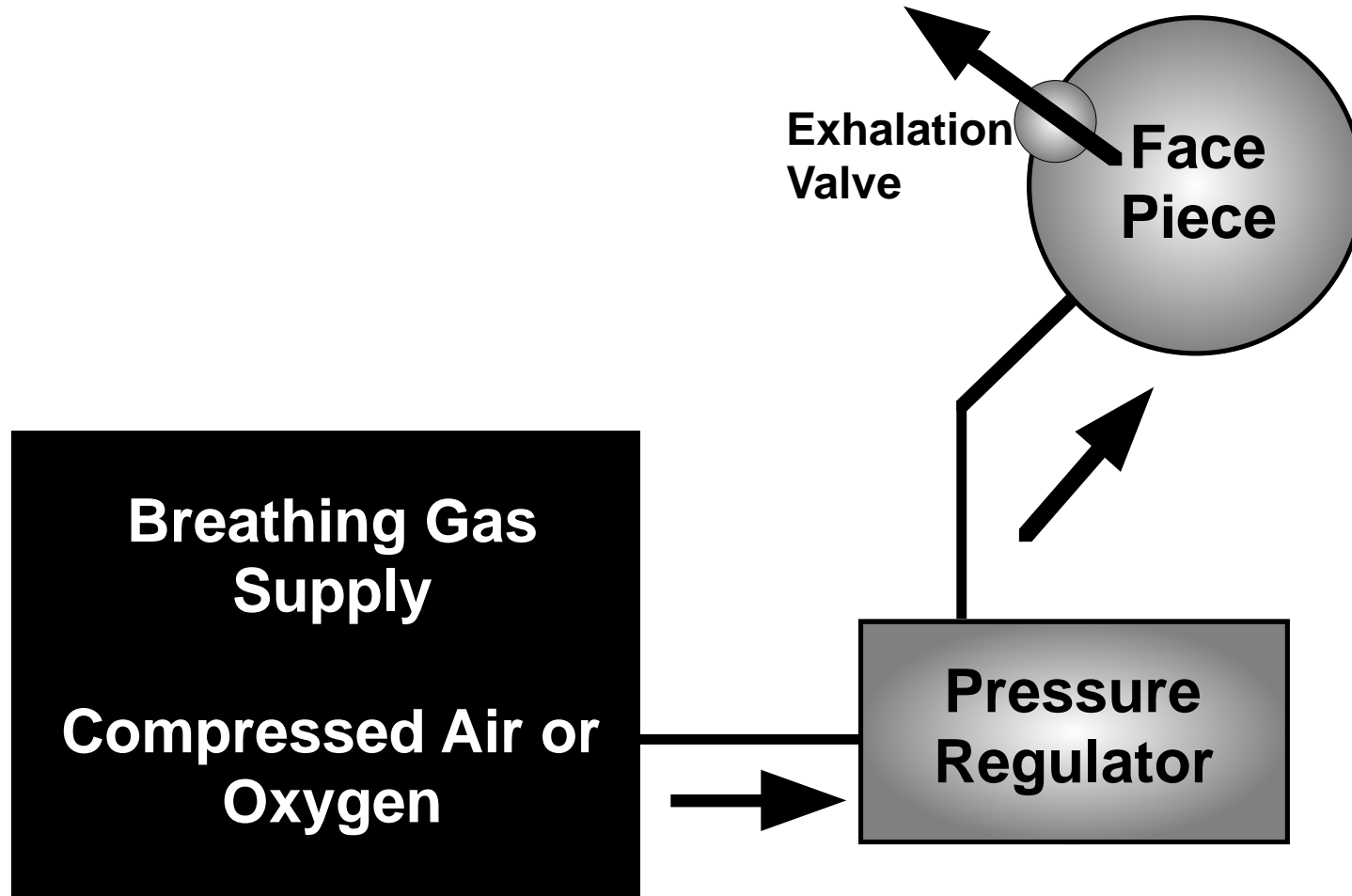
- Review:***
- **Types and Functions of Breathing Apparatus**
  - **Components**
  - **Care and Maintenance**
  - **Donning, Doffing, and Operations**
  - **Controlled Breathing Techniques**
  - **Changing Cylinders**

# *Types of SCBA*

- **Open circuit / positive pressure**
- **Closed circuit / positive pressure**

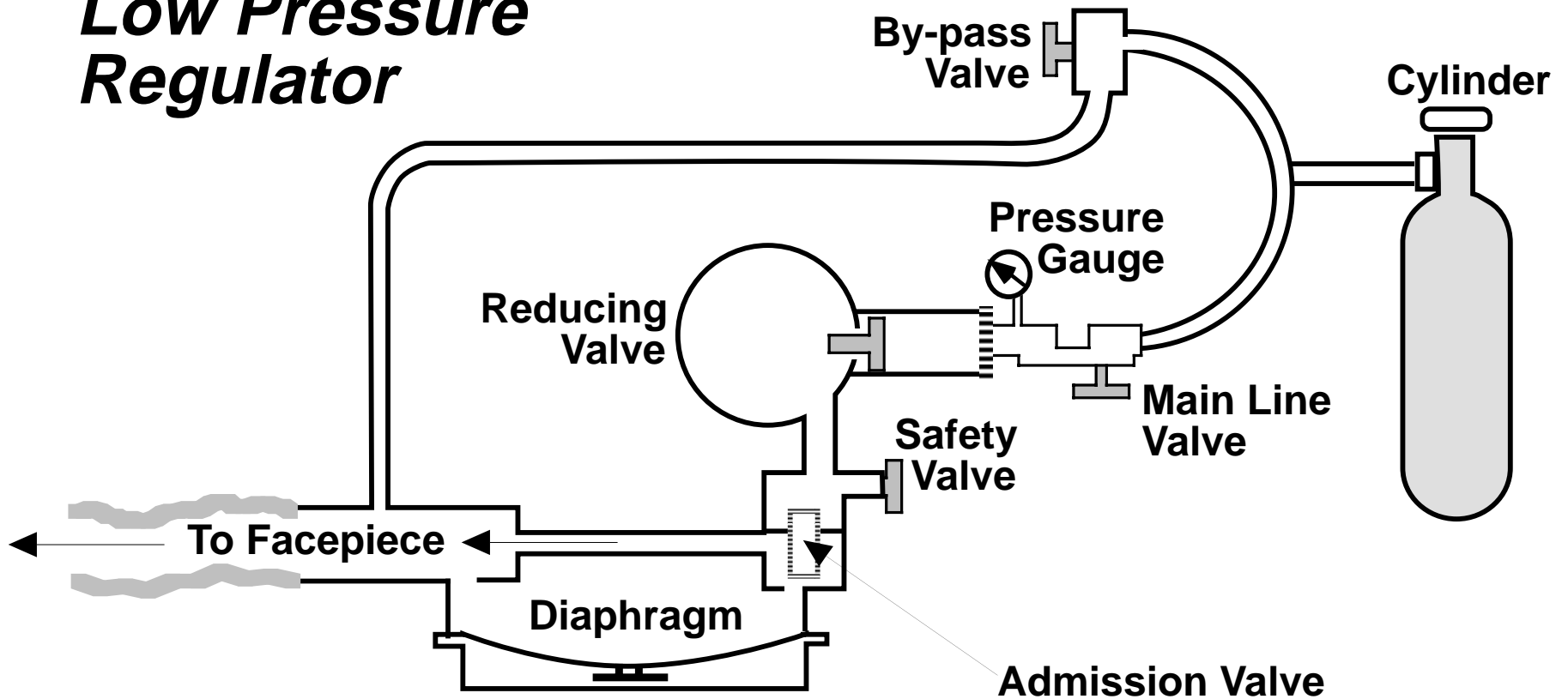


# *Open Circuit SCBA*

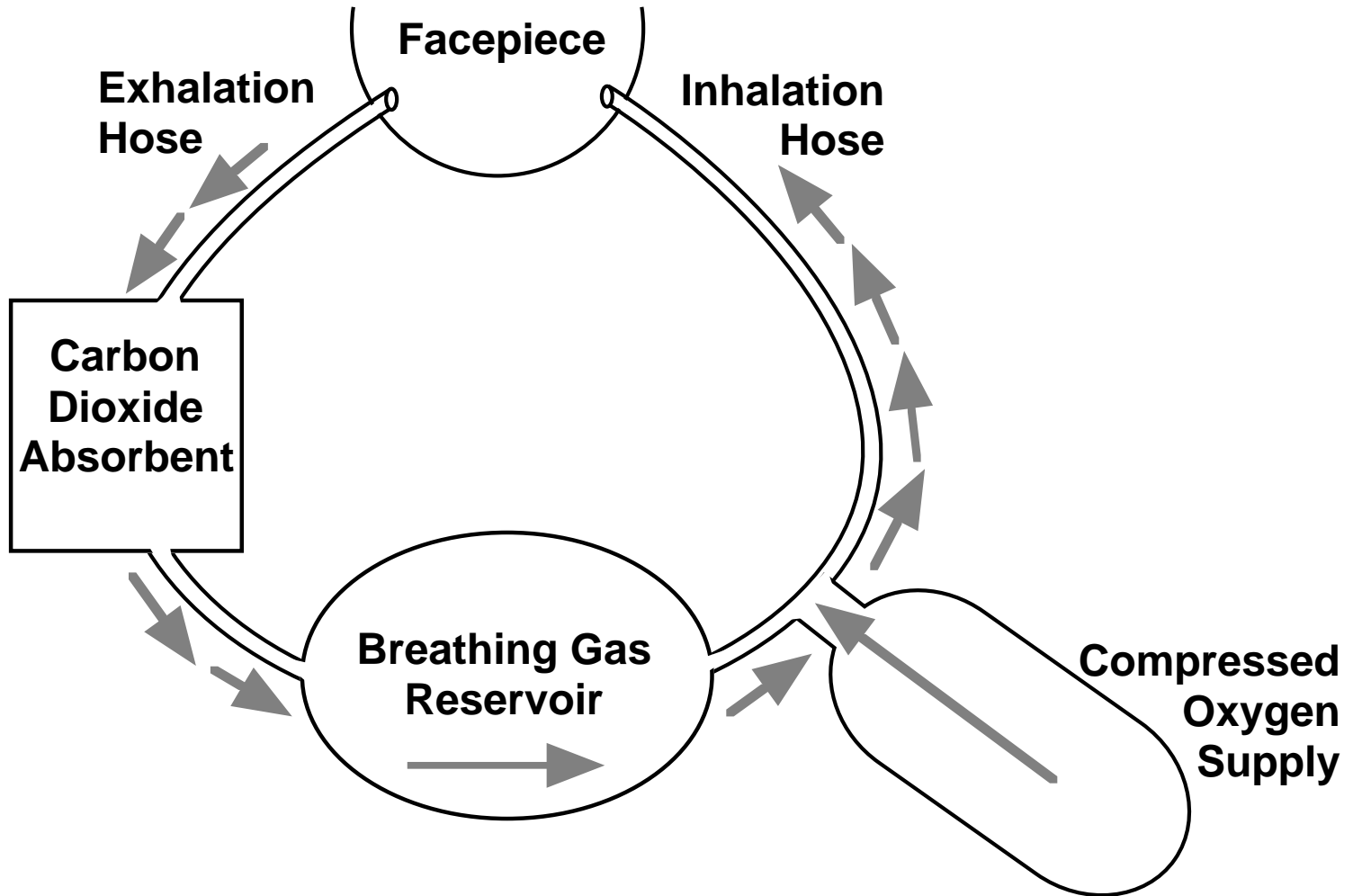


# Open Circuit Flow Diagram

## Low Pressure Regulator



# *Closed Circuit SCBA*



# *Closed Circuit Flow Diagram*

