

*≈ QUICK SHIP*

## MOBILE HEADWALL



## PRODUCT DESCRIPTION

### Overview

The *Quick Ship* Mobile Headwall is a Class I, UL Recognized Medical Component manufactured by Modular Services Company (MSC). The configurable product is designed to be quickly deployed in an emergency for which a surge in healthcare capacity is expected and is able to add/expand electrical and medical gas services to a range of locations regardless of the infrastructure present in the space being used. For example, in a hospital setting, the Mobile Headwall can be configured to connect to existing medical gas outlets to rapidly convert an existing private room, so that additional patients may be treated. Conversely, if spaces without medical gas infrastructure are to be used, the Mobile Headwall provides the ability to supply the Medical Air and Oxygen outlets via compressed gas cylinders that mount directly to the unit. The Mobile Headwall can be relocated without removing the compressed gas cylinders for rapid deployment/redeployment. The Mobile Headwall can also be used in training environments.

Electric services are provided via hospital grade electrical receptacles which have LED indicators for a visual confirmation that the receptacles are live. Simply plug the hospital grade power cord plug into any standard 120-volt hospital grade power receptacle, normal or emergency. It can also be used in a non-healthcare environment.

### Options

The Mobile Headwall is available in a standard height of 60" and includes 1 or 2 electrical circuits and up to 6 gas outlets depending on the acuity level required. The typical low acuity configuration includes 3 medical gas outlets at 54" AFF and 4 electrical receptacles with 2 at 30" AFF and 2 at 24" AFF, along with a basket and vacuum bottle slide. The high acuity configuration includes two tiers of medical gas outlets for up to 6 Medical Gas/Vacuum outlets and 2 electrical circuits with up to four electrical devices each, along with 2 baskets and 2 vacuum bottle slides. The additional Medical Gas/Vacuum outlets are located at 42" AFF and the second electrical circuit with four receptacles is located with 2 at 16" AFF and 2 at 10" AFF. Medical Gas Front Bodies must be compatible with manufacturer's standard brand. Electrical devices are LED indicating to ensure power to the receptacle is obtained.

Base, chassis extrusions and fascia panels are powder coated in a "Platinum Grey" finish.

### MODEL #

**10110** : Mobile Headwall, 60"H, Low Acuity

**10120**: Mobile Headwall, 60"H, High Acuity

**Weight:** 145 lbs.

**Base Dimensions:** 29" diameter

### CONSTRUCTION

The base of the units are constructed of heavy steel plate and 6 casters, 3 of which are locking. The main chassis of the units are constructed of aluminum sheet and heavy gauge aluminum extrusions.

### MEDICAL GAS SYSTEM

#### General

Modular Services Company manufactures headwalls in compliance with all applicable sections of the latest edition of NFPA 99 *Health Care Facilities Code*.

### **Medical Gas Installer Qualification**

All medical gas system installers are qualified under the requirements of NFPA 99 5.1.10.11.10 and are licensed ASSE 6010 Medical Gas System Installers.

### **Medical Gas Hose Assemblies**

Medical gas hose assemblies provide a single connection point per gas service using flexible medical gas hose, hose barbs, ferrules and crimps meeting the burst pressure requirement of NFPA 99 and the mechanical burst strength requirements of ISO 5359 and are rated at 1000psi.

All medical gas hose assemblies undergo the following tests at the factory by Modular Services prior to arrival at the installation site.

1. Initial blowdown test per NFPA 99 5.1.12.2.2
2. Initial pressure test per NFPA 99 5.1.12.2.3
3. Piping purge test per NFPA 99 5.1.12.2.5
4. Standing pressure test per NFPA 99 5.1.12.2.6 or 5.1.12.2.7, except as permitted under 5.1.6.2

The med gas hoses exit near the top of the unit, from the back, to provide a convenient point of connection to the med gas cylinders. Tubing ends are gas specific and properly identified.

### **Medical Gas Outlets**

Outlets are manufacturer's standard brand. Type and style are as called for on the approved order form.

## **ELECTRICAL SYSTEMS**

### **Wiring Line Voltage**

Each headwall is completely pre-wired with a 10' hospital grade power cord. All wiring is installed in compliance with all applicable sections of the latest edition of NFPA 70 National Electrical Code and Underwriters Laboratory headwall requirements (UL category KEZR).

### **Devices**

Hospital-grade power receptacles are to be installed as indicated on the approved order form.

## **INSTALLATION**

Installation of the product includes receiving, connections to existing services, acquiring and connecting to Medical Gas Cylinders, storage, transportation, clean-up, touch-up, carton disposal, etc.

It is recommended that licensed electrical and medical gas contractors be responsible for installation and for hook-up at service connection locations.



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