

## BeaconMedæs Chemetype Chemetron® 500 Series Equivalent Terminal Unit SPECIFICATION

### Description

The Chemetype is a part for part equivalent to Chemetron 500 series, latch key and DISS outlets, allowing facilities an option for outlets and parts matching their present installed outlets backed by BeaconMedaes' unequalled service and support.

### Specification

Outlets shall be identical to Chemetron 500 series in all dimensions and materials.

Outlets are gas specific, permanently labeled for the services indicated and and fully compatible with latch key adapters or DISS adapters as specified.



The outlets shall be UL listed to UL 1331 2005 and be fully compliant with the latest edition of NFPA 99. Brass used in the outlet is lead free.

The rough-in assembly shall be of a modular design using a die cast interlocking frame. Outlets may be joined to one another or to existing Chemetron series outlets to form a neat, continuous console. Finish plates are die cast metal, chromed.

Rough in to finish gas specificity is achieved with four stainless pins indexed between the finish and rough in. The gas inlet of the outlet body shall be 1/2" OD B-819 copper tube, pre brazed to the outlet body. The inlet tube may be rotated 360°.

A secondary valve shall be included in the rough-in assembly for standing pressure testing of the distribution system and to prevent gas flow (optional in vacuum and WAGD) when the latch valve is removed for service.

Valve bodies, valve components and finish assemblies are mechanically and dimensionally interchangeable and visually identical to existing 500 series outlets

All outlets shall be 100% tested for flow, leaks, connector insertion, retention and release. All wetted parts are cleaned for oxygen service at factory and the outlet is capped for shipment.

Complete outlet is shipped in single carton perforated for separation allowing rough in installation and separate finish installation at a later time, maintaining the protection of the finish.

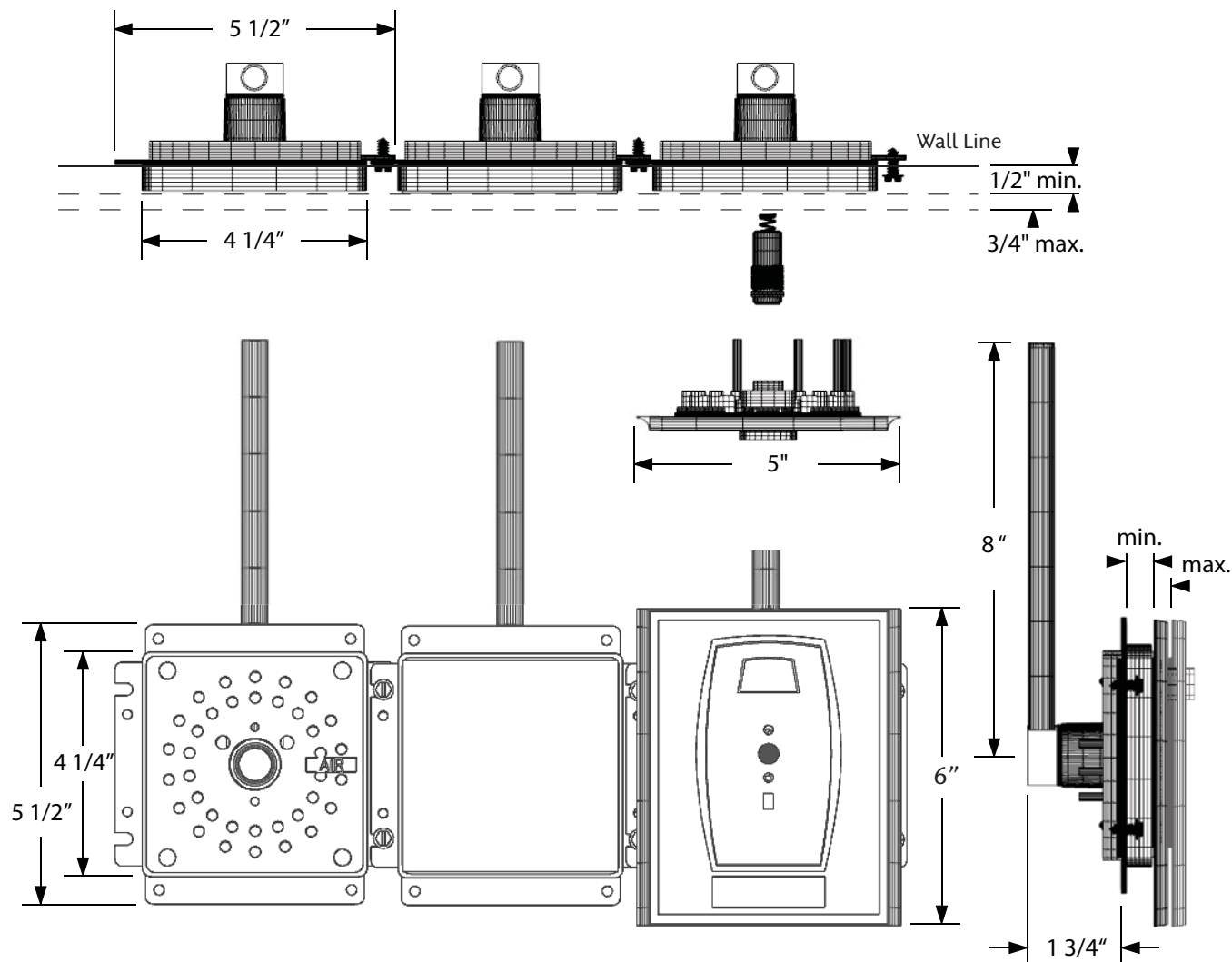
*A complete outlet consists of a Rough in, Valve body, and Finish assembly (shown left).*

### Ordering Information

Chemetype Complete Outlets, 500 series Latch Index	
Part Number	Description
<input type="checkbox"/> 4107210159	Complete outlet, 500 Series O2
<input type="checkbox"/>	Complete outlet, 500 Series ISO O2
<input type="checkbox"/> 4107210162	Complete outlet, 500 Series N2O
<input type="checkbox"/> 4107210160	Complete outlet, 500 Series M AIR
<input type="checkbox"/> 4107210161	Complete outlet, 500 Series VAC
<input type="checkbox"/>	Complete outlet, 500 Series ISO M AIR
<input type="checkbox"/>	Complete outlet, 500 Series ISO VAC
<input type="checkbox"/> 4107210164	Complete outlet, 500 Series WAGD
<input type="checkbox"/> 4107210163	Complete outlet, 500 Series CO2
<input type="checkbox"/>	
<input type="checkbox"/> 4107210165	Complete Slide, 500/560 Series

Chemetype Complete Outlets, 560 series D.I.S.S.	
Part Number	Description
<input type="checkbox"/> 4107210166	Complete outlet, 560 Series O2
<input type="checkbox"/>	Complete outlet, 560 Series ISO O2
<input type="checkbox"/> 4107210169	Complete outlet, 560 Series N2O
<input type="checkbox"/> 4107210167	Complete outlet, 560 Series M AIR
<input type="checkbox"/> 4107210168	Complete outlet, 560 Series VAC
<input type="checkbox"/> 4107210172	Complete outlet, 560 Series N2
<input type="checkbox"/> 4107210173	Complete outlet, 560 Series IAIR
<input type="checkbox"/>	Complete outlet, 560 Series ISO M AIR
<input type="checkbox"/>	Complete outlet, 560 Series ISO VAC
<input type="checkbox"/> 4107210171	Complete outlet, 560 Series WAGD
<input type="checkbox"/> 4107210170	Complete outlet, 560 Series CO2

*Chemetron is a registered trademark of Allied Healthcare, St. Louis, MO*

**Reference Dimensions**

**Notes:**

(1) These outlet stations are designed for wall thicknesses between 1/2" and 3/4" (12mm to 15mm). For wall thicknesses below 1/2" (12 mm) use console style outlet stations (see SSB-840-41). With Quick Connect outlets (500 series) in wall thicknesses between 3/4" (15mm) and 1" (25mm) use extension barrel 4107400078 for pressure gases and extension barrel and spring kit 4107400080 for vacuum and WAGD. For wall thicknesses between 1" (25mm) up to 1-3/8" (35mm) use extension barrel 4107401499 for pressure gases and 4107401500 for vacuum and WAGD.