

BeaconMedaes Chemetype Chemetron® 400 Series Equivalent Terminal Unit SPECIFICATION

Description

The Chemetype is a part for part equivalent to Chemetron 400 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 400 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.

Rough in to finish gas specificity is achieved using a shaped steel finger 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.

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 400 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.

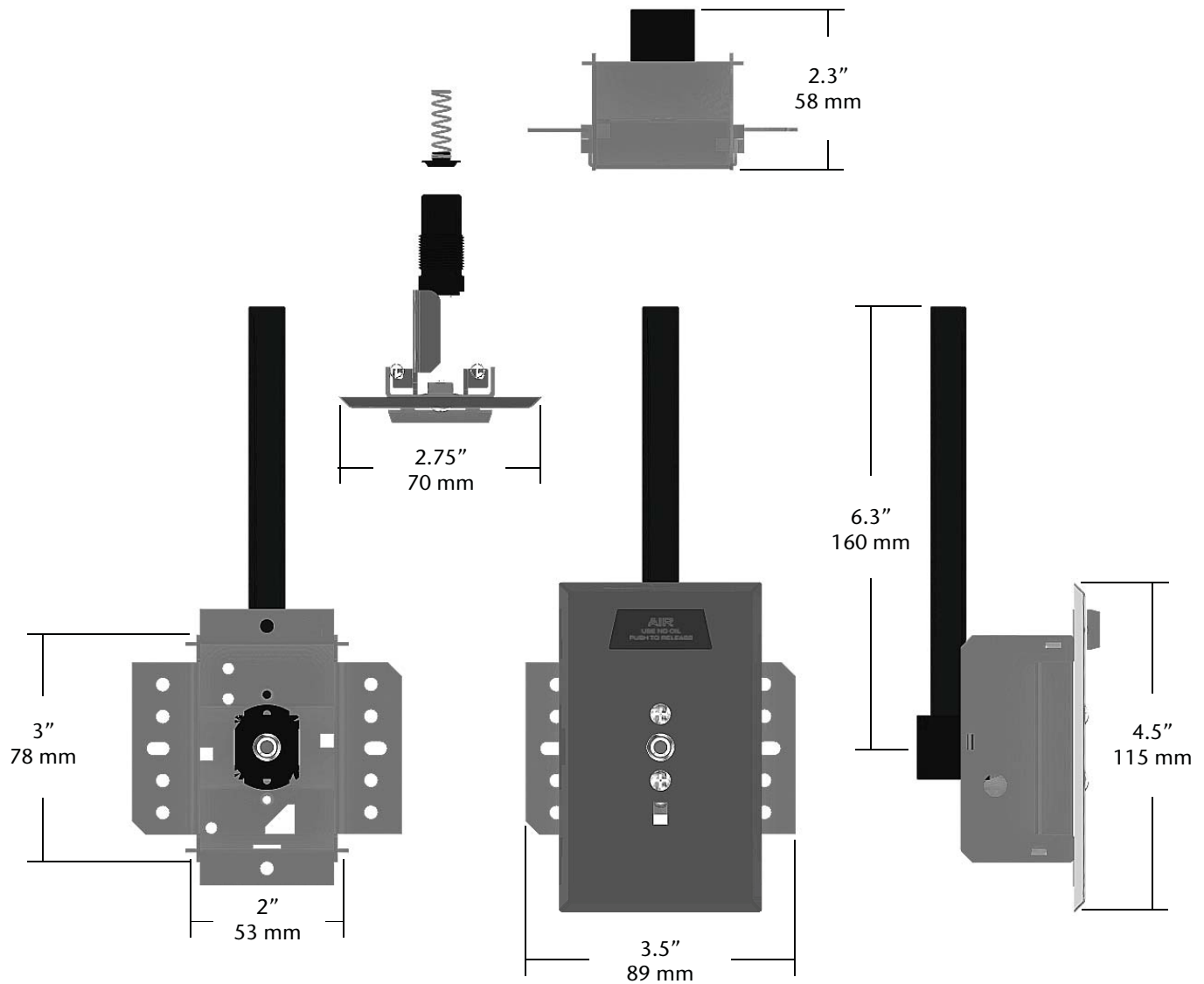
Complete outlet is shipped in single carton perforated for separation allowing rough in installation and separate finish installation at a later time, maintaining the protection of the finish.

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

Ordering Information

Chemetype Complete Outlets, 400 series Latch Index	
Part Number	Description
<input type="checkbox"/> 4107210190	Complete outlet, 400 Series O2
<input type="checkbox"/>	Complete outlet, 400 Series ISO O2
<input type="checkbox"/> 4107210193	Complete outlet, 400 Series N2O
<input type="checkbox"/> 4107210191	Complete outlet, 400 Series M AIR
<input type="checkbox"/> 4107210192	Complete outlet, 400 Series VAC
<input type="checkbox"/>	Complete outlet, 400 Series ISO M AIR
<input type="checkbox"/>	Complete outlet, 400 Series ISO VAC
<input type="checkbox"/> 4107210195	Complete outlet, 400 Series WAGD
<input type="checkbox"/> 4107210194	Complete outlet, 400 Series CO2
<input type="checkbox"/>	
<input type="checkbox"/> 4107210196	Complete Slide, 400/460 Series

Chemetype Complete Outlets, 460 series D.I.S.S.	
Part Number	Description
<input type="checkbox"/> 4107210197	Complete outlet, 460 Series O2
<input type="checkbox"/>	Complete outlet, 460 Series ISO O2
<input type="checkbox"/> 4107210200	Complete outlet, 460 Series N2O
<input type="checkbox"/> 4107210198	Complete outlet, 460 Series M AIR
<input type="checkbox"/> 4107210199	Complete outlet, 460 Series VAC
<input type="checkbox"/> 4107210203	Complete outlet, 460 Series N2
<input type="checkbox"/> 4107210204	Complete outlet, 460 Series IAIR
<input type="checkbox"/>	Complete outlet, 460 Series ISO M AIR
<input type="checkbox"/>	Complete outlet, 460 Series ISO VAC
<input type="checkbox"/> 4107210202	Complete outlet, 460 Series WAGD
<input type="checkbox"/> 4107210201	Complete outlet, 460 Series CO2

Reference Dimensions

Notes:

(1) Dimensions are approximate and may vary $\pm 0.07"$ (2 mm). Quick connect version is shown, which will stand off the finished wall approx. 0.4" (10mm). DISS versions will stand off the finished wall approx. 1" (25mm).

(2) These outlet stations are designed for panel or wall thicknesses between 1/2" (13mm) and 3/4" (19 mm). Thinner panels may require standoffs or other adjustment during installation. Thicker walls can be accommodated using extension barrel 4107400079 for pressure gases and extension barrel and spring kit 4107400081 for vacuum and WAGD (sold separately). Please contact BeaconMedæS for details.