

HAMILTON

TECHNICAL BULLETIN

Support Number: 513-874-3733

Fax: 513-874-6232

Web Site: www.hamiltonsafe.com

Email: support@hamiltonsafe.com

Author:
Bill Detherage

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Verification:
Dion Cullum

Date Issued:
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Product:
HA45 & HA1000
Over Head Units
with 4" Tubing

Date Revised:

Subject:

4" Tapered end-cap carriers with HA45 and HA1000 Over Head units.

All,

The HA45 and HA1000 over head units, when used to replace units and using existing 4" tubing, should use the standard side open carrier with the tapered end caps. The HA1000 down send unit used with existing 4" tubing should continue to use the standard side open carrier with the square or bull nose end caps.

Issue:

The issue with operating the HA45 or HA1000 4" over head units with the square or bull nose end caps on the carrier appears when replacing certain over head units that used expanded bends. The square or bull nose end cap on the carrier drags on the expanded bend and reduces its speed. An expanded bend is made in a manner to allow the carrier to turn in a short amount of space therefore making the bend much shorter. The bend is made in an oval shape to allow the carrier to turn in this shorter distance. The air can flow around the carrier when it travels through these types of bends so the speed of the carrier must be kept as great as possible to ensure that the carrier makes it through the bend every time.

Solution:

Hamilton recommends the use of the carrier with the tapered end caps to allow for a better travel through the over head system with expanded bends. We will begin shipping over head 4" systems immediately with tapered end cap carriers. Listed below are the part numbers for both the square or bull nose and tapered end cap carriers. Note: Hamilton will continue to recommend and ship the square or bull nose end cap on the 4" carriers used in the down send systems.

4" Carriers with tapered end caps.

B6713-BK = Carrier, 4" Black W/ Tapered End Caps and Clear Body

B6713-O = Carrier, 4" Orange W/ Tapered End Caps and Clear Body

B6713-GY = Carrier, 4" Gray W/ Tapered End Caps and Clear Body

B6713-P = Carrier, 4" Purple W/ Tapered End Caps and Clear Body

B6713-BG = Carrier, 4" Beige W/ Tapered End Caps and Clear Body

B6713-B = Carrier, 4" Blue W/ Tapered End Caps and Clear Body

B6713-R = Carrier, 4" Red W/ Tapered End Caps and Clear Body

B6713-Y = Carrier, 4" Yellow W/ Tapered End Caps and Clear Body

B6713-GN = Carrier, 4" Green W/ Tapered End Cap and Clear Body

4" Carriers with bull nose end caps.

B6512-B = Carrier, 4" Blue W/ Bull Nose End Caps and Clear Body

B6512-R = Carrier, 4" Red W/ Bull Nose End Caps and Clear Body

B6512-Y = Carrier, 4" Yellow W/ Bull Nose End Caps and Clear Body

B6512-GN = Carrier, 4" Green W/ Bull Nose End Caps and Clear Body

3/5/2008