Component Change

Date: August 5, 2019

Subject: A new McDonald’s vent line as well as a newly designed fill box panel.

Products Affected: The ½” vent line has changed from the 375 Series to the new 176 Series vent line. The 375 Series hose has been obsoleted by the manufacturer and is no longer available. The Chart Beverage System CO₂ McDonald’s fill box panel has been redesigned, adding an additional ½” barb to the panel. There are no changes to the fill line or fill line connections.

Description: The McDonald’s stainless steel fill box panel is a major component of a stationary bulk CO₂ fill and vent circuit. It includes the liquid CO₂ fill fitting and vent line termination fitting, which safely vents excess CO₂ gas outdoors. National and International Fire codes require materials used in vent and fill lines be rated for exposure to a low temperature of -109°F. Both the new 176 Series and current 375 Series vent lines meet the low temperature requirement. The new 176 Series vent line must be used with a barb style fitting and Oetiker style clamps.

The fill box design has changed to add an additional 1/2” barb fitting so that jurisdictions requiring additional vent circuits can utilize the new panel to satisfy their venting requirements.

Current McD Fill Box Panel

New McD Fill Box Panel
Contact: If you have concerns or questions relative to this action, please contact your Chart Technical Service Representative at 1-800-247-4446. Thank you for depending on Chart for high product quality and service.

<table>
<thead>
<tr>
<th>New Fill Box Panel</th>
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<tr>
<td>20931785 Double 1/2” Barb McD Panel</td>
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<tr>
<th>New Hose Kits</th>
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<tr>
<td>20596399 McD Vent Hose 5’</td>
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<tr>
<td>20596400 McD Vent Hose 15’</td>
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<td>20596401 McD Vent Hose 25’</td>
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<td>20596402 McD Vent Hose 50’</td>
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1/2” C02 VENT HOSE

ACCUFLEX SERIES 176V

*A LOW TEMPERATURE HOSE, DESIGNED FOR USE WITH BARBED INSERTS AND STEPLESS PINCH CLAMPS TO VENT EXCESS CARBON DIOXIDE GAS FROM ADEQUATELY REGULATED RELIEF VALVE ON BULK STORAGE SYSTEMS*

OLEFIN BARRIER CORE TUBE
POLYESTER YARN REINFORCEMENT
WEATHER AND UV-RESISTANT COPOLYMER JACKET (BLUE OVER BLACK)

**Dimensions:**
- I.D. = 0.500” +/- 0.010”
- O.D. = 0.730” +/- 0.010”

**Pressure Capabilities:**
- MAX. 300 PSIG WP @ 70F
- MIN. 1200 PSIG BURST @ 70F

**Packaging:** 300 Foot Coils/Wrapped

**Material Performance:** SEE PRODUCT STANDARD

**Service Temperature Range:** -109.3°F (-78°C) to +140°F (+60°C)

**NOTE:** 1/2” size requires two 19.8 Oetiker Clamps

**Branding:** Black ink / 1” spacing between finish & start of next print line

ACCUFLEX 176V-08 1/2” ID 300 PSI MAX. W.P. / 4:1 S.F. TEMP RANGE -109°F TO +140°F MADE IN CANADA hose is equipped with 1/4” NPT threaded connections. HOSE DESIGNED FOR THE OPEN ENDED VENTING OF PRESSURE REGULATED CO2 GAS

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**ACCUFLEX INDUSTRIAL HOSE LTD.**
MANUFACTURERS OF HOSE AND TUBING

**DRAWN BY:** K. DUNLOP
**DATE:** JUNE 18, 2019
**DRAWING SERIES:** 176V-08