Messer CO_2 snow horns.

Models: 3.75   Models: LVSH-3.5   Models: LVSH-7

Benefits

- Easily adaptable to most mixing equipment
- Subcooling in the 3.75 snow horn creates higher conversion rates from liquid to snow while insulation eliminates condensation
- The LVSH-7 feed ring dissapates high-velocity energy allowing a gentle, uniform output of snow
- Precise temperature control when combined with a Messer control panel

Messer's CO_2 snow horns provide a simple, cost-effective method to accurately control temperature conditions in your chilling operations. Designed and built to meet USDA requirements, Messer's snow horns are included in our standard chilling systems and are easily adaptable to most existing chilling operations. Additionally, they can generate snow for controlling temperatures in box or combo cooling applications.
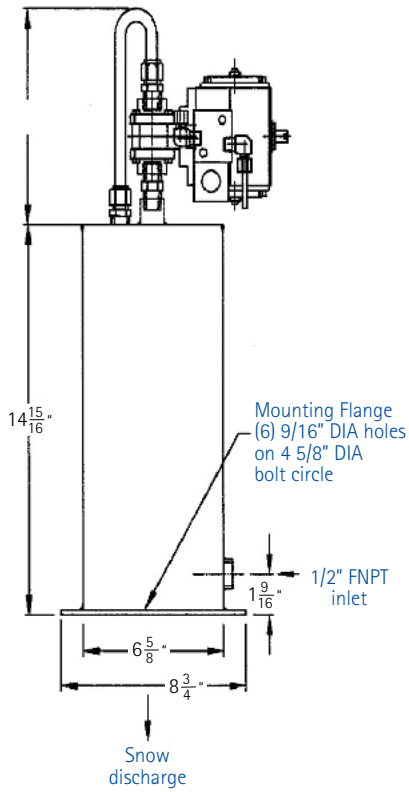
The stainless steel 3.75 model snow horn leads the Messer line. Its subcooling design produces unparalleled efficiency in converting liquid CO_2 into fine CO_2 snow. The unique design of the 3.75 model provides a "warm wall" to prevent condensation and snow build-up in the chamber, which affects uniformity of flow.

The LVSH-7 and LVSH-3.5 models deliver snow without costly CO_2 loss due to snow blowout sometimes encountered with conventional snow horns. Made of stainless steel, their compact, low velocity design efficiently and uniformly distributes CO_2 snow.
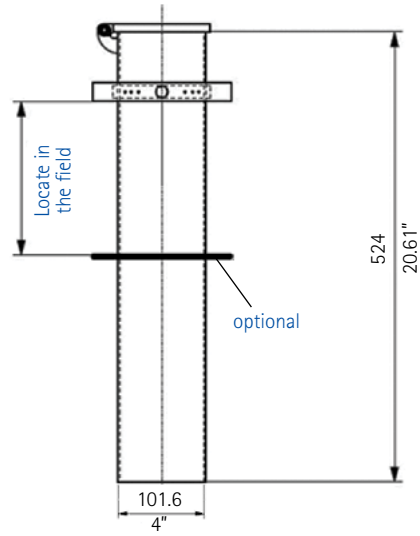
Techical Data

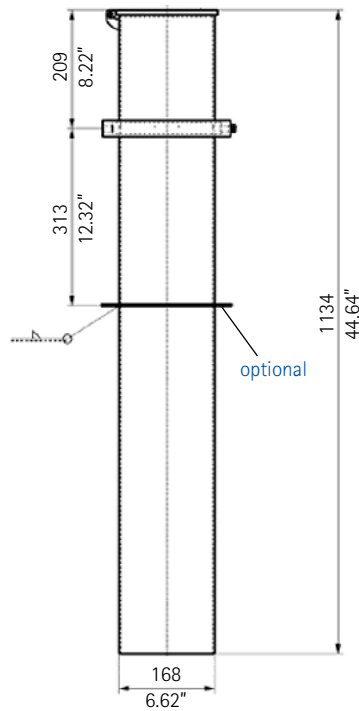| Model	3.75	LVSH-7SS	LVSH-3.5SS
Snow, #/min max	50	40	15
Height, in	23.5	44.6	21
Tube ID, in	3.25	6.625	3.8
Design pressure, psig	300	300	300
Max pressure, psig	400	400	400

Models: 3.75

$14\frac{15}{16}$"

Mounting Flange
(6) 9/16" DIA holes
on 4 5/8" DIA
bolt circle

1/2" FNPT
inlet

$1\frac{9}{16}$"

$6\frac{5}{8}$"

$8\frac{3}{4}$"

Snow
discharge

Models: LVSH-3.5

Locate in
the field

optional

524

20.61"

101.6
4"

Models: LVSH-7

209
8.22"

313
12.32"

1134
44.64"

optional

168
6.62"

MESSER
Gases for Life

Messer North America, Inc.
200 Somerset Corporate Blvd
Suite 7000
Bridgewater, NJ 08807
Phone: 1-800-755-9277
sales@messer-us.com
www.messer-us.com

f **facebook.com**

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twitter.com

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