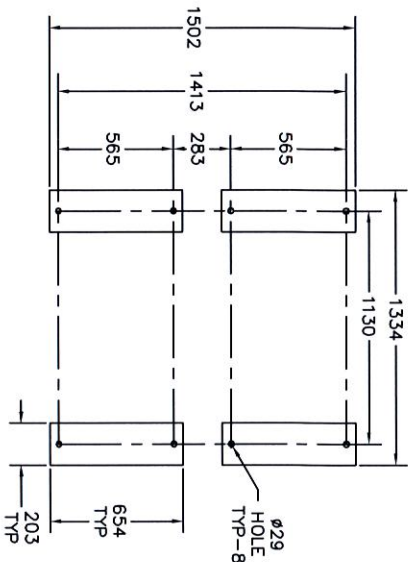
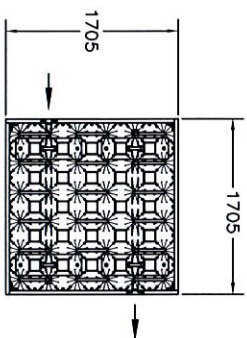


1.1. Tankübersicht/ TANK OVERVIEW

Technical drawings of three Linné water heaters, showing side and front views with dimensions.

- T.V110:**
 - Side view dimensions: Total length 7346, Diameter $\varnothing 2000$.
 - Front view shows the burner assembly and control panel.
- T.V60:**
 - Side view dimensions: Total length 7120, Diameter $\varnothing 1608$.
 - Front view shows the burner assembly and control panel.
- T.V30:**
 - Side view dimensions: Total length 4119, Diameter $\varnothing 1604$.
 - Front view shows the burner assembly and control panel.

* Refer to MBA drawings
P103 and P104. *



ANCHOR BOLT PATTERN

- NOTES
1. DO NOT IMPOSE EXCESSIVE LOADS ON HEADERS, USE STANDS AT SUITABLE LOCATIONS, CUSTOMER TO ALLOW FOR EXPANSION/CONTRACTION OF PIPING & END CONNECTIONS. REFER TO CRYOCOUP DOC NO: EN-01-02 FOR ALLOWABLE LIMITS.
2. UNITS MUST BE INSTALLED IN AN AREA WHERE THERE IS A FREE FLOW OF AIR, DO NOT INSTALL IN LOW AREAS, OR PLACES WHERE FENCES OR WALLS COULD IMPEDER AIRFLOW NOR IN PROXIMITY TO STRUCTURES AND/OR OTHER VAPORIZERS TO ENSURE COULD AIR REMOVAL AND CORRECT PERFORMANCE.
3. FOUNDATIONS SHOULD HAVE PROVISIONS FOR DRAINAGE AND LOW TEMPERATURES. IT IS THE PURCHASERS RESPONSIBILITY TO PROPERLY ADDRESS THE FOUNDATION AND ANCHORING REQUIREMENTS FOR THE EQUIPMENT TO COMPLY WITH THE SITE LOCATION/DESIGN CONDITIONS
4. SURFACES OF VAPORIZER OPERATE AT LOW TEMPERATURE AND SHOULD BE PROTECTED FROM INADVERTENT TOUCHING.
5. INLET CONNECTION: 2" [DN50] 300# RFNM ANSI FLANGE
6. OUTLET CONNECTION: 2" [DN50] 300# RFNM ANSI FLANGE
6. APPROXIMATE WEIGHT (DRY): 1350KG
7. APPROXIMATE WEIGHT (ICED): 3800KG
8. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
8. WIND DESIGN PER BS EN 1991-1-4:2005, EUROCODE 1, SEISMIC DESIGN PER IBC 2006.
9. REFER TO PED TYPE APPROVAL, DRAWING NUMBER 184239 or 184797 APPLICABLE TO EUROPEAN UNION MARKET ONLY.
10. FLANGES TO BE SECURELY PLUGGED, FACES PROTECTED AND COMPLETE TERMINATION TO BE SEALED WITH H/D POLYTHENE COVER.
11. FOR HANDLING INFORMATION, REFERENCE CRYOCOUP DOC NO: SP-09-38C & SP-09-40B, LIFTING AND HANDLING INSTRUCTIONS FOR MEDIUM TO LARGE VAPORIZERS.
12. FOR BOLT LOADS, REFER TO WIND AND SEISMIC CALCULATION 200-0780.

13. DESIGN DATA:

DESIGN TEMPERATURE: -196°C TO +66°C
M.A.W.P. (LIN/LAR/LOX): 40 BARG $\oplus$ +66°C
M.D.M.T.: -196°C $\oplus$ 40 BARG
APPROXIMATE VOLUME: 98L

CODE: ASME SECTION VIII, DIV 1, LATEST EDITION: PED, CE STAMP
N.D.T: FOR ASME AND PED REQUIREMENTS

-PNEUMO AT 1.1 x M.A.W.F.
-44 BARG

MATERIALS: PRESSURE RETAINING PARTS

-FLANGES: SB247, 6061-T6 ALUMINIUM
-PIPING: SB221/SB241-6061-T6 ALUMINIUM

- TUBES: SBZ10-6061-T6 ALUMINIUM
- HEADS: SBZ221 6061-T6 ALUMINIUM

CODE: BS EN13445 AND EUROPEAN UNION PED CE STAMP

N.D.T: FOR EN13445 AND PED REQUIREMENTS
-PNEUMO AT 1.43 x M AWP

-57 BARC
LIQUID PENETRANT EXAMINATION OF ALL BUTT WEI DS

MATERIALS: PRESSURE RETAINING PARTS
ENIS: EN573/755 6060-T6 ALUMINIUM

-FLANGES: EN573/755 6061-T6, 6082-T6, 5083 ALUMINIUM

- TUBES: EN573/755 5083 ALUMINIUM

-HEADS: ENS/3/33 6061-16, 6062-16, 3063 ALUMINIUM

 CRYOQUIP
MURRIETA, CA 92562

STONES	DATE	OUTLINE
TWIG	4 JUL 13	

DOC	4 JUL 13
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VAI 1236 EB 115

PC	4 JUL 13
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AMBIENT VAPORIZER

SIZE	D	DWG NO	7X733	200-078
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CAD REF. SCALE	1/48	WEIGHT	SHEET
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DO NOT SCALE DRAWING		CONTRACT NUMBER	
MURRIETA, CA 92562 U.S.A.		200-0780 DWS	
PROJECT NAME OUTLINE		DATE 4 JUL 13	
APPROVED BY VAI 1236 FB L15		DATE 4 JUL 13	
AMBIENT VAPORIZER		DATE 4 JUL 13	
DRAWING NO. 200-0780		DATE 4 JUL 13	
SCALE 1/4" = 1'		DATE 4 JUL 13	
SHEET 1 OF 1		DATE 4 JUL 13	

7 8 6 BOC
VENDOR DRAWING

BOC Reference 158150009/A
Vendor Name CRYOQUIP
Vendor Dwg No. 200-01760
DA Reference 1A17109 Date 24.11.15

Issue A

Revised and re-photocopied by BOC and under the direction of
any liability or responsibility for any change in goods manufactured by the
supplier of the above mentioned equipment.

V200 Number 15862	Issue 3
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