

NO. REQ'D. 1 SERIAL NO. SPG-36039

SPG-36039-RJA

UM ASME

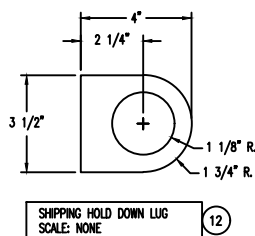
APPROVED FOR CONSTRUCTION

BY _____ DATE _____

ROUTING
FABRICATOR
QUALITY CONTROL
PARTS
STOCK ROOM
FILE
SALESMAN

SPECIAL NOTES:

- * DENOTES DIMENSION MEASURED ON CURVE OF INNER HEAD. RADIAL DIMENSIONS SHOWN FOR VENT IS REFERENCE ONLY. THIS ITEM IS INSTALLED SUCH THAT ITS HIGH POINT IS LOCATED AT THE TANGENCY POINT OF HEAD DISH TO KNUCKLE RADIUS.
- TANK PITCHED 1/4" PER FT. TO OUTLET; LEGS, LADDER AND C.L.P. UNIT INSTALLED PERPENDICULAR TO EARTH, THERMOMETER WELL IS INSTALLED PARALLEL TO EARTH.
- HEAT TRANSFER SURFACE DESIGNED & FABRICATED IN ACCORDANCE WITH THE ASME BOILER & PRESSURE VESSEL CODE, SECTION VIII, DIV. I, 2001 EDITION. HEAT TRANSFER SURFACE DESIGNED FOR 150 PSIG AT 300°F. MAX./-20°F. MIN. TEMPERATURE. HYDROSTATICALLY TESTED AT 255 PSIG AT AMBIENT TEMPERATURE. ASME "UM" CODE STAMPED.
- TANK DESIGNED FOR BULK HEADING THRU A 12" THICK (MAX.) PLANT WALL.
- C.L.P. SOLUTION REQUIREMENT AT SPRAY UNIT: 80 GPM AT 25 PSIG.
- H.T.S. DESIGNED FOR USE WITH 28" F. NH3 TO MAINTAIN ICE CREAM MIX AT 35° F. @ AVG. RECOVERY RATE 1/2"/HR. (IN RANGE 37-35° F.)
- MAX. FILL OR EMPTY RATE FOR 3" VENT (400 GPM).



STANDARD INFORMATION:	
ASME:	YES (COLDWALL ONLY)
DESIGN PRESSURE & TEMP:	VESSEL: ATMOSPHERIC JACKET: 150 PSI AT 300°F.
HYDROTEST AT AMBIENT:	VESSEL: NONE JACKET: 255 PSIG AT AMBIENT / PILLOW PSI = 800 APPROX.
CORROSION ALLOWANCE:	NONE
PASSIVATION REQ'D.:	BY OTHERS
SHOP TOLERANCE:	±1/8"
RADIOGRAPH:	NO
N.D.E.:	DYE CHECK / LIQUID PENETRANT
P.W.H.T.:	NO
TANK CONTENTS:	ICE CREAM MIX
SP. GR.:	1.15
APPROX. EMPTY WEIGHT:	4700#
FINISH:	INTERIOR: 304 S.S. SURFACES - #4 SANITARY FINISH INSIDE WELDS - F-6 (GROUND SMOOTH AND FLUSH TO A #4 SANITARY FINISH) EXTERIOR: 304 S.S. SURFACES - FRONT HEAD, #4 SANITARY FINISH W/ FITTING WELDS F-5B (GROUND SMOOTH AND FLUSH WITH BRIGHT BUFF) S.S. WRAP, 8" BAND WITH #4 FINISH AT FRONT HEAD SEAM, REMAINING EXTERIOR IS PRIME PAINTED (TUF-COTE #1866S) & FINISH PAINTED W/ WHITE "IRON" PREMIUM POLYURETHANE.
GRATING INSTRUCTIONS:	
REFERENCE DRAWINGS:	

POP RIVET (4) PLACES (13)

WALKER STAINLESS EQUIPMENT CO. - ELROY, WI
A CARLISLE COMPANY

SERIAL NO. SPG-36039 DATE _____
MODEL HHT CAPACITY 3,000 GAL
JACKET AREA (SF) 80 REFR. NH3
WORKING PRES. (PSIG) 150 TEST (PSIG) 255

THE INSULATION OF THIS TANK COMPLIES WITH THE REQUIREMENTS FOR A TANK TO BE INSTALLED PARTLY OUTSIDE OF A BUILDING. THE AGITATOR OF THIS TANK IS DESIGNED SO THAT THE PORTION OF AGITATOR SHAFT OUTSIDE OF THE TANK NEED NOT BE IN A PROCESSING AREA.

POP RIVET (4) PLACES (13)

CERTIFIED BY
WALKER STAINLESS EQUIPMENT CO. INC.

VESSEL _____ PSIG MAMP AT _____ °F
MIN DESIGN METAL TEMP _____ °F AT _____ °F
JACKET _____ PSIG MAMP AT _____ °F
MIN DESIGN METAL TEMP _____ °F AT _____ °F

SERIAL NO. SPG-36039 YEAR _____
CAPACITY _____ MAMP _____ 304 S.S.
MODEL HHT DWG SPG-36039-1-0
3,000 GALLON HORIZONTAL TANK

WALKER A CARLISLE COMPANY

WARRANTY

Walker Stainless Equipment Co. warrants new tanks or equipment manufactured by us to be free from defects in material and workmanship under normal use and service for a period of 1 year after shipment from the factory.

For breach of warranty of any kind, the measure of damages to be recoverable from Walker Stainless Equipment Co. shall be limited to repair or replacement of the part or equipment which examination discloses to be the satisfaction of seller to be defective, or the payment of the price or making such repair or replacement, at the option of the seller.

This warranty is expressly in lieu of all other warranties, expressed or implied, and all other obligations and liabilities on our part. Any warranty of merchantability is expressly excluded. We neither assume nor authorize any other person to assume for us any liability in connection with the sale of our products, and no other warranty will be honored unless in writing and signed by an officer of the corporation. This warranty shall not apply to any product of our manufacture which has been repaired or altered outside our factory, or which in our opinion, has been subject to misuse, negligence or accident. Seller will not assume any charges for liability or responsibility for transportation to and from repair point, nor any loss of time due to repair. This warranty does not cover components of other manufacturers beyond such warranty as is made by such manufacturer.

Any action for breach of warranty shall be commenced within one (1) year of said breach or be forever barred.

All information including design details and dimensions contained herein are confidential and proprietary and must not be reproduced, disclosed to others, or used in the production of parts shown, unless authorized in writing by Walker Stainless Equipment Company.

- NOTES:**
- Dimensions, unless otherwise indicated are nominal and standard shop tolerances are to be expected. Measurements for any field attachments should be verified on site by others before fabrication of the attachments.
 - If in contact with materials containing salt, chlorides or other corrosive materials, the corrosion resistance of this equipment is not the responsibility of Walker Stainless Equipment Company.

WALKER
A CARLISLE COMPANY
WALKER STAINLESS EQUIPMENT CO., INC.

SCALE:	3/4"=1'-0"	CHECKED BY:	_____	DRAWN BY:	JP
DATE:	10-10-02	APPROVED BY:	_____	REVISED:	△
3,000 GALLON HORIZONTAL				DRAWING NUMBER:	
JOB:				SPG-36039-1-0	
GOOD HUMOR BREYERS				NOTE! DO NOT SCALE THIS DRAWING!	

ITEM	REF. DWG.	QTY.	SIZE/THICK	MATERIAL	SA #	WELDS	DESCRIPTION
14	---	---	A.R.	---	---	---	ESCUTCHEONS (NOT SHOWN)
13	---	1	---	304 S.S.	---	---	MANIFOLD
12	---	4	1/4" X 3 1/2" X 4"	C.S.	---	---	SHIPPING HOLD DOWN LUGS
11	SPG-36039-HIS	1	18 GA.	304 S.S.	SA-240	---	80 SQ. FT. ASME OMEGA DIMPLE TYPE FOR USE WITH 28" NH3 FULL-FLOODED
10	---	1	8" WD. X 12 GA.	304 S.S.	---	---	WRAP BAND
9	---	2	4" WD. X 7 1/2" HG. X 1/2" THK.	C.S.	---	L-OSH	LIFTING LUGS
8	10267-A	1	2 HP, 230/480 VOLT, 48 RPM (1) 33" DIA. (2) BLD. SWEEP IMP.	304 S.S.	---	---	VERTICAL MECHANICAL AGITATOR
7	10726	6	4" SCH.40 PIPE / 3" SCH.40 PIPE	C.S.	---	---	PIPE LEGS W/ ADJUSTABLE (+/-) 5/8" BALL FEET AND CONTINUOUS SUPPORT ANGLES
6	---	---	3" THK INSULATION	---	---	---	TANK INSULATION (POLYSTYRENE/FIBERGLASS)
5	---	3	5" X 6.7"	C.S.	---	L-OSH	SHELL REINFORCING RINGS
4	---	1	12 GA.	C.S.	---	---	OUTER WRAP (FINISH PAINTED)
3B	---	1	13 GA.	304 S.S.	M-06H	---	WRAP HEAD (F & D) 2 1/2" K.R. - 1" S.F., #4 FIN.
3A	---	1	10 GA.	C.S.	---	---	WRAP HEAD (F & D) 2 1/2" K.R. - 1" S.F.
2	---	2	12 GA.	304 S.S.	M-06H	---	INNER HEADS (F & D) 2" K.R. - 1/2" S.F.
1	SPG-36039-HIS	1	10 GA.	304 S.S.	SA-240	M-06H	SHELL

REV. DATE	ISSUE	REVISION DESCRIPTION		APP'D BY
M	---	6	304 S.S. SA-240	---
L	---	3	304 S.S. SA-249	---
K	---	1	316L S.S.	---
J	---	1	304 S.S.	---
H	10238	1	316L S.S.	---
G	SPG-36039-HIS	7	304 S.S. SA-312	---
F	SPG-36039-HIS	2	304 S.S. SA-182	---
E	SPG-36039-HIS	1	304 S.S. SA-182	---
D	1300	1	316L S.S.	---
C	10085	1	316L/304 S.S.	---
B	10537	1	304 S.S.	---
A	---	1	316L/304 S.S.	---

ITEM	REF. DWG.	QTY.	STUB	SA #	FLANGE	SA #	SIZE	RATE	WELDS	DESCRIPTION
---	---	---	---	---	---	---	3/16"	---	---	END CAPS (NOT SHOWN)
---	---	---	---	---	---	---	7 GA.	---	---	HEADERS (7 GA. X 3" X 1 1/2")
---	---	---	---	---	---	---	G-01	---	---	LEVEL GAUGE (ANDERSON #71060-A0003 SHELL)
---	---	---	---	---	---	---	C-06H	---	---	3B-1 KLENZADE DOUBLE BALL SPRAY UNIT WELDED IN WITH A 1 1/2" #14 TRI-CLAMP CONNECTION
---	---	---	---	---	---	---	W-01H	---	---	RECORDER WELL (WALKER PROJECTILE WELL EQUIVALENT TO TAYLOR #28P397)
---	---	---	---	---	---	---	---	---	---	PIPE STOOLS (NOT SHOWN)
---	---	---	---	---	---	---	---	---	---	HTS OUTLETS (HALF SCREW COUPLINGS)
---	---	---	---	---	---	---	---	---	---	HTS INLET (HALF SCREW COUPLING)
---	---	---	---	---	---	---	---	---	---	THERMOMETER (5" DIA., 20-240 F RANGE WITH PROJECTILE WELL)
---	---	---	---	---	---	---	---	---	---	INSULATED MANHOLE WITH QMI ASEPTIC SAMPLER
---	---	---	---	---	---	---	---	---	---	V-08 VENT (WITH SCREEN, END CAP & DUST SHIELD)
---	---	---	---	---	---	---	---	---	---	G-02H OUTLET (#14 TRI CLAMP ON A SUMP TYPE POD)