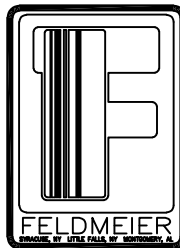


NOZZLE	SIZE	DESCRIPTION	SERVICE
A	2"	THIN WALL SANITARY CLAMP FERRULE IN TOP HEAD FOR LEVEL PROBE--(LESS PROBE)	MOUNT FOR LEVEL PROBE
B1	4"	HEAVY WALL SANITARY CLAMP FERRULE. MOUNT FOR B2	MOUNT
B2	2 1/2"	REMOVABLE NO-FOAM ASSEMBLY W/ 8" OF DOWN SPOUT BEFORE 45' ELBOW	INLET
C	2"	THIN WALL SANITARY CLAMP FERRULE	INLET
D	2"	THIN WALL SANITARY CLAMP FERRULE	INLET
E	6"	STANDARD SLIP-ON VENT SCREEN ASSEMBLY IN TOP OF TANK - DESIGNED FOR BOTH CIP CLEANING & EASY REMOVAL	VENT
F1	4"	MOUNT FOR F2	MOUNT
F2	1 1/2"	REMOVABLE SPRAY BALL ASSY. W/ 4" CAP, CLAMP, 3" DIA. BALL & 18 15/16" TUBE LENGTH (RATED FOR 40 GPM @ 20 PSI)	CIP REMOVABLE SPRAY BALL
F3	4"	MOUNT FOR F4	MOUNT
F4	1 1/2"	REMOVABLE SPRAY BALL ASSY. W/ 4" CAP, CLAMP, 3" DIA. BALL & 18 15/16" TUBE LENGTH (RATED FOR 40 GPM @ 20 PSI)	CIP REMOVABLE SPRAY BALL
G	3"	THIN WALL SANITARY CLAMP FERRULE MOUNTED IN LOWER SIDEWALL	TANK OUTLET PORT
H	3"	THIN WALL SANITARY CLAMP FERRULE MOUNTED IN LOWER SIDEWALL	INLET
J	1/2"	STAINLESS STEEL THERMOWELL MOUNTED IN LOWER SIDE WALL W/ 5" DIAL THERMOMETER (0-250 DEG. F RANGE).	THERMOMETER
K	-	STAINLESS STEEL THERMOWELL MOUNTED IN LOWER SIDE WALL FOR RTD--(LESS RTD) (PYROMATION # W81-1).	RTD WELL
L	-	KING LONG LEVEL SHELL ONLY WITH CAPSULE NUT, MOUNTED IN LOWER SIDE WALL (LESS DEVICE).	LEVEL SHELL
M	3"	THIN WALL SANITARY CLAMP FERRULE	SUMP OUTLET
N	1 1/2"	QTY. (2) NPT PIPE NIPPLE	HEAT TRANSFER INLET
P	1 1/2"	QTY. (2) NPT PIPE NIPPLE	HEAT TRANSFER OUTLET
Q	20"	MANWAY WITH HINGED COVER AND GASKET IN THE TOP HEAD	TOP MANWAY
R	16"x20"	STANDARD INSULATED, ELLIPTICAL, INSWINGING MANWAY WITH BUILT IN 1" SAMPLE PORT	SIDE MANWAY W/ PORT

NOTES:

- ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.
- MATERIALS & CONSTRUCTION PER ASME SECTION VIII, DIV 1, 1998 EDITION, 1998 ADDENDA.
- ALL WELDERS AND WELDING PROCEDURES ARE CERTIFIED IN ACCORDANCE WITH ASME SECTION IX.
- SEE NAMEPLATE DETAILS FOR CODE STAMPING REQUIREMENTS.
- VESSEL IS EXEMPT FROM IMPACT TESTING PER UHA-51(d) & (e).
-
- YEAR IN WHICH COMPLIANCE WITH ALL CODE REQUIREMENTS HAVE BEEN MET IS TO BE STAMPED IN THIS SPACE.
- ASME CODE BOUNDARY FOR DIMPLED JACKET ENDS AT THE FIRST CIRCUMFERENTIAL JOINT OF THE INLET AND OUTLET PIPE NIPPLES REF. ASME SECTION VIII U-1(e)(1)(a). COMPLETE DOCUMENTATION IS PROVIDED FOR YOUR VALIDATION REQUIREMENTS.
- EACH VESSEL TO INCLUDE (1) 3 HP. GEAR MOTOR ASSY. (LESS SWITCH) OPERATING AT 68 RPM
AGITATOR TO HAVE (2) 28" DIA. 3-BLADED TURBINES
- AGITATOR ASSEMBLY EQUIPT WITH S.S. MOTOR SUPPORT, TOP SHAFT SEAL, BOTTOM SHAFT GUIDE, WITH REPLACEABLE UHMW BEARING.
- VESSEL DESIGNED & CONSTRUCTED FOR SEISMIC ZONE 3 AREA.
- VESSEL DESIGNED IN COMPLIANCE WITH 3-A SANITARY STANDARDS.
- VESSEL DESIGNED TO BE CAPABLE OF WITHSTANDING HOT CIP CYCLES OF 180F.



FELDMEIER STICKER

CERTIFIED BY FELDMEIER EQUIPMENT, INC. Syracuse, New York, USA	
VESSEL MAWP: <input type="text"/> XXX PSI AT <input type="text"/> XXX °F	
MIN. DESIGN METAL TEMP: <input type="text"/> XXX °F AT <input type="text"/> XXX PSI	
JACKET MAWP: <input type="text"/> 100 PSI AT <input type="text"/> 350 °F	
MIN. DESIGN METAL TEMP: <input type="text"/> -20 °F AT <input type="text"/> 100/FV PSI	
YEAR BUILT: <input type="text"/> [NOTE 7]	SERIAL NO.: <input type="text"/>
MADE IN THE UNITED STATES OF AMERICA	

S52299

ASME NAMEPLATE STAMPING
(DIMPLED JACKET ONLY)

INTERNAL FINISH SPECIFICATION:	
MATERIAL:	ALL INTERNAL S.S. SHEET MATERIAL TO HAVE A #4 FINISH
WELDS:	ALL INTERNAL WELDS TO BE GROUND & POLISHED TO A MINIMUM 150 GRIT FINISH FOR SANITARY SERVICE
EXTERNAL FINISH SPECIFICATION:	
MATERIAL:	ALL EXTERNAL S.S. SHEET MATERIAL TO HAVE A #4 FINISH
WELDS:	ALL WELDS TO BE GROUND & POLISHED TO A MIN. 150 GRIT EXCEPT MOTOR SUPPORT, MANWAY HARDWARE, LIFT LUGS, FLANGE FEET & FLAT BOTTOM TRIM WHICH ARE TO BE CLEANED ONLY TO REMOVE DISCOLORATION.
WEIGHTS:	
EMPTY VESSEL:	5,743 LBS
FULL @NOM. CAPACITY:	22,415 LBS
SPEC. GRAV. = 1.0	
HEAT TRANSFER JACKET:	
FLOW RATE:	30 GPM
PRESSURE DROP:	LESS THAN 10 PSI
TEST PRESSURE:	165 PSI
AGITATION:	
PUMPING CAPACITY:	8000 GPM
PRODUCT TURNS:	4 TURNS PER MINUTE

WELDING SPECIFICATIONS:
LISTED SPEC'S. ARE APPROVED FOR USE UNLESS OTHERWISE NOTED ON THIS DRAWING

WS101A	R4	(GTAW)	
WS102B	R1	(GMAW)	
WS251	R1	(FCAW)	

WELDING WIRE SPECIFICATIONS:

SS TO SS GTAW (TIG)	ER316L WIRE
SS TO SS GMAW (MIG)	ER316LSI WIRE
SS TO SS FCAW (FLUX CORE)	ER316LT WIRE

DESIGN DATA

VESSEL NOMINAL CAPACITY: 2,000 GAL.		SPECIFIC GRAVITY: 1.0		CORROSION ALLOWANCE: 0.00	
DIMPLED JACKET DESIGN CONDITIONS:			VESSEL DESIGN CONDITIONS:		
PRESSURE: 100 PSIG			PRESSURE: ATMOSPHERIC		
MAX. TEMP.: 350 °F			MAX. TEMP.: 350 °F		
MIN. TEMP.: -20 °F			MIN. TEMP.: -20		
VESSEL MATERIAL:	SPEC.	GRADE	THICKNESS/CLASS	NOTES	
SHELL:	SA-240	304	12 GA.	90" ID x 84" WELD TO WELD	
TOP HEAD (F&D):	SA-240	304	7 GA.	96" IDR, 2" IKR, 1" SF	
BTM. HEAD (FLAT, F&D):	SA-240	304	10 GA.	90" DIA., FLANGE PITCH 3/4 PER FT.	
HEAVY/LIGHT CLAMP FERRULE & CAP:	SA-479	316L	-	-	
OUTER SHEATHING:	SA-240	304	12 GA.	96 1/2" OD X 90" STRAIGHT SIDE	
BOTTOM HEAD SHEATHING (FLAT):	SA-240	304	12 GA.	96" OD. 1" IKR	
PRODUCT CONTACT TUBING:	SA-249	316L	-	-	
THERMOWELL:	SA-479	316L	-	5" DIAL (0-250 DEG.F RANGE)	
-	-	-	-	-	
20" MANWAY MATERIAL:					
BAR:	SA-240	304	-	-	
COVER:	SA-240	304	-	-	
BOLT:	SA-479	304	-	-	
NUT:	-	304	-	-	
LUG PINS:	SA-479	304	-	-	
OTHER EXTERNALS:	SA-479	304	-	-	
GASKET:	-	-	-	EPDM	
16"x20" MANWAY MATERIAL:					
RIM:	A-240	304	3/8"	6" LONG	
COVER:	A-240	304	-	-	
BOLT:	-	404 Ni ALLOY	3/4" - 10	-	
NUT:	-	304	3/4" - 10	-	
LUGS, PINS:	A-479	304	-	-	
OTHER EXTERNALS:	A-479	304	-	-	
GASKET:	-	-	-	WHITE NEOPRENE	
HEAT TRANSFER JACKET:					
DIMPLED JACKET:	SA-240	304	16 GA (0.0595")	2" x 2" CENTERS (OPTION #5)	
DIMPLED JACKET MANIFOLDS:	SA-240	304	10 GA (0.135")	-	
MNPT NIPPLES:	SA-312	TP304 WLD.	SCHED. 40	THREAD ON ONE END	
OTHER MATERIAL:					
PIPE LEGS:	SA-312	TP304 WLD	SCHED. 40	(6)- 4" ADJUSTABLE PIPE LEGS	
FOOT PADS:	SA-240	304	3/8" THICK	(6)- 7" X 7"	
GRAB HANDLE:	SA-479	304	1/2" DIA.	(1)- ABOVE SIDE MANWAY	
LIFTING LUGS:	SA-479	304	3/4" DIA.	(2)- REQUIRED	
GROUNDING LUG:	SA-240	304	1/4" THICK	SEE DETAIL ON SHEET #3 OF #4	
AGITATOR SHAFT:	SA-312	304	SCHED. 40	2" PIPE SHAFT	
MOTOR BASE PLATE:	SA-240	304	1/2" THK.	1/2" X 13" X 8" X APPROX 33"	
TWIN TURBINE, TRIPPLE BLADE:	SA-240	304	1/4" THK.	3" WIDE X 28" O.D.	
BOTTOM BEARING:	UHMW	-	-	-	
BEARING SUPPORTS:	SA-479	304	1/2" DIA. ROD	-	
INTERNAL BASE STRUCTURE:	MILD STEEL	-	-	-	
INSULATION:	SIDE & BOTTOM HEAD TO INSULATED WITH 3" OF CHLORIDE & ASBESTOS FREE SOFT FIBERGLASS				

FILE NAME: \DWGS\ S522A99	P.O. No. 206335	
FELDMEIER EQUIPMENT Syracuse, New York		
DRAWN BY: DRH	ENGRG. Approved By: AI	REV: A
DATE: 12-16-99		SHEET: 1 of 4
QTY (1) 2,000 GALLON VERTICAL, INSULATED, STAINLESS STEEL 'GVF' BATCH TANK TAG# HBT-2		
SLIM-FAST NUTRITIONAL FOODS, L.L.C. 2000 HIGHWAY 51 NORTH. COVINGTON, TN. 38019		DRAWING NO. S52299

A	- REVISED ORIENTATIONS - ADDED NOTES 11, 12 & 13. - MOVED ITEM "K"	01-20 00
REV	DESCRIPTION	DATE