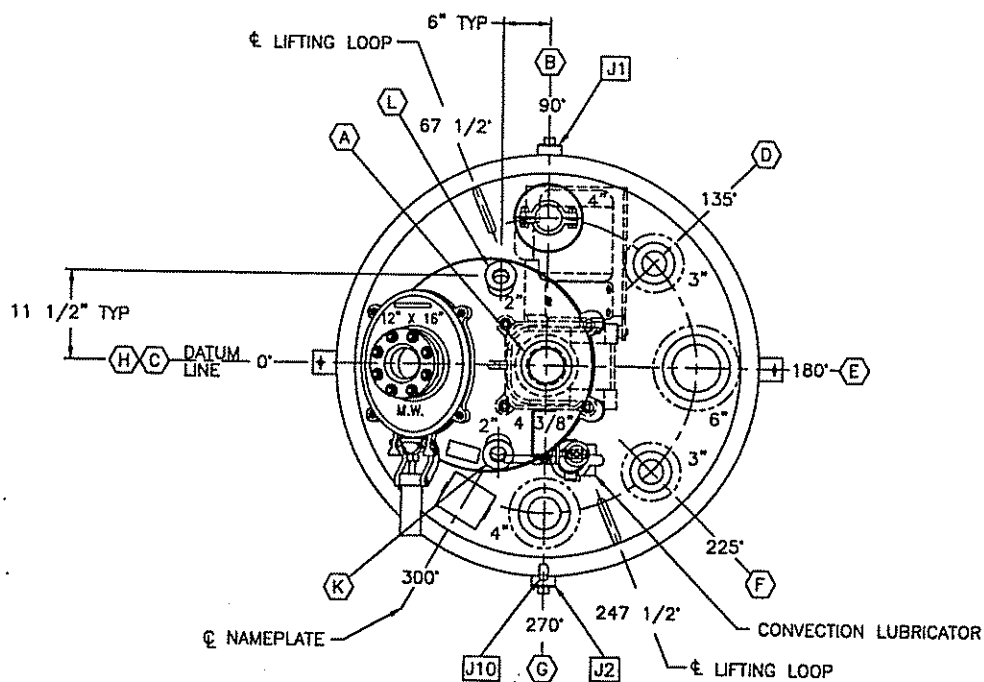




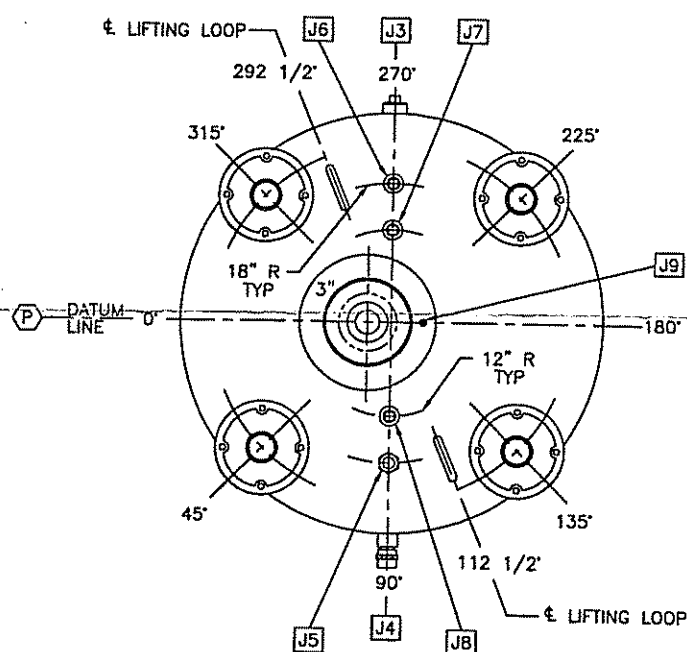
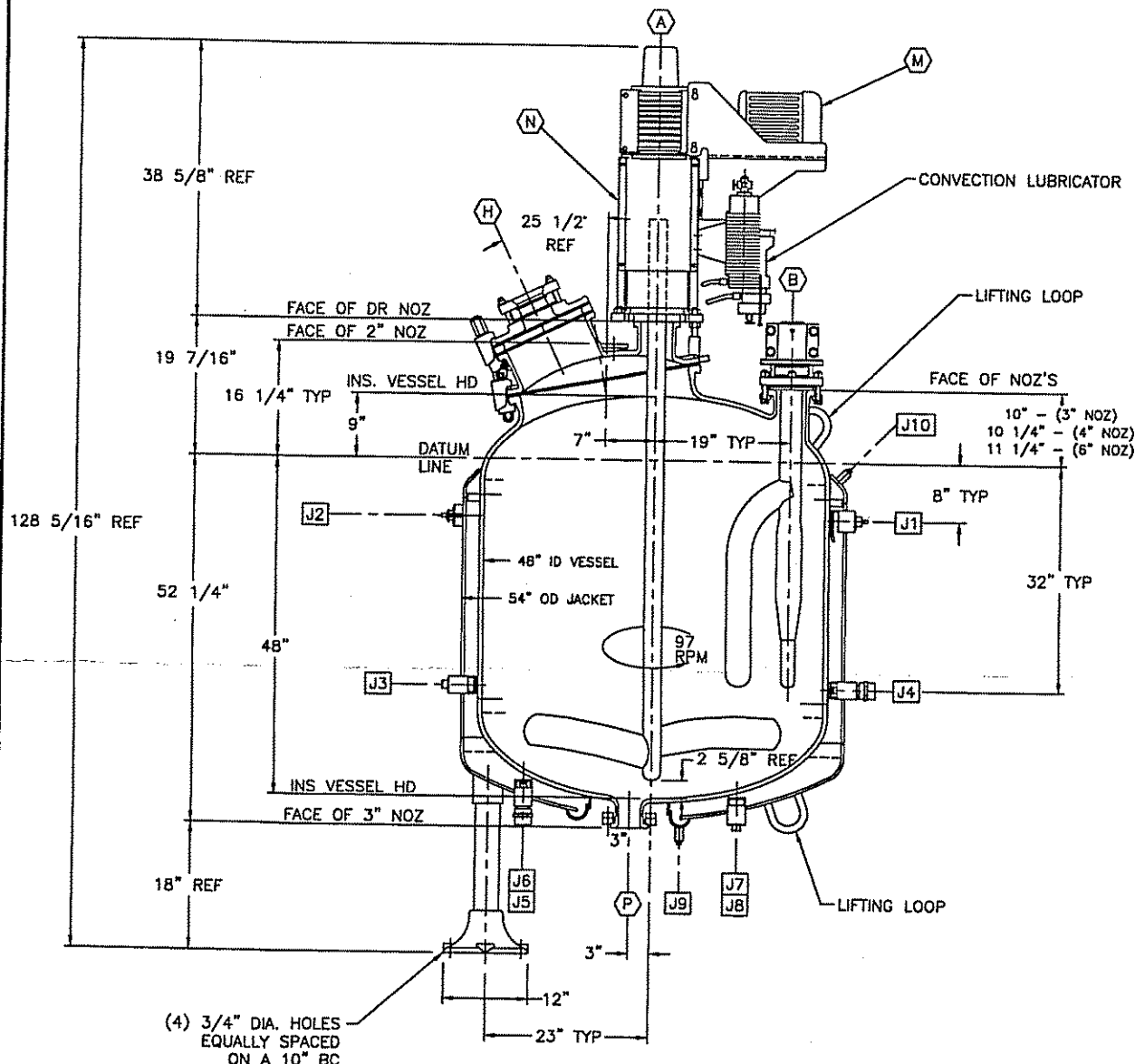
REF	SIZE	TYPE	DESCRIPTION
A	4 3/8\" CL150	SPLIT FLG	AGITATOR, 36\" DIA SPAN RCI
B	4\" CL150	SPLIT FLG	H-Baffle, W/ GUIDE & STUFFING BOX, .765\" ID X 6\" LG. INTEGRAL RESTRICTED TIP
C	24\"	\"J\" BOLT	COVER ASSY, GL
D	3\" CL150	SPLIT FLG	PROCESS INLET
E	6\" CL150	SPLIT FLG	PROCESS INLET
F	3\" CL150	SPLIT FLG	PROCESS INLET
G	4\" CL150	SPLIT FLG	PROCESS INLET
H	12\" x 16\"	\"J\" BOLT	MANWAY, W/ 4\" 150# PAD MOUNTED SIGHT GLASS & PRO-RING AND STN. ST'L. SPRING ASSIST
K	2\" CL150	SPLIT FLG	PROCESS INLET
L	2\" CL150	SPLIT FLG	PROCESS INLET
M	---	---	MOTOR, 3 HP
N	---	---	DRIVE ASSY, 3525 SRW W/ DOUBLE MECH SEAL
P	3\" CL150	TH'D SPLIT FLG	BOTTOM OUTLET
J1	2\" 3000#	TH'D COUPLING	JACKET OVERFLOW W/ PLUG
J2	2\" 3000#	TH'D COUPLING	JACKET OVERFLOW W/ PLUG
J3	1 1/2\" 3000#	TH'D COUPLING	JACKET CONNECTION W/ PLUG
J4	1 1/2\" 3000#	TH'D COUPLING	JACKET CONNECTION W/ AGITATING NOZZLE
J5	1 1/2\" 3000#	TH'D COUPLING	JACKET CONNECTION W/ AGITATING NOZZLE
J6	1 1/2\" 3000#	TH'D COUPLING	JACKET CONNECTION W/ PLUG
J7	1 1/2\" 3000#	TH'D COUPLING	JACKET CONNECTION W/ PLUG
J8	1 1/2\" 3000#	TH'D COUPLING	JACKET CONNECTION W/ PLUG
J9	1/2\" 3000#	TH'D COUPLING	JACKET DRAIN W/ PLUG
J10	1/2\" 3000#	TH'D COUPLING	JACKET VENT W/ PLUG

SEE PFAUDLER ORDER SPEC DATA SHEET FOR COMPLETE COMPONENT DESCRIPTION

NOTES:

- 1.) PRESSURE RELIEF DEVICE(S) PER PAR. UG-125 OF ASME CODE, SECT VIII DIV 1, MUST BE PROVIDED AND INSTALLED BY CUSTOMER.
- 2.) SHIPPED LOOSE:
 - BOTTOM OUTLET FLANGE & GASKET
 - ALL PROCESS NOZZLE GASKETS
 - LEGS AND LEG BASES
 - PFAUDLER GEAR LUBE
- 3.) IN ORDER TO AVOID INJURY AND ASSURE THE SAFE OPERATION OF ALL PFAUDLER VESSELS, NO VESSEL SHOULD BE OPERATED WITHOUT ALL OPENINGS AND PASSAGEWAYS SECURELY CLOSED. IN CASES WHERE THE TOP HEAD OF THE VESSEL HAS BEEN REMOVED, THE OPENING SHOULD BE SECURED BY A SUITABLE COVER WHILE THE VESSEL IS IN OPERATION. ALL PERSONS OPERATING A PFAUDLER VESSEL SHOULD HAVE PRIOR INSTRUCTION IN THE PROPER USE OF THE VESSEL DURING OPERATION.
- 4.) EXTERIOR COATING/FINISH:
 - △ REACTOR & 24\" ACCESS COVER - SC2001 HALAR COATING (LIGHT GRAY).
 - ALL OTHER C. ST'L. SURFACES TO BE COATED AMERLOCK EPOXY 400 BL-5 (HORIZON BLUE).
 - 12\" X 16\" MANWAY 316L STN. ST'L., GLASS. BEAD BLAST TO A MATTE FINISH.
- 5.) INTERIOR LINING:
 - REACTOR-9115 DARK BLUE GLASTEEL, FACTORY TESTED AT 15,000 VOLTS.
 - 12\" X 16\" MANWAY AND PROTECTION RING SC-7005 PFA.

- △ 6.) SERIAL #, CUST. ORDER #, & TAG # AS FOLLOWS:
- | S/N | CUST. ORDER NO. | PFAUDLER ORDER NO. |
|---------|-----------------|--------------------|
| J048436 | GBP-4500019252 | R002859 |
| J049751 | GBP-4450004712 | R002989 |
| J049752 | GBP-4450004712 | R002989 |



BASE MATERIAL		
	VESSEL	JACKET
TOP HEAD	SA-516 GR 65	---
BOTTOM HEAD	SA-516 GR 65	SA-516 GR 70
SHELL	SA-516 GR 65	SA-516 GR 70
SEALER	---	SA-516 GR 70
THICKNESS		
	VESSEL	JACKET
TOP HEAD (MIN)	.625\" SE	---
BOTTOM HEAD (MIN)	.625\" SE	.375\" F&D
SHELL (NOM)	5/8\"	3/8\"
SEALER (MIN)	---	.375\"
DESIGN & INSPECTION		
SPECIFICATION	VESSEL	JACKET
ASME CODE DESIGN & STAMP	YES	YES
MAWP PSI	100/FV	100/100*
DESIGN TEMP (MAX.) °F	450	450
MIN DESIGN METAL TEMP °F	-20	-20
HYDROTEST PRESS PSI	100	115
RADIOGRAPH	NO	NO
CORROSION ALLOWANCE	NONE	NONE

* WITH FULL VACUUM IN VESSEL
 SEE OPERATING LIMITATIONS, INSTALLATION & MAINTENANCE INSTRUCTIONS IMB1-100
 FOR INSTALLATION IN AREAS SUBJECT TO NO WIND LOADS AND SEISMIC ZONE 3 (UBC)
 SPECIFIC GRAVITY OF VESSEL CONTENTS NOT TO EXCEED 1.2
 FV = FULL VACUUM

CUSTOMER: PROCTER & GAMBLE
 ADDRESS: CINCINNATI, OH
 CONSIGNEE: PROCTER & GAMBLE PHARMACEUTICAL
 ADDRESS: MANATI, PR
 CUST. ORDER NO.: GBP-4500019252
 CUST. TAG NO.:

TITLE: RA48-300-100-100
 300 GALLON
 48\" ID X 33\" STR SIDE

PFAUDLER
 Pfaudler Inc. Rochester, NY

DRAWING NO. R021033 SHEET 1 REV D

VESSEL AND/OR JACKET COMPONENTS WELDED IN ACCORDANCE WITH WELD PROCEDURES IN SECTION D-2-1.1 OF THE PSA & ROCHESTER WELDING MANUAL
 UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES
 DESIGNED IN ACCORDANCE WITH SECTION VIII DIV. 1 OF THE ASME CODE INCLUDING REQUIREMENTS FOR GLASS-LINED VESSELS, & IF APPLICABLE, CUSTOMER SPEC'S, WITH PFAUDLER EXCEPTIONS
 UNLESS OTHERWISE SPEC., ALL TANK NOZ. FURNISHED WITH SPLIT FLG'S (ASME B16.5 DRILLING) WORK FROM DIMENSIONS - DO NOT SCALE - SEE PLAN VIEW & BOTTOM VIEW FOR ORIENTATION
 THIS DOCUMENT IS THE PROPERTY OF PFAUDLER, INC. IT IS TO BE USED ONLY FOR THE PURPOSE FOR WHICH IT WAS LENT AND MUST NOT BE REPRODUCED WITHOUT WRITTEN PERMISSION OR USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF THIS COMPANY. IT IS SUBJECT TO RETURN UPON REQUEST

LT#	REVISION	APP	DATE
A	APPROVED PER CUSTOMER 12/6/01	BAK	12/10/01
B	REVISED NOTE #4: ECH-B605	JG	1/8/02
C	ADDED HANDLING TIME FOR HALAR PROCESS		
D	PER ECH BASIS	JG	1/17/02
E	ADDED JOBS PER ECH 8772	JG	3/22/02

VESSEL FINISH & ACCESSORY MATERIALS		DRAWN	DATE
VESSEL	SEE NOTE 5	BAJ	11/26/01
ACCESS.	SEE ORDER SPEC DATA SHEET	BA / MJM	11/27/01
PLUGS	NONE (PLUG FREE)	APPROVED	B. AVANT 11/27/01
CEMENT	NONE	SCALE	1\" = 1'-0\"
GASKETS	CR STYLE NS	USED ON	
PAINT	SYSTEM CSA PER DS61-200	REF.	
	SEE NOTE 4	ORDER NO.	SEE NOTE 6
CAP. RATED	300 GAL.	JOB NO.	SEE NOTE 6
CAP. FULL	380 GAL.	ITEM NO.	
WT. UNJKT'D	2,300 LBS.		
WT. JKT'D	3,330 LBS.		
WT./ACC'S.	4,580 LBS.		

R021033