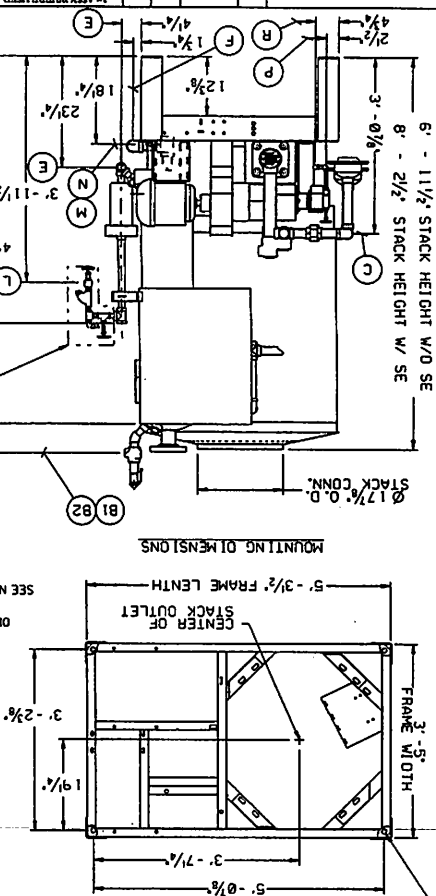
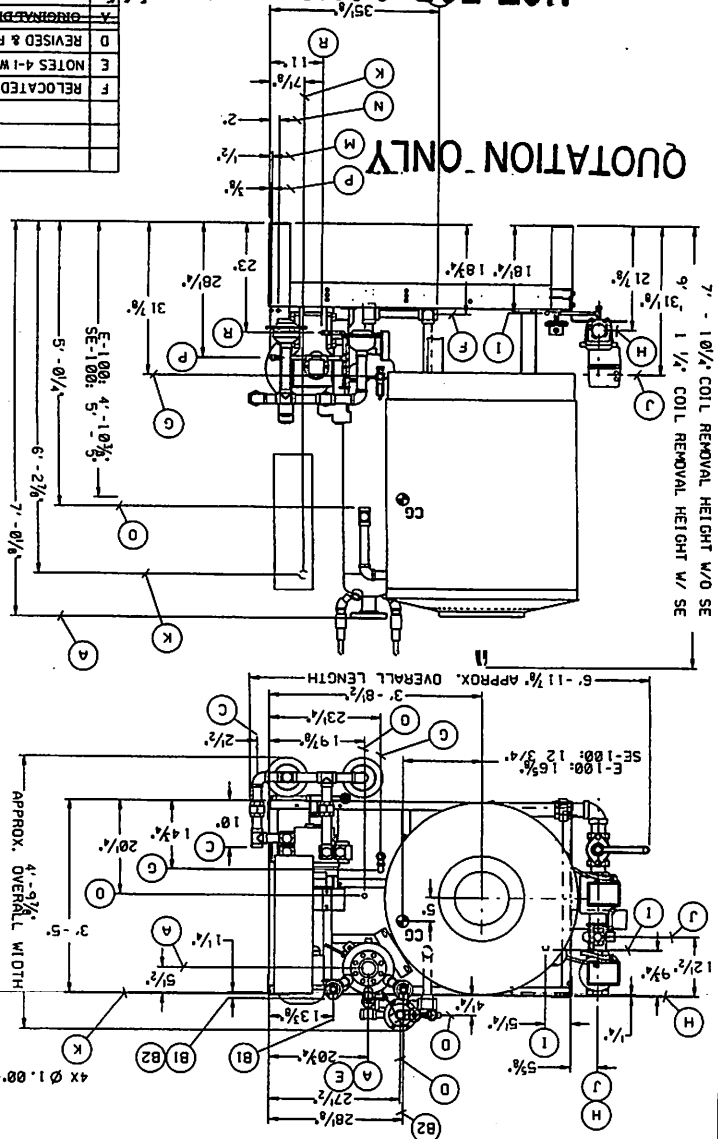


NOT FOR CONSTRUCTION

QUOTATION ONLY



FOR MATING ALLOWANCE AND FINISH AND GENERAL MANUFACTURING TOLERANCES NOT SPECIFIED ON THIS DRAWING, SEE END ORDER BO-149			
DO NOT SCALE PRINT			
REV	DATE	BY	CHK
A	06/05/02	MB	BG
E	02/25/02	MP	RY
D	09/14/01	MP	RY
C	09/14/01	MP	RY
B	09/14/01	MP	RY
A	09/14/01	MP	RY
ORIGINAL DRAWING			
REVISION			
REVISED & REDRAWN			
NOTES 4-1 WAS 3200-A-2 WAS 4185			
RELOCATED CONNECTION F			
FRACTION 1/16"			
NONE			
FINISH SPECIFICATION			
ADDITIONAL 1/16"			
R-12844			
NO PTFC			
REV LTR			
1/16"			
SIZE			
R-12463			
C			

CUSTOMER CONNECTIONS	
A	2 1/2" 300" A.F. R.C.
B1	125 PSI 1 1/2" FPT
B2	150-200 PSI 1 1/2" FPT
C	250-500 PSI 1 1/2" FPT
D	25 PSI 1 1/4" FPT
E	25 PSI 1 1/4" FPT
F	25 PSI 1 1/4" FPT
G	25 PSI 1 1/4" FPT
H	25 PSI 1 1/4" FPT
I	25 PSI 1 1/4" FPT
J	25 PSI 1 1/4" FPT
K	25 PSI 1 1/4" FPT
L	25 PSI 1 1/4" FPT
M	25 PSI 1 1/4" FPT
N	25 PSI 1 1/4" FPT
O	25 PSI 1 1/4" FPT
P	25 PSI 1 1/4" FPT
Q	25 PSI 1 1/4" FPT
R	25 PSI 1 1/4" FPT
S	25 PSI 1 1/4" FPT
T	25 PSI 1 1/4" FPT
U	25 PSI 1 1/4" FPT
V	25 PSI 1 1/4" FPT
W	25 PSI 1 1/4" FPT
X	25 PSI 1 1/4" FPT
Y	25 PSI 1 1/4" FPT
Z	25 PSI 1 1/4" FPT
AA	25 PSI 1 1/4" FPT
AB	25 PSI 1 1/4" FPT
AC	25 PSI 1 1/4" FPT
AD	25 PSI 1 1/4" FPT
AE	25 PSI 1 1/4" FPT
AF	25 PSI 1 1/4" FPT
AG	25 PSI 1 1/4" FPT
AH	25 PSI 1 1/4" FPT
AI	25 PSI 1 1/4" FPT
AJ	25 PSI 1 1/4" FPT
AK	25 PSI 1 1/4" FPT
AL	25 PSI 1 1/4" FPT
AM	25 PSI 1 1/4" FPT
AN	25 PSI 1 1/4" FPT
AO	25 PSI 1 1/4" FPT
AP	25 PSI 1 1/4" FPT
AQ	25 PSI 1 1/4" FPT
AR	25 PSI 1 1/4" FPT
AS	25 PSI 1 1/4" FPT
AT	25 PSI 1 1/4" FPT
AU	25 PSI 1 1/4" FPT
AV	25 PSI 1 1/4" FPT
AW	25 PSI 1 1/4" FPT
AX	25 PSI 1 1/4" FPT
AY	25 PSI 1 1/4" FPT
AZ	25 PSI 1 1/4" FPT
BA	25 PSI 1 1/4" FPT
BB	25 PSI 1 1/4" FPT
BC	25 PSI 1 1/4" FPT
BD	25 PSI 1 1/4" FPT
BE	25 PSI 1 1/4" FPT
BF	25 PSI 1 1/4" FPT
BG	25 PSI 1 1/4" FPT
BH	25 PSI 1 1/4" FPT
BI	25 PSI 1 1/4" FPT
BJ	25 PSI 1 1/4" FPT
BK	25 PSI 1 1/4" FPT
BL	25 PSI 1 1/4" FPT
BM	25 PSI 1 1/4" FPT
BN	25 PSI 1 1/4" FPT
BO	25 PSI 1 1/4" FPT
BP	25 PSI 1 1/4" FPT
BQ	25 PSI 1 1/4" FPT
BR	25 PSI 1 1/4" FPT
BS	25 PSI 1 1/4" FPT
BT	25 PSI 1 1/4" FPT
BU	25 PSI 1 1/4" FPT
BV	25 PSI 1 1/4" FPT
BW	25 PSI 1 1/4" FPT
BX	25 PSI 1 1/4" FPT
BY	25 PSI 1 1/4" FPT
BZ	25 PSI 1 1/4" FPT
CA	25 PSI 1 1/4" FPT
CB	25 PSI 1 1/4" FPT
CC	25 PSI 1 1/4" FPT
CD	25 PSI 1 1/4" FPT
CE	25 PSI 1 1/4" FPT
CF	25 PSI 1 1/4" FPT
CG	25 PSI 1 1/4" FPT
CH	25 PSI 1 1/4" FPT
CI	25 PSI 1 1/4" FPT
CJ	25 PSI 1 1/4" FPT
CK	25 PSI 1 1/4" FPT
CL	25 PSI 1 1/4" FPT
CM	25 PSI 1 1/4" FPT
CN	25 PSI 1 1/4" FPT
CO	25 PSI 1 1/4" FPT
CP	25 PSI 1 1/4" FPT
CQ	25 PSI 1 1/4" FPT
CR	25 PSI 1 1/4" FPT
CS	25 PSI 1 1/4" FPT
CT	25 PSI 1 1/4" FPT
CU	25 PSI 1 1/4" FPT
CV	25 PSI 1 1/4" FPT
CW	25 PSI 1 1/4" FPT
CX	25 PSI 1 1/4" FPT
CY	25 PSI 1 1/4" FPT
CZ	25 PSI 1 1/4" FPT
DA	25 PSI 1 1/4" FPT
DB	25 PSI 1 1/4" FPT
DC	25 PSI 1 1/4" FPT
DD	25 PSI 1 1/4" FPT
DE	25 PSI 1 1/4" FPT
DF	25 PSI 1 1/4" FPT
DG	25 PSI 1 1/4" FPT
DH	25 PSI 1 1/4" FPT
DI	25 PSI 1 1/4" FPT
DJ	25 PSI 1 1/4" FPT
DK	25 PSI 1 1/4" FPT
DL	25 PSI 1 1/4" FPT
DM	25 PSI 1 1/4" FPT
DN	25 PSI 1 1/4" FPT
DO	25 PSI 1 1/4" FPT
DP	25 PSI 1 1/4" FPT
DQ	25 PSI 1 1/4" FPT
DR	25 PSI 1 1/4" FPT
DS	25 PSI 1 1/4" FPT
DT	25 PSI 1 1/4" FPT
DU	25 PSI 1 1/4" FPT
DV	25 PSI 1 1/4" FPT
DW	25 PSI 1 1/4" FPT
DX	25 PSI 1 1/4" FPT
DY	25 PSI 1 1/4" FPT
DZ	25 PSI 1 1/4" FPT
EA	25 PSI 1 1/4" FPT
EB	25 PSI 1 1/4" FPT
EC	25 PSI 1 1/4" FPT
ED	25 PSI 1 1/4" FPT
EE	25 PSI 1 1/4" FPT
EF	25 PSI 1 1/4" FPT
EG	25 PSI 1 1/4" FPT
EH	25 PSI 1 1/4" FPT
EI	25 PSI 1 1/4" FPT
EJ	25 PSI 1 1/4" FPT
EK	25 PSI 1 1/4" FPT
EL	25 PSI 1 1/4" FPT
EM	25 PSI 1 1/4" FPT
EN	25 PSI 1 1/4" FPT
EO	25 PSI 1 1/4" FPT
EP	25 PSI 1 1/4" FPT
EQ	25 PSI 1 1/4" FPT
ER	25 PSI 1 1/4" FPT
ES	25 PSI 1 1/4" FPT
ET	25 PSI 1 1/4" FPT
EU	25 PSI 1 1/4" FPT
EV	25 PSI 1 1/4" FPT
EW	25 PSI 1 1/4" FPT
EX	25 PSI 1 1/4" FPT
EY	25 PSI 1 1/4" FPT
EZ	25 PSI 1 1/4" FPT
FA	25 PSI 1 1/4" FPT
FB	25 PSI 1 1/4" FPT
FC	25 PSI 1 1/4" FPT
FD	25 PSI 1 1/4" FPT
FE	25 PSI 1 1/4" FPT
FF	25 PSI 1 1/4" FPT
FG	25 PSI 1 1/4" FPT
FH	25 PSI 1 1/4" FPT
FI	25 PSI 1 1/4" FPT
FJ	25 PSI 1 1/4" FPT
FK	25 PSI 1 1/4" FPT
FL	25 PSI 1 1/4" FPT
FM	25 PSI 1 1/4" FPT
FN	25 PSI 1 1/4" FPT
FO	25 PSI 1 1/4" FPT
FP	25 PSI 1 1/4" FPT
FQ	25 PSI 1 1/4" FPT
FR	25 PSI 1 1/4" FPT
FS	25 PSI 1 1/4" FPT
FT	25 PSI 1 1/4" FPT
FU	25 PSI 1 1/4" FPT
FV	25 PSI 1 1/4" FPT
FW	25 PSI 1 1/4" FPT
FX	25 PSI 1 1/4" FPT
FY	25 PSI 1 1/4" FPT
FZ	25 PSI 1 1/4" FPT
GA	25 PSI 1 1/4" FPT
GB	25 PSI 1 1/4" FPT
GC	25 PSI 1 1/4" FPT
GD	25 PSI 1 1/4" FPT
GE	25 PSI 1 1/4" FPT
GF	25 PSI 1 1/4" FPT
GG	25 PSI 1 1/4" FPT
GH	25 PSI 1 1/4" FPT
GI	25 PSI 1 1/4" FPT
GJ	25 PSI 1 1/4" FPT
GK	25 PSI 1 1/4" FPT
GL	25 PSI 1 1/4" FPT
GM	25 PSI 1 1/4" FPT
GN	25 PSI 1 1/4" FPT
GO	25 PSI 1 1/4" FPT
GP	25 PSI 1 1/4" FPT
GQ	25 PSI 1 1/4" FPT
GR	25 PSI 1 1/4" FPT
GS	25 PSI 1 1/4" FPT
GT	25 PSI 1 1/4" FPT
GU	25 PSI 1 1/4" FPT
GV	25 PSI 1 1/4" FPT
GW	25 PSI 1 1/4" FPT
GX	25 PSI 1 1/4" FPT
GY	25 PSI 1 1/4" FPT
GZ	25 PSI 1 1/4" FPT
HA	25 PSI 1 1/4" FPT
HB	25 PSI 1 1/4" FPT
HC	25 PSI 1 1/4" FPT
HD	25 PSI 1 1/4" FPT
HE	25 PSI 1 1/4" FPT
HF	25 PSI 1 1/4" FPT
HG	25 PSI 1 1/4" FPT
HH	25 PSI 1 1/4" FPT
HI	25 PSI 1 1/4" FPT
HJ	25 PSI 1 1/4" FPT
HK	25 PSI 1 1/4" FPT
HL	25 PSI 1 1/4" FPT
HM	25 PSI 1 1/4" FPT
HN	25 PSI 1 1/4" FPT
HO	25 PSI 1 1/4" FPT
HP	25 PSI 1 1/4" FPT
HQ	25 PSI 1 1/4" FPT
HR	25 PSI 1 1/4" FPT
HS	25 PSI 1 1/4" FPT
HT	25 PSI 1 1/4" FPT
HU	25 PSI 1 1/4" FPT
HV	25 PSI 1 1/4" FPT
HW	25 PSI 1 1/4" FPT
HX	25 PSI 1 1/4" FPT
HY	25 PSI 1 1/4" FPT
HZ	25 PSI 1 1/4" FPT
IA	25 PSI 1 1/4" FPT
IB	25 PSI 1 1/4" FPT
IC	25 PSI 1 1/4" FPT
ID	25 PSI 1 1/4" FPT
IE	25 PSI 1 1/4" FPT
IF	25 PSI 1 1/4" FPT
IG	25 PSI 1 1/4" FPT
IH	25 PSI 1 1/4" FPT
II	25 PSI 1 1/4" FPT
IJ	25 PSI 1 1/4" FPT
IK	25 PSI 1 1/4" FPT
IL	25 PSI 1 1/4" FPT
IM	25 PSI 1 1/4" FPT
IN	25 PSI 1 1/4" FPT
IO	25 PSI 1 1/4" FPT
IP	25 PSI 1 1/4" FPT
IQ	25 PSI 1 1/4" FPT
IR	25 PSI 1 1/4" FPT
IS	25 PSI 1 1/4" FPT
IT	25 PSI 1 1/4" FPT
IU	25 PSI 1 1/4" FPT
IV	25 PSI 1 1/4" FPT
IW	25 PSI 1 1/4" FPT
IX	25 PSI 1 1/4" FPT
IY	25 PSI 1 1/4" FPT
IZ	25 PSI 1 1/4" FPT
JA	25 PSI 1 1/4" FPT
JB	25 PSI 1 1/4" FPT
JC	25 PSI 1 1/4" FPT
JD	25 PSI 1 1/4" FPT
JE	25 PSI 1 1/4" FPT
JF	25 PSI 1 1/4" FPT
JG	25 PSI 1 1/4" FPT
JH	25 PSI 1 1/4" FPT
JI	25 PSI 1 1/4" FPT
JJ	25 PSI 1 1/4" FPT
JK	25 PSI 1 1/4" FPT
JL	25 PSI 1 1/4" FPT
JM	25 PSI 1 1/4" FPT
JN	25 PSI 1 1/4" FPT
JO	25 PSI 1 1/4" FPT
JP	25 PSI 1 1/4" FPT
JQ	25 PSI 1 1/4" FPT
JR	25 PSI 1 1/4" FPT
JS	25 PSI 1 1/4" FPT
JT	25 PSI 1 1/4" FPT
JU	25 PSI 1 1/4" FPT
JV	25 PSI 1 1/4" FPT
JW	25 PSI 1 1/4" FPT
JX	25 PSI 1 1/4" FPT
JY	25 PSI 1 1/4" FPT
JZ	25 PSI 1 1/4" FPT
KA	25 PSI 1 1/4" FPT
KB	25 PSI 1 1/4" FPT
KC	25 PSI 1 1/4" FPT
KD	25 PSI 1 1/4" FPT
KE	25 PSI 1 1/4" FPT
KF	25 PSI 1 1/4" FPT
KG	25 PSI 1 1/4" FPT
KH	25 PSI 1 1/4" FPT
KI	25 PSI 1 1/4" FPT
KJ	25 PSI 1 1/4" FPT
KK	25 PSI 1 1/4" FPT
KL	25 PSI 1 1/4" FPT
KM	25 PSI 1 1/4" FPT
KN	25 PSI 1 1/4" FPT
KO	25 PSI 1 1/4" FPT
KP	25 PSI 1 1/4" FPT
KQ	25 PSI 1 1/4" FPT
KR	25 PSI 1 1/4" FPT
KS	25 PSI 1 1/4" FPT
KT	25 PSI 1 1/4" FPT
KU	25 PSI 1 1/4" FPT
KV	25 PSI 1 1/4" FPT
KW	25 PSI 1 1/4" FPT
KX	25 PSI 1 1/4" FPT
KY	25 PSI 1 1/4" FPT
KZ	25 PSI 1 1/4" FPT
LA	25 PSI 1 1/4" FPT
LB	25 PSI 1 1/4" FPT
LC	25 PSI 1 1/4" FPT
LD	25 PSI 1 1/4" FPT
LE	25 PSI 1 1/4" FPT
LF	25 PSI 1 1/4" FPT
LG	25 PSI 1 1/4" FPT
LH	25 PSI 1 1/4" FPT
LI	25 PSI 1 1/4" FPT
LJ	25 PSI 1 1/4" FPT
LK	25 PSI 1 1/4" FPT
LL	25 PSI 1 1/4" FPT
LM	25 PSI 1 1/4" FPT
LN	25 PSI 1 1/4" FPT
LO	25 PSI 1 1/4" FPT
LP	25 PSI 1 1/4" FPT
LQ	25 PSI 1 1/4" FPT
LR	25 PSI 1 1/4" FPT
LS	25 PSI 1 1/4" FPT
LT	25 PSI 1 1/4" FPT
LU	25 PSI 1 1/4" FPT
LV	25 PSI 1 1/4" FPT
LW	25 PSI 1 1/4" FPT
LX	25 PSI 1 1/4" FPT
LY	25 PSI 1 1/4" FPT
LZ	25 PSI 1 1/4" FPT
MA	25 PSI 1 1/4" FPT
MB	25 PSI 1 1/4" FPT
MC	25 PSI 1 1/4" FPT
MD	25 PSI 1 1/4" FPT
ME	25 PSI 1 1/4" FPT
MF	25 PSI 1 1/4" FPT
MG	25 PSI 1 1/4" FPT
MH	25 PSI 1 1/4" FPT
MI	25 PSI 1 1/4" FPT
MJ	25 PSI 1 1/4" FPT
MK	25 PSI 1 1/4" FPT
ML	25 PSI 1 1/4" FPT
MM	25 PSI 1 1/4" FPT
MN	25 PSI 1 1/4" FPT
MO	25 PSI 1 1/4" FPT
MP	25 PSI 1 1/4" FPT
MQ	25 PSI 1 1/4" FPT
MR	25 PSI 1 1/4" FPT
MS	25 PSI 1 1/4" FPT
MT	25 PSI 1 1/4" FPT
MU	25 PSI 1 1/4" FPT
MV	25 PSI 1 1/4" FPT
MW	25 PSI 1 1/4" FPT
MX	25 PSI 1 1/4" FPT
MY	25 PSI 1 1/4" FPT
MZ	25 PSI 1 1/4" FPT
NA	25 PSI 1 1/4" FPT
NB	25 PSI 1 1/4" FPT
NC	25 PSI 1 1/4" FPT
ND	25 PSI 1 1/4" FPT
NE	25 PSI 1 1/4" FPT
NF	25 PSI 1 1/4" FPT
NG	25 PSI 1 1/4" FPT
NH	25 PSI 1 1/4" FPT
NI	25 PSI 1 1/4" FPT
NJ	25 PSI 1 1/4" FPT
NK	25 PSI 1 1/4" FPT
NL	25 PSI 1 1/4" FPT
NM	25 PSI 1 1/4" FPT
NN	25 PSI 1 1/4" FPT
NO	25 PSI 1 1/4" FPT
NP	25 PSI 1 1/4" FPT
NQ	25 PSI 1 1/4" FPT
NR	25 PSI 1 1/4" FPT
NS	25 PSI 1 1/4" FPT
NT	25 PSI 1 1/4" FPT
NU	25 PSI 1 1/4" FPT
NV	25 PSI 1 1/4" FPT
NW	25 PSI 1 1/4" FPT
NX	25 PSI 1 1/4" FPT
NY	25 PSI 1 1/4" FPT
NZ	25 PSI 1 1/4" FPT
OA	25 PSI 1 1/4" FPT
OB	25 PSI 1 1/4" FPT
OC	25 PSI 1 1/4" FPT
OD	25 PSI 1 1/4" FPT
OE	25 PSI 1 1/4" FPT
OF	25 PSI 1 1/4" FPT
OG	25 PSI 1 1/4" FPT
OH	25 PSI 1 1/4" FPT
OI	25 PSI 1 1/4" FPT
OJ	25 PSI 1 1/4" FPT
OK	25 PSI 1 1/4" FPT
OL	25 PSI 1 1/4" FPT
OM	25 PSI 1 1/4" FPT
ON	25 PSI 1 1/4" FPT
OO	25 PSI 1 1/4" FPT
OP	25 PSI 1 1/4" FPT
OQ	25 PSI 1 1/4" FPT
OR	25 PSI 1 1/4" FPT
OS	25 PSI 1 1/4" FPT
OT	25 PSI 1 1/4" FPT
OU	25 PSI 1 1/4" FPT
OV	25 PSI 1 1/4"