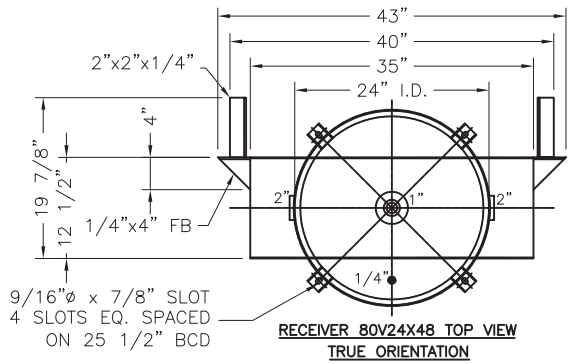
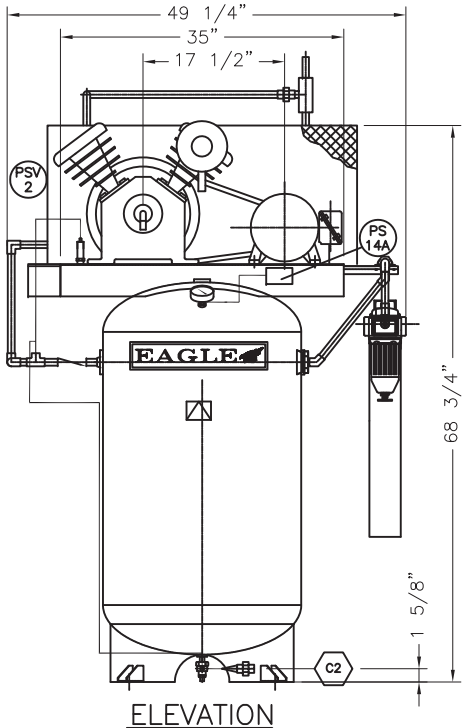
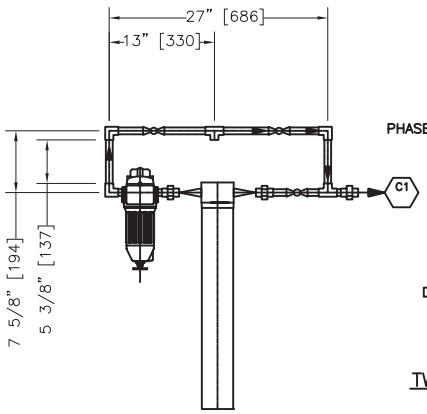
DO NOT SCALE DRAWING

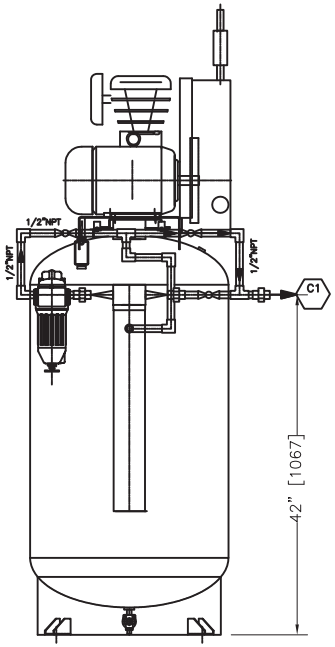


RECEIVER 80V24X48 TOP VIEW
TRUE ORIENTATION



ELEVATION





SIDE VIEW

M–602
COMPRESSOR DRIVE MOTOR

HORSEPOWER:	5.0
RPM:	1800
ENCLOSURE:	TEXP
FRAME SIZE:	184T
PHASE/HERTZ/VOLTS:	3/60/230–460

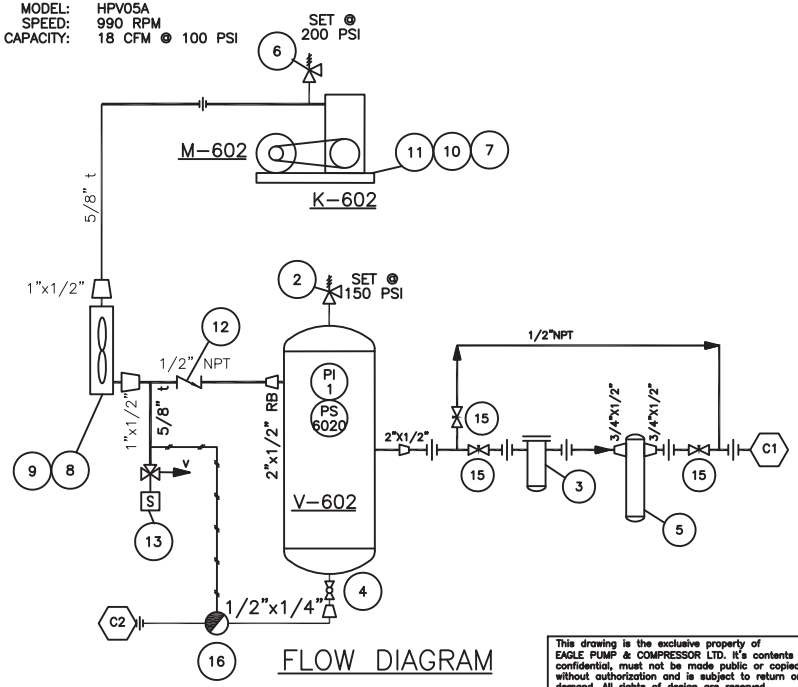
V–602
WET AIR RECEIVER

DESCRIPTION:	VERTICAL AIR RECEIVER
SIZE:	24"øX 46"
CAPACITY:	80 GALLON
CRN#:	M2347.5C
DESIGN PRESS.:	200 PSI
DESIGN TEMP.:	450°F

K–602
TWO STAGE AIR COMPRESSOR

MAKE:	EAGLE
MODEL:	HPV05A
SPEED:	990 RPM
CAPACITY:	18 CFM @ 100 PSI

FOR REFERENCE ONLY



FLOW DIAGRAM

ITEM	QTY.	PART #	DESCRIPTION
1	1	GL2.5x200BAKM	WIKA PRESSURE GUAGE 0–200 DUAL SCALE, LIQ. FILLED
2	1	PSV1/2–150NP	1/2" NICKLE PLATED PSV SET @ 150 PSI
3	1	DF20–B–4–DP	DELTECH GRADE B FILTER 1/2" NPT
4	1	NB90T 1/4	NAVCO BALL VALVE 1/4" NPT
5	1	DMD6–6	DELTECH MEMBRANE AIR DRYER
6	1	PSV1/2–200NP	1/2" NICKLE PLATED PSV SET@ 200 PSI
7	2	A73	V–BELT FOR 5 HP
8	1	SM–CORES/CAB	SMALL AFTER COOLER c/w BELT GUARD
9	1	SM	BELT GUARD AFTER COOLER
10	1	2MAL92/QT–1 1/8	SHEAVE/BUSHING 1–1/8"
11	1	184T	SLIDE BASE FOR MOTOR
12	1	CV–1/2	1/2" NPT TEFLON PISTON CHECK VALVE
13	1	DRSOLENOID	SOLENOID VALVE 120VAC
14	1	6900GE18	1/2"NPT CCS DUAL SNAP PRESS. SWITCH NEMA 7 @ 90–110PSI
15	3	NV–WN1314	1/2" NPT NEEDLE VALVE
16	1	WV–1	AIR ACTIVATED AUTO DRAIN

NOTES: 1) CLEAN PER SSPC–SP3
2) PAINT – 1 COAT PRIMER
1 COAT ENAMEL EAGLE STD COLORS

NOZZLE SCHEDULE

TAG	SIZE	RATING	TYPE	SERVICE
C1	1/2"	3000#	UNION	OUTLET
C2	1/2"	3000#	UNION	LIQUID DRAIN

PIPING SPEC
FABRICATED IN ACCORDANCE WITH INDUSTRY STANDARDS

SPEC	A2A	1 1/2" & SMALLER	PIPE: GALV A–106 Gr.B Sch.80 FITTINGS: GALV A–105 3000# FS.
		2" & LARGER	PIPE: A–106 Gr.B Sch.40 FITTINGS:
	A2A	1 1/2" & SMALLER	
		2" & LARGER	
	A3A	1 1/2" & SMALLER	
		2" & LARGER	
INSTRUMENTATION		TUBING	316 SS 0.035" WALL THICKNESS ASTM A269 TP
		TUBE FITTINGS	316 SS
		FERRULES	316 SS
PACKAGE WEIGHT / DIMENSIONS			APPROX. 450 LBS

NO.	REVISION	REV'D	M	D	Y	CHK'D.	M	D	Y
			REV. DATE				CHK'D. DATE		
C	REVISED AS BUILT	EP	11	01	13	NB	11	01	13
B	AS BUILT	RP	10	24	13	NB	10	24	13
A	ISSUED FOR FABRICATION	NB	10	21	13	BW	10	21	13

CUSTOMER

TITLE

INSTRUMENT AIR COMPRESSOR PACKAGE
GENERAL LAYOUT & FLOW DIAGRAM

7025 – 5th Street S.E.
CALGARY, ALBERTA
T2H 2G2
PH: (403)253–0100
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EAGLE PUMP & COMPRESSOR LTD.

P.O. NO.

DRWN. BY	DATE	M	D	Y
NB		10	21	13
CKD. BY	DATE	M	D	Y
BW		10	21	13
APV'D BY	DATE	M	D	Y

SCALE: NTS
REVISION: C
DWG. No.

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