



**P-760**  
 MAKE: VIKING  
 MODEL: G-4195  
 HP/RPM: 1HP/1150 RPM  
 208/230/460V/3PH/60HZ  
 TEFC  
 CLASS I, DIV II, ZONE 2,  
 GROUPS B,C & D  
 TEMP CODE T3

**C-760**  
 MAKE: GLOBAL HEAT TRANSFER  
 MODEL: AX16250  
 HP/RPM: 1/2 HP/ 3450 RPM  
 120V/1PH/60HZ  
 XP  
 CLASS I, DIV II, ZONE 2  
 GROUPS B,C & D  
 TEMP CODE T3

BILL OF MATERIALS			
MK	QTY	PART NUMBER	DESCRIPTION
600	0	PNL0001	PANEL MOUNTED BALL VALVE AND TEST TEE, 1/4", 316SS MFG: SWAGelok MODEL: SS-43G54 (QTY: 1, c/w PANEL)
610	1	LLC-500	CONTROLLER/SWITCH, OIL LEVEL, XP, UNIVERSAL MOUNT MFG: KENCO MODEL: KLCE-9
615	1	HEE-1129	HEAT EXCHANGER, 1"-FNPT, 6GPM, MAWP:250PSIG@250°F, 1 PASS, 3450RPM, 1/2HP, 120V/1PH/60HZ,TEXP, NEMA:56C MFG: GLOBAL HEAT TRANSFER MODEL: AX16 250
638	2	TI-1018	IND, TEMP, 0-250°F, 5"DIAL, 1/2"-NPT, 1/4" X 2-1/2", CBM, SS MFG: WIKA MODEL: 50025D006G4
640	1	PMP-1082	PUMP, GEAR, 1"-FNPT X 1"-FNPT, 6GPM@1150RPM, W/ MOTOR: ELECTRIC, 1HP, CL I DIV II, C/W BASEPLATE MFG: VIKING MODEL: C-4195
650	1	TCP-K403	THERMOCOUPLE,"K",1/2"NPT,1/4"ODX4" 316SS MFG: WESTERN GAUGE MODEL: 1K1BKU4ZZ3120FTA
653	3	TOW-275N	THERMOWELL, STRT, 3/4"MNPTx1/2"FNPT, 1.375"U, 0.26" ID, 2.75"OAL MFG: WESTERN GAUGE MODEL: 3/4-025-316
655	0	NPN	TRANSMITTER, PRESSURE, 0-800 PSIG, 4-20 MA OUTPUT, MFG: ROSEMOUNT, MODEL: 2051, (QTY: 1, C/W PANEL)
666	2	BVS-0025	VALVE, BALL, 1"-NPT, CL1500, FP, 3PCS, FL, NACE MFG: JAG MODEL: T3-F10T15N
667	2	BVS-0025	VALVE, BALL, 1"-NPT, CL1500, FP, 3PCS, FL, NACE MFG: JAG MODEL: T3-F10T15N
668	3	BV-1193	VALVE, BALL, 1/2"-FNPT, CL1500, BODY:A105N, SEAT:DELRI, TRIM:316 SS, FP, FLOATING, 3 PIECE THREADED, LOCKABLE LEVER, NACE MFG: JAG MODEL: T3-F05T15N
678	1	GTS-0014	VALVE, GATE, 1"-FNPT, CL800, SWEET MFG: NEWCO MODEL: 18T-FS2-RP-1"
680	1	NVSA-026F	VALVE, NEEDLE, 1/4" X 1/4", NPT, 6000#, SWT MFG: WESTERN GAUGE MODEL: WN1612PN
691	1	SCS-0014	VALVE, CHK, SWING, 1", FNPT, CL800, SWT MFG: NEWCO MODEL: 1.00-38T-FS2
700	1	FLT-1039	FILTER, ARIEL CYLINDER LUBE OIL, 5 MICRON MFG: ARIEL MODEL: G-24184

STANDARD TUBING SIZES	LINETYPE LEGEND	PNEUMATIC TERMINATIONS	INSTRUMENTATION TAGGING LEGEND	THIS DRAWING IS SOLE PROPERTY OF BIDELL EQUIPMENT AND SHALL NOT BE REPRODUCED, COPIED, LENT, ALTERED NOR USED FOR ANY PURPOSE OTHER THAN WHICH IT IS FURNISHED EXCEPT WITH THE WRITTEN PERMISSION OF BIDELL EQUIPMENT
*1/4" - 0.049"	PROCESS PIPING	I/A INSTRUMENT AIR	○ LOCAL MOUNTED DEVICE	<p style="text-align: center;"><b>AS BUILT</b></p> <p style="text-align: center; font-size: 2em;"><b>AS BUILT</b></p> <p style="text-align: center;">2015/10/09</p>
*3/8" - 0.049"	UTILITY PIPING	V/L VENT LOCALLY	○ PANEL MOUNTED DEVICE	
1/2" - 0.049"	SEAMLESS TUBING		○ OFF-SKID MOUNTED DEVICE	
3/4" - 0.065"	ELECTRICAL WIRING		◇ SIGNAL TO PANEL	
1" - 0.083"	INTERNAL LOGIC		◇ SIGNAL TO OFF-SKID	
*PER CLIENT SPEC	OEM SUPPLIED		◇ PANEL LOGIC	
ALL TUBING TO BE 316SS	ASSEMBLY BOUNDARY			
	BUILDING WALL			
	DRIVETRAIN			
	CUSTOMER SUPPLIED			
	EXISTING EQUIPMENT			

REV	DATE	CREATED	REVIEWED	APPROVED	DESCRIPTION
0	15-10-07	GW	TT	GM	AS BUILT

REVISIONS

MAIN SHOP / OFFICE 6900 - 112th AVENUE S.E. CALGARY, AB T2C 4Z1 PHONE: (403) 235-5877 FAX: (403) 272-7749	<b>BIDELL</b> GAS COMPRESSION	APEGA PERMIT NUMBER P08318
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COMPRESSOR OIL UTILITY FLOW DIAGRAM  
 WEG 350HP ELECTRIC/ARIEL JGR/2/AIR-X-LIMITED 96AEF

CUSTOMER: ENCANA c/o EQUINOX ENGINEERING  
 LOCATION: KAYBOB GAS PLANT PHASE 3 (DE-ETHANIZER) SHEET#: 1 OF 1  
 LSD: 15-31-062-21 W5M JOB#: 14-925

PAPER SIZE 11"x17"	SCALE NTS	DWC#	14-925-760	REV 0
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