

-----SPECIFICATION SHEET-----

CUSTOMER NATURAL GAS COMPRESSION DATE 08/13/2010  
 REFERENCE 3516LEAFRC-JGH/4 ITEM  
 MODEL UI-13-25 NUMBER REQUIRED: ONE  
 R&R SERIAL NUMBER: FILE: 08NG120.DOC

-----PERFORMANCE OF ONE UNIT-----

FLUID	EJW	TAW	IC1	IC2	AC
FLOW, LBM/HR	269874.	157200.	11600.	11486.	11384.
, GPM OR MMSCFD	525.200	301.092	4.506	4.448	4.396
PCT EG OR GAS SP.GR.	50.00	50.00	0.81	0.81	0.82
TEMPERATURE IN, DEG F	180.0	128.0	280.0	260.0	245.0
TEMPERATURE OUT, DEG F	165.0	122.0	120.0	120.0	120.0
INLET PRESSURE, PSIA	NOMINAL	NOMINAL	85.5	212.7	474.0
PRESSURE DROP, PSI.	6.0	7.1	3.9	4.4	1.9
DUTY, BTU/HR	3486120.	789360.	950174.	830433.	759419.
CORRECTED MTD, DEG F	45.6	13.0	51.8	46.5	45.0
BARE TUBE RATE	130.2	113.9	50.1	72.2	76.8
FOULING	0.00100	0.00100	0.00100	0.00100	0.00100
BARE TUBE SURF., SQ.FT.	586	534	367	247	219
TOTAL SURFACE, SQ.FT.	9383	11434	5865	5298	3518

-----CONSTRUCTION-----

NUMBER OF SECTIONS	1	1	1	1	1
TUBES/SECTION	144	82	90	38	54
LENGTH, FEET	25	25	25	25	25
ROWS - PASSES	4 - 1	4 - 2	5 - 1	4 - 2	4 - 1
TUBE O.D. AND BWG	0.625x16	1.000x16	0.625x16	1.000x16	0.625x16
TUBE MATERIAL	SA214	SA214	SA214	SA214	SA214
DESIGN PRESS., PSI.	150	150	200	250	550
DESIGN TEMP. DEG.F	300	300	330	330	330
NOZZLES	6"150#RF	3"150#RF	6"150#RF	4"300#RF	4"300#RF
HEADERS	CARBON STEEL, BOX TYPE WITH REMOVABLE PLUGS				
PLUG TYPE	TAPERED	SHOULDER	SHOULDER	SHOULDER	SHOULDER
PLUG MATERIAL	STEEL	STEEL	STEEL	STEEL	STEEL
FINS	ALUMINUM, ANGLE BASE, MECHANICALLY BONDED				
ASME CODE STAMP	NO	NO	YES	YES	YES
NATIONAL BOARD	NO	NO	YES	YES	YES
C.R.N.	NO	NO	NO	NO	NO
GROOVED TUBEHOLES	NO	YES	YES	YES	YES
CORROSION ALLOW., INCHES	0.000	0.000	0.000	0.000	0.000
SHUTTERS - MANUAL	NO	NO	YES	YES	YES

-----AIR DATA-----

INLET AIR, DEG F	105.0	ELEVATION, FEET	50.
OUTLET AIR, DEG F	130.2	TOTAL SCFM REQUIRED	248912.

-----MECHANICAL EQUIPMENT-----

FAN	CLASS 10000VT	DRIVE	DRIVER
NUMBER	ONE	V-BELT	TYPE
HP/FAN	78	SIZE	MAKE
RPM	290	NUMBER	SIZE
DIAMETER	156"	LARGE SHV.	HP/DRIVER
BLADES	10	SMALL SHV.	RPM
PITCH	14.6°@	CLEVIS	ENCLOSURE
MAKE	MOORE SER. 48	RATIO	
MATERIAL	ALUMINUM	AGMA HP	VOLTAGE
BORE		COUPLING	PHASE
ROTATION	LEFT		CYCLES
WEIGHT		REMARKS:	