FILTER DRYER

1	SERVICE	PROPANE FILTER/ DRYER				ITEM NO.	RU0001A-FT-01				
2	TYPE	HORIZONTAL				QUANTITY :	1				
3	SHELL ID :	4" SCH 40	TL.TL. :	205	mm	CAPACITY	SHELL :	0.0018	m^3		
4	JACKET ID :	-	TL.TL. :	-	mm		JACKET:	-	m^3		
5	WEIGHT	EMPTY: 23.5	OPERATING:	24.33	kg	INSTALLATION:	OUTDOOR				
6	DESIGN & TEST DATA						MATERIALS				
7			SHELL		JACKET				SHELL		JACKET
8	CODE & STD		NO CODE			SHELL			STPG 370		-
9	FLUID		PROPYLENE			CAP			S25C		-
10	TEMPERATURE	DESIGN	-45/120	ºC	- ºC	GIRTH FLG			-		-
11		OPERATING	48.4	ºC	- ºC	NOZZLE NECKS			SA 333 GR.6		-
12	PRESSURE	DESIGN	25.0	BarG	- BarG	NOZZLE FLANGE			SA 350 LF2 CL.1		-
13		OPERATING	18.9	BarG	- BarG	INTERNALS			S.S. 304		-
14		VACUUM	1.013	BarA	- BarG	INT PIPES			-		-
15	DENSITY @PT		520	kg/m^3	- kg/m^3	BOLTS / NUTS	NZL FLG		-		-
16	VISCOSITY @PT		0.1	cP	- cP		GIRTH FLG		-		-
17	CORROSION ALLOW.		1.0	mm	- mm		INT		-		-
18	VAC DESIGN		NO		-		EXT		SCM435		-
19	TEST	HYDRO	-	BarG	- BarG	GASKET	NZL FLG		T /#1991-NF		-
20		PNUEM LEAK	37.5	BarG	- BarG		GIRTH FLG		-		-
21		VACUUM	-	BarG	-		INT		-		-
22	POST WELD HEAT TREAT		-		-	LEG/PADS			-		-
23	RADIOGRAPHIC EXAM. (CYL/HD)		-		-	CLIPS/PADS			-		-
24	JOINT EFF (CYL/HD)		1.0		-	ANCHOR BOLT			-		-
25	WELDER'S QUALIF					LIFTING LUG/PAD			-		-
26	SEISMIC COEF		N/A			BLIND FLANGE			S25C		-
27	WIND LOAD		N/A								
28	TYPE OF HEAD		CAP / FLAT								
29	INSULATION (THK,AREA)		NO		- mm	REMARKS:					
30	SURFACE PREP EXT/INT		ST3/ -								
31	FIRE PROOFING		N/A								
32	PAINTING		AS PER PROJECT SPEC.								
33	ACCESS. & SPL PARTS		-								
34			COALESCER: 2 STAGES								
35											
36											
37	SPARE PARTS										
38	TOLERANCE										

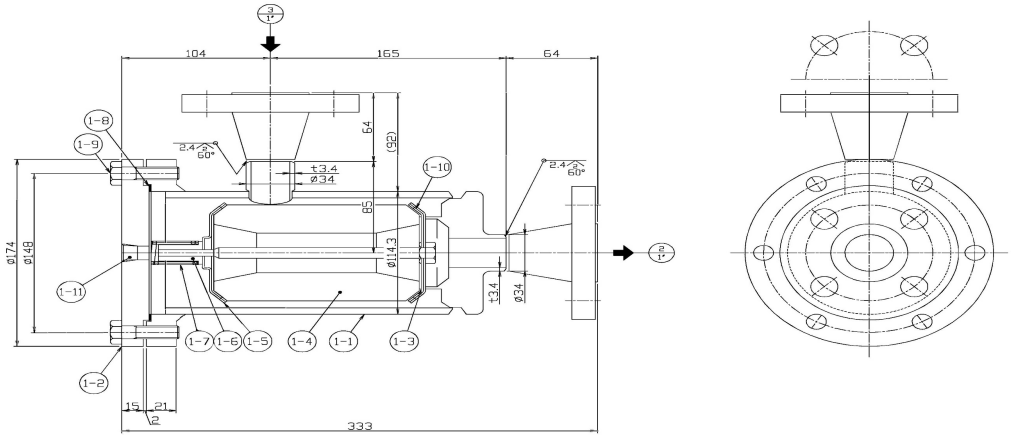
1- FILTER SHOUL BE FILLED WITH MOLECLAR SIEVE FOR DRYING PROPANE.

2- THE FILTER IS NOT DESIGNED FOR CATCHING DIRT BUT IS AS ALREADY INDICATED MOLECULAR SIEVE. FOR THIS REASON NO PRESSURE DROP IS TO BE CONSIDER.

3- WATER CONTENT:
IN INLET: = < 2 wt ppm
IN OUTLET: <1 ppm

4- PROPYLENE FLOW RATE IS 1.0 ~ 1.2 m3/h (JUST FOR STARTING UP THE PACKAGE).

NOZZELS & OPENINGS (per one shell)

MARK	NO.	SIZE	FLANGE RATING	FLANGE TYPE	FLANGE FACE	SERVICE
3	1	1"	ASME 300#	WN	RF	INLET
2	1	1"	ASME 300#	WN	RF	OUTLET
M	1	OD: 174 mm	-	-	-	COVER

SKETCH