

	DEHDASHT PETROCHEMICAL INDUSTRY COMPANY DEHDASHT HIGH DENSITY POLYETHYLENE PROJECT	
	DOCUMENT TITLE: Propylene Filter Dryer Data Sheet	POI: IFA
Contract No.: DPIC/98-12	DOCUMENT NUMBER: DPIC9812-000-VD-1002-ME-DS-0084	Rev. No.: D1

DOCUMENT TITLE:

**Propylene Filter Dryer Data Sheet
(F-PK6101-2)**

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PURCHASER'S COMMENT/APPROVAL STATUS					Purchaser: NARGAN
1	AP: Approved (Released for Manufacturing)				Requisition No.: DPIC98-12-001-000-ME-MR-4150-0001-D1
2	AN: Approved With Minor Comments (Fabrication may Proceed)				
3	NF: Approved With Comments (Fabrication not Proceed)				Item No. (Tag No.): PK-6101
4	RJ: Rejected				
5	NR: Not be Returned				Vendor Doc. No.: DPIC9812-000-VD-1002-ME-DS-0084-D1
Date:		15.01.2022	Signature: A.AB		
					
D1	18.Dec..21	R.Goudarzi	DR.A.Nejati	DR.A.Nejati	
D0	28.Nov..21	R.Goudarzi	DR.A.Nejati	DR.A.Nejati	
REV	DATE ISSUE	PREPARED	CHECKED	APPROVED	



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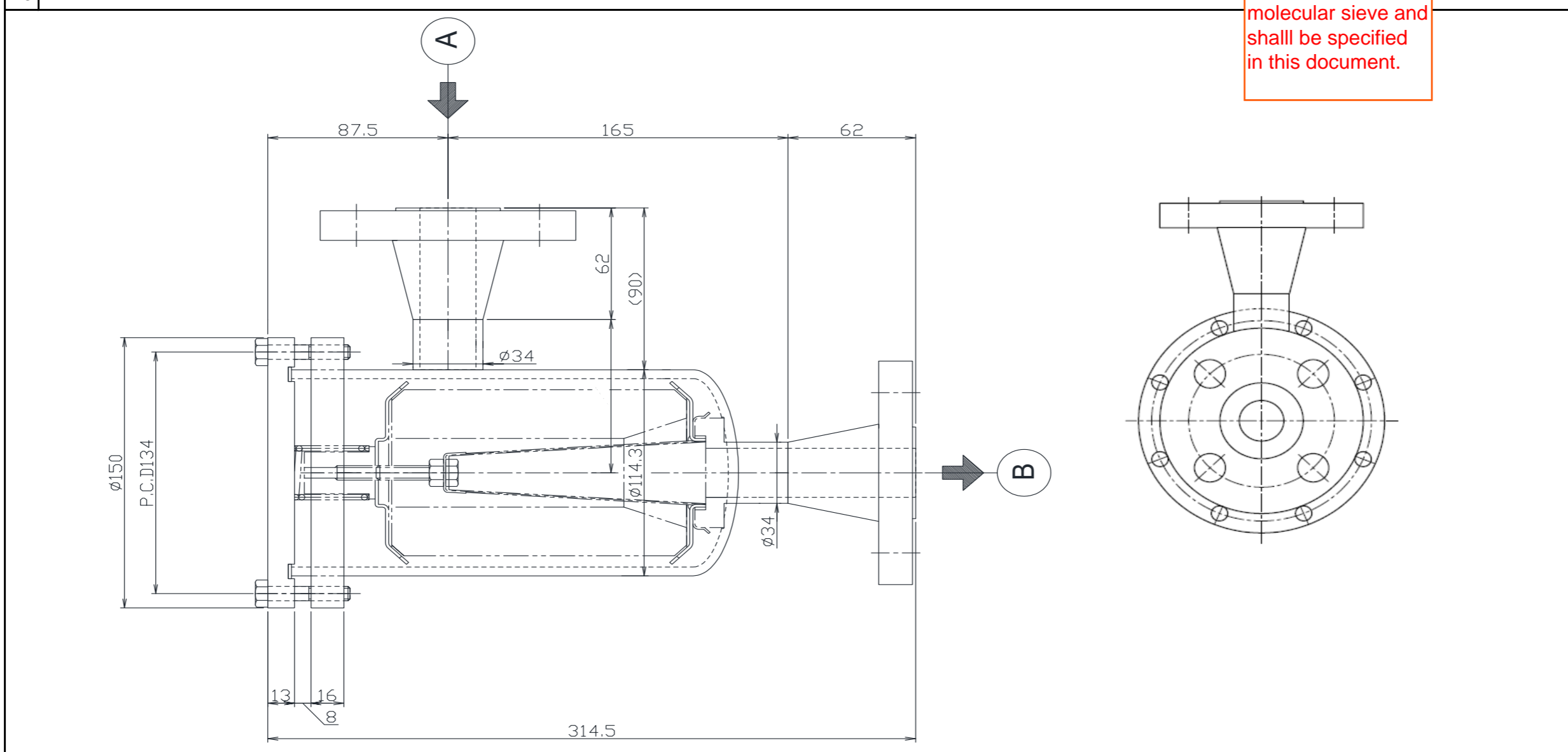
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FILTER DRYER										
1	SERVICE	PROPYLENE FILTER/ DRYER				ITEM NO.	F-PK6101-2			
2	TYPE	HORIZONTAL				QUANTITY :	1			
3	SHELL ID :	4" -SCH 40	TL.TL. :	195	mm	CAPACITY	SHELL :	1.6	m ³	
4	JACKET ID :	-	TL.TL. :	-	mm		JACKET:	-		
5	WEIGHT	EMPTY:	OPERATING:		kg	INSTALLATION:	OUTDOOR			
6	DESIGN & TEST DATA					MATERIALS				
7			SHELL			JACKET			SHELL	JACKET
8	CODE & STD	ASME SECT.VIII (NO STAMP)				SHELL	SA 333 GR.6		-	
9	FLUID	PROPYLENE				CAP	A420 WPL6		-	
10	TEMPERATURE	DESIGN	-45/135	°C	-	°C	GIRTH FLG	-		
11		OPERATING	48.5	°C	-	°C	NOZZLE NECKS	SA 333 GR.6		
12	PRESSURE	DESIGN	23.0	BarG	-	BarG	NOZZLE FLANGE	SA 350 LF2 CL.1		
13		OPERATING	18.6	BarG	-	BarG	INTERNALS	S.S. 304		
14		VACUUM	1.013	BarA	-	BarG	INT PIPES	-		
15	DENSITY @PT	461	kg/m ³	-	kg/m ³	BOLTS / NUTS	NZL FLG	-		
16	VISCOSITY @PT	0.06	cP	-	cP		GIRTH FLG	-		
17	CORROSION ALLOW.	3.0	mm	-	mm		INT	-		
18	VAC DESIGN	NO		-	-		EXT	A193Gr.B7/A194Gr.2H		
19	TEST	HYDRO	34.5	BarG	-	BarG	GASKET	NZL FLG	PTFE	
20		PNUEM LEAK	-	BarG	-	BarG		GIRTH FLG	-	
21		VACUUM	0.02	BarG	-	-		INT	-	
22	POST WELD HEAT TREAT	AS PER CODE				-	LEG/PADS	-		
23	RADIOGRAPHIC EXAM. (CYL/HD)	FULL				-	CLIPS/PADS	-		
24	JOINT EFF (CYL/HD)	1.0				-	ANCHOR BOLT	-		
25	WELDER'S QUALIF	Please specify the flowrate.				-	LIFTING LUG/PAD	-		
26	SEISMIC COEF	N/A				-	BLIND FLANGE	A516 GR.70		-
27	WIND LOAD	N/A				-				
28	TYPE OF HEAD	CAP / FLAT								
29	INSULATION (THK,AREA)	NO		-	mm	REMARKS:				
30	SURFACE PREP EXT/INT	ST3/ -				1- FILTER SHOULD BE FILLED WITH MOLECLAR SIEVE FOR DRYING PROPYLENE.				
31	FIRE PROOFING	N/A				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.				
32	PAINTING	AS PER PROJECT SPEC.								
33										
34	ACCESS. & SPL PARTS	COALESCER: 2 STAGES								
35										
36										
37	SPARE PARTS									
38	TOLERANCE									
39	NOZZELS & OPENINGS (per one shell)									
40	MARK	NO.	SIZE	FLANGE			SERVICE			
41				RATING	TYPE	FACE				
42	A	1	1"	ASME 300#	WN	RF	INLET			
43	B	1	1"	ASME 300#	WN	RF	OUTLET			
44	M	1	OD: 150 mm	-	-	-	COVEER			



please specify molecular sieve media and type

If this equipment perform as dryer so water content in inlet and outlet stream shall be specified as guarantee point. In addition allowable pressure drop is applicable for molecular sieve and shall be specified in this document.