

APPLICATION- AIR/ GAS

GRADE - XO/XA : HIGH EFFICIENCY FILTRATION
1 MICRON / 0.01 MICRON
GRADE - XR : GENERAL DUST FILTRATION 1 MICRON
GRADE - XCS : ACTIVATED CARBON FOR OIL RETENTION
DOWN TO 0.003 PPM *



**GRADES
XO / XA
XR / XCS/
XFPLS**

FILTER TYPES	Flow Rates @7Kg/cm ² g		PIPE SIZE B.S.P.	RATE IN Rs./Each		REPLACEMENT ELEMENT	
	Nm ³ /Hr	Scfm		GRADE		GRADE XO/XA/XCS/ XFPLS	RATE IN Rs./Each
				XO/XA/XR/ XFPLS	XCS		
(GRADE) 0006G	10	6	G1/8	3775/-	-	E 0006 (GRADE)	3695/-
(GRADE) 0019G	32	19	G1/4	6655/-	7050/-	E 0019 (GRADE)	3695/-
(GRADE) 0036G	61	36	G1/2	8165/-	8680/-	E 0036 (GRADE)	6010/-
(GRADE) 0064G	109	64	G1/2	12055/-	12320/-	E 0064 (GRADE)	6940/-
(GRADE) 0127G	216	127	G3/4	15740/-	16600/-	E 0127 (GRADE)	8630/-
(GRADE) 0170G	289	170	G1	18830/-	24555/-	E 0307 (GRADE)	11390/-
(GRADE) 0254G	432	254	G1.1/4	22490/-	26655/-	E 0307 (GRADE)	11390/-
(GRADE) 0307G	522	307	G1.1/2	26130/-	27430/-	E 0307 (GRADE)	11390/-
(GRADE) 0424G	720	424	G1.1/2	28595/-	29645/-	E 0466 (GRADE)	14310/-
(GRADE) 0466G	792	466	G2	34960/-	36180/-	E 0466 (GRADE)	14310/-
(GRADE) 0699G	1188	699	G2	47290/-	48590/-	E 0699 (GRADE)	20160/-
(GRADE) 0848G	1442	848	G2.1/2	56855/-	58175/-	E 0911 (GRADE)	33945/-
(GRADE) 0911G	1548	911	G3	60190/-	61490/-	E 0911 (GRADE)	33945/-
(GRADE) 1314G	2234	1314	G3	65175/-	66820/-	E 1314 (GRADE)	43330/-

Model Ordering Code Instruction

LP - 16 - 0019 - G - 02 - - XA - - DPI * will not remove Co & Co₂ or other toxic fumes

Type
LP - Low Pressure Filter
Flow Rate
0019 - 0019 SCFM
Max. Working Pressure
16 - 16 kg/cm²
G - Alu. Die Cast
Sizes
02 - G1/4
03 - G3/8
04 - G1/2
06 - G3/4
08 - G1
10 - G1 1/4
12 - G1 1/2
16 - G2
20 - G2 1/2
24 - G3
Connections
Blank - BSP
N - NPT
Drain
Blank - Auto Drain
PD - Manual Drain
Type
XO - General Purpose
XA - Oil Removal
XCS - Oil Vapour Adsorber
XFPLS - Dust Removal
DPI - I - Diff Press. Indicator
DPG1 - Diff.Press. Guage

For flowrates at other pressure, apply the correction factor shown:

Line Pressure	Kg/Cm ² g	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	20
Correction Factor		0.38	0.53	0.65	0.76	0.84	0.92	1.00	1.07	1.20	1.19	1.25	1.31	1.36	1.41	1.46	1.51	1.56	1.70

- NOTE : 1) Above prices are for complete filter consisting of Aluminium cast housing, with ProAir filter element, Auto drain and sight glass indicator, (Except model 0006G). For max Op. Pressure of 16 kg/cm²
 2) Activated carbon adsorber model XCS does not have auto drain & diff. Pressure gauge / indicator.(max 30 Degree C).
 3) Proceed XCS single stage filters with grade XA filter.
 4) Replacement element service kits include element, element 'o'ring, body 'o'ring and auto drain gasket.
 5) Consult the factory for your special requirements.

APPLICATION- AIR/GAS

COMBINATION OF GRADE XA AND XCS FOR GENERAL BREATHING AIR PROTECTION. AND OTHER CRITICAL APPLICATION.

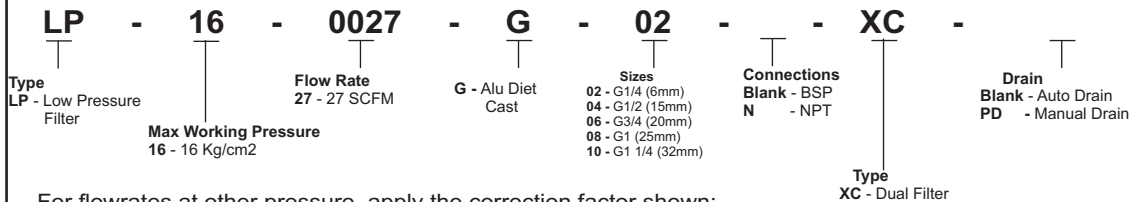


**GRADE
XC**

FILTER TYPES	Flow Rates @ 7 Kg/Cm ² g		PIPE SIZE BSPF	RATE IN Rs./Each	REPLACEMENT ELEMENT	
	Nm ³ /Hr	Scfm		GRADE - XC	GRADE XA/XC	RATE IN Rs./Each
XC-0013G	22	13	G1/4	10150/-	E 0019 XAU	3695/-
					E 0013 XC	5915/-
XC-0027G	47	27	G1/2	12845/-	E 0036 XAU	6010/-
					E 0027 XC	10480/-
XC-0053G	90	53	G1/2	19460/-	E 0064 XAU	6940/-
					E 0053 XC	10805/-
XC-0084G	144	84	G3/4	25640/-	E 0127 XAU	8630/-
					E 0084 XC	11460/-
XC-0136G	234	136	G1	33110/-	E 0307 XAU	11390/-
					E 0136 XC	17515/-
XC-0178G	306	178	G1.1/4	37715/-	E 0307 XAU	11390/-
					E 0178 XC	21585/-

Model Ordering Code Instruction

* Will not remove Co & Co₂ or other toxic gases OR fumes.



For flowrates at other pressure, apply the correction factor shown:

Line Pressure	Kg/Cm ² g	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	20
Correction Factor		0.38	0.53	0.65	0.76	0.84	0.92	1.00	1.07	1.20	1.19	1.25	1.31	1.36	1.41	1.46	1.51	1.56	1.70

- NOTE : 1) Above prices are for dual stage filter consisting of Aluminum cast housing, with ProAir filter elements top & bottom, Auto Drain and sight glass indicator for max. Op. Pressure of 16 kg/cm².
 2) Combination filter Model : XC does not have diff pressure indicator / gauge.
 3) Replacement Element service kits include - Element, Element 'O'Ring, Body 'O'Ring and drain gasket.
 4) Consult the factory for your special requirements.
 5) Recommended max. Op. Temp. 30 degree C.

APPLICATION

GRADE - XO/XA : HIGH EFFICIENCY FILTRATION
1 MICRON / 0.01 MICRON
GRADE - XR : GENERAL DUST FILTRATION 1 MICRON
GRADE - XCS : ACTIVATED CARBON ADSORBER FOR OIL
RETENTION DOWN TO 0.003 PPM

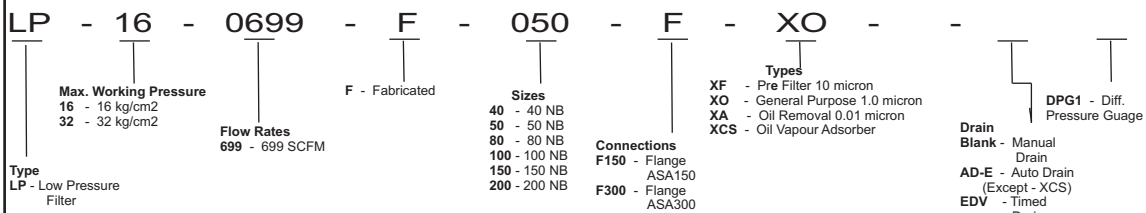


**GRADES
XF
XO / XA
XR / XCS**

FILTER TYPES	Flow Rates @7Kg/Cm ² g		PIPE SIZE in mm ANSI B16.5 150 lbs. SORF	RATE IN Rs./Each. XF/XO/XA/XR & XCS	Replacement Element		
	Nm ³ /hr	Scfm			GRADE XF/XO/XA/XCS	No. of ELEMENT	RATE Rs./Each
(GRADE) 424 F	720	424	NW 40	59565/-	E 0466 (GRADE)	1	14310/-
(GRADE) 699 F	1188	699	NW 50	68505/-	E 0699 (GRADE)	1	20160/-
(GRADE) 1314 F	2234	1314	NW 80	100975/-	E 1314 (GRADE)	1	43330/-
(GRADE) 2119 F	3602	2119	NW 100	149320/-	E 0699 (GRADE)	3	20160/-
(GRADE) 2755 F	4684	2755	NW 100	178120/-	E 0699 (GRADE)	4	20160/-
(GRADE) 4132 F	7025	4132	NW 150	238445/-	E 0699 (GRADE)	6	20160/-
(GRADE) 6886 F	5525	6886	NW 200	390830/-	E 0699 (GRADE)	10	20160/-
(GRADE) 11018 F	18730	11018	NW 250	658525/-	E 0699 (GRADE)	16	20160/-
(GRADE) 16527 F	28096	16527	NW 300	1029505/-	E 0699 (GRADE)	24	20160/-

* Will not remove Co & Co₂ or other toxic gases or fumes.

Model Ordering Code Instructions.



- NOTE : 1) Above prices are for complete filter consisting of Carbon Steel Housing, With ProAir Filter Element & Manual drain. Flange ANSI B16.5/150 lbs SORF Standard (for max op. pressure -16Kg/cm²).
- 2) Activated Carbon Adsorbers Model : XCS does not have auto drain & Diff. Pressure Gauges(max op. Temp.30 C).
- 3) All Carbon Steel fabricated pressure vessels are designed and manufactured in accordance with the good engineering practice.
- 4) Other flange options are available at extra cost please specify.
- 5) Hydraulic pressure test certificate can be supplied on request.
- 6) Non destructive testing of vessels will be charged at extra cost.
- 7) Radiography charges and stress relieving (Normalising) charges if requested are charged at extra cost.
- 8) Material test certificates, special inspection and hydraulic pressure test certificates and any other documentation can be supplied if requested at the time of placing orders and will be charged extra per piece and can be shared by two or more orders together.
- 9) Unless otherwise specified all housings are electrostatic powder coated.
- 10) Consult the factory for your special requirements.