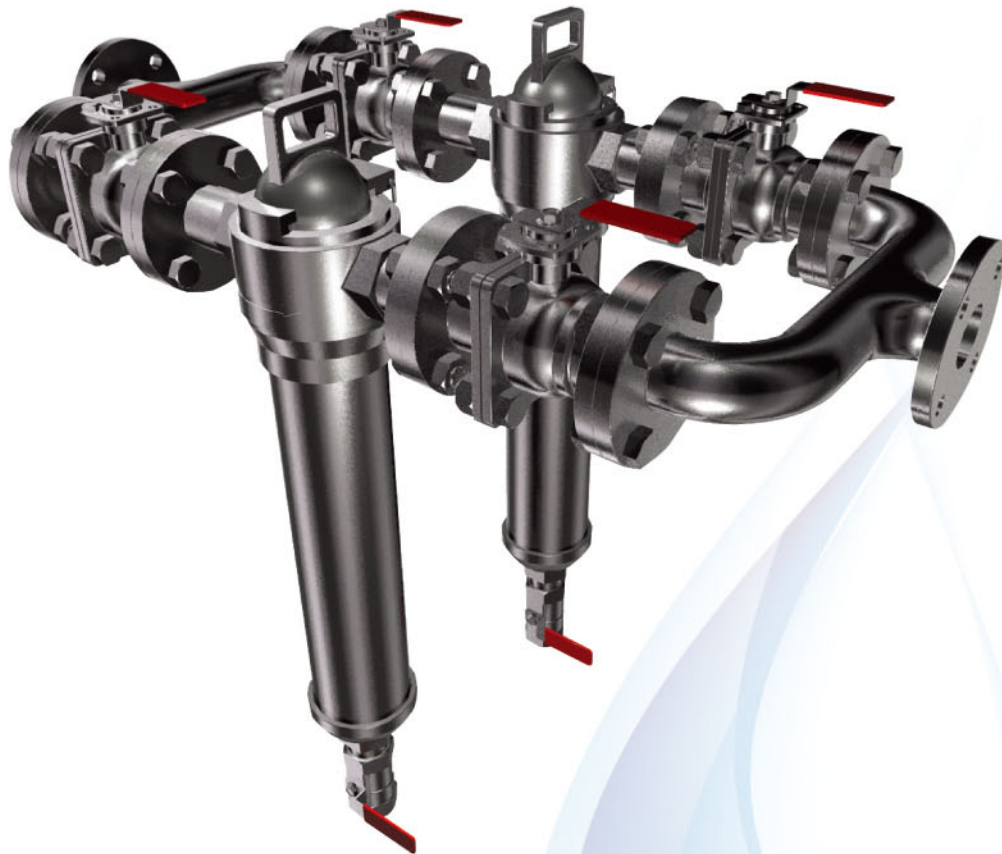


CJD Double Filter



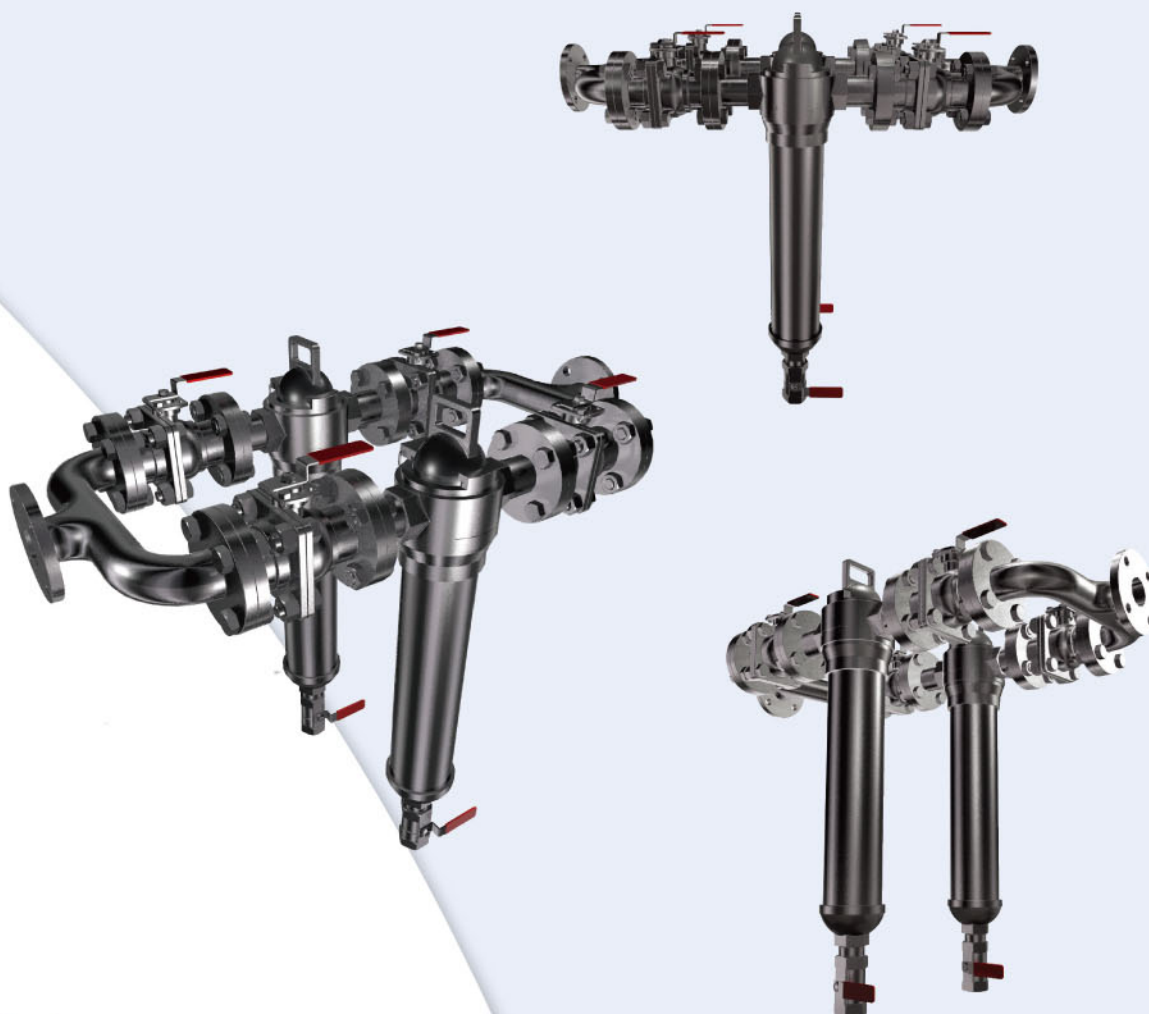
09

●●● CJD DOUBLE FILTER

Continuing on the CJS single filter use of variable combinations, when using manual filters of a single set design, it is necessary to turn off the whole system to clean the screen, which will inevitably affect the work efficiency. In order to solve this problem and provide a more convenient product, we introduce the CJD Double Filter.

Making parallel connection of 2 sets of CJS single filter, the processing amount is designed to work in a "One in use, one in backup" system. Under normal

filtering conditions on 1 set of CJS single filter process, but when the filter in use is found clogged or decreased capacity, you should turn it off and turn on the other one in backup in order to present the best effect. After turning on the backup filter, you can replace the clogged filter screen and clean it. Through the repeating procedure, it can achieve the constant filtration.



• Features

- **Fast installation and uninstallation :**

All you need to do is to install the in-outlet; the installation process is designed to be practical and convenient.

- **Constant filtering :**

Using the "one in use, one in backup" design, it is able to maintain a constant filtering process.

- **Various options :**

We can provide different choices of specifications or customized manufactured products to meet the needs of your processing amount.

- **Easy to clean :**

Open the lid of the filter, pull out the screen and clean it.

- **High practicality :**

With the needs of the constant filtering process, it is not necessary to use the automatic function; therefore, this manual type can greatly reduce costs.





The Table of Wedge Wire Screen Flow Amount

Manual Filter



••• The Table of Screen Mesh and Slot Comparison

Japanese National Industrial Standard		FILAD Manufacturing Specifications		Tyler Standard	
Mesh Number	Slot (mm)	Mesh Number	Slot (mm)	Mesh Number	Slot (mm)
37	0.037	400	0.037	400	0.037
44	0.044	325	0.044	325	0.044
53	0.053	270	0.053	270	0.053
62	0.062	230	0.062	250	0.061
74	0.074	200	0.074	200	0.074
88	0.088	170	0.088	180	0.088
105	0.105	140	0.105	150	0.104
125	0.125	120	0.125	115	0.124
149	0.149	100	0.149	100	0.147
177	0.177	80	0.177	80	0.175
210	0.210	70	0.210	65	0.208
250	0.250	60	0.250	60	0.246
297	0.297	50	0.297	48	0.295
350	0.350	45	0.350	42	0.351
420	0.420	40	0.420	35	0.417
500	0.500	35	0.500	32	0.495
590	0.590	30	0.590	28	0.589
710	0.710	25	0.710	24	0.701
840	0.840	20	0.840	20	0.833
1000	1.000	18	1.000	16	0.991
1190	1.190	16	1.190	14	1.166
1410	1.410	14	1.140	12	1.397
1680	1.580	12	1.580	10	1.651
2000	2.000	10	2.000	9	1.981
2380	2.380	8	2.380	8	2.362
2630	2.630	7	2.830	7	2.794
3360	3.360	6	3.350	6	3.327
4000	4.000	5	4.000	5	3.962
4760	4.760	4	4.760	4	4.699
5600	5.600	3½	5.000	3½	5.613



The Table of Wedge Wire Screen Flow Amount

• • • Selection of Flow Amount and Wedge Wire Screen

• A. The Reference Table of The In-outlet Size Selection for Clean Water

In-Outlet Size A(B)	32	40	50A	65A	80A	100A	125A	150A	200A	250A	300A
The Processing Amount (ℓ/min) (flow speed : 1 m/sec)	56	75	117	217	301	529	783	1131	1960	3038	4352

• B. The Table of Wedge Wire Screen Flow Amount (ℓ/min)

In-Outlet Size	Screen Diameter × Length (mm)	Screen Slot (mm)											
		450 mesh 0.025	300 mesh 0.05	200 mesh 0.075	150 mesh 0.10	120 mesh 0.125	100 mesh 0.15	80 mesh 0.175	75 mesh 0.20	60 mesh 0.25	50 mesh 0.30	45 mesh 0.35	40 mesh 0.40
25	Ø85×300-12S	44	88	128	168	205	240	280	300	370	430	480	528
	Ø85×300-18S	29	58	85	112	136	160	186	200	246	286	320	352
	Ø85×300-22S	24	49	71	93	114	133	155	166	205	238	266	293
32	Ø85×450-12S	66	132	192	252	308	360	420	450	550	645	720	792
	Ø85×450-18S	44	88	128	168	205	240	280	300	366	430	480	528
	Ø85×450-22S	36	73	106	140	171	200	233	250	305	358	400	440
40	Ø85×500-12S	73	147	213	280	342	400	468	500	618	718	802	882
	Ø85×500-18S	48	98	142	186	228	266	312	333	412	478	534	588
	Ø85×500-22S	40	81	118	155	190	222	260	277	343	399	445	490
50	Ø85×600-12S	88	176	256	336	410	480	560	600	740	860	960	1056
	Ø85×600-18S	58	117	170	224	273	320	373	400	493	573	640	704
	Ø85×600-22S	49	97	142	186	227	266	311	333	411	477	533	586
65	Ø85×900-12S	132	264	384	504	615	728	840	900	1110	1290	1440	1584
	Ø85×900-18S	88	176	256	336	410	485	560	600	740	860	960	1056
	Ø85×900-22S	73	146	213	280	341	404	466	500	616	716	800	880
85	Ø85×1000-12S	145	290	422	554	677	792	924	1000	1221	1419	1584	1742
	Ø85×1000-18S	96	193	281	369	451	528	616	666	814	946	1056	1161
100	Ø85×1000-22S	80	161	234	307	376	440	513	555	678	788	880	967

- In-outlet size of 1" , 1 ¼" , 1 ½" , 2" is suitable for Ø85×300 ~ Ø85×600 .
- In-outlet size of 2" , 2 ½" , 3" is suitable for Ø85×600 ~ Ø85×1000 .
- In-outlet size of 3" , 4" is suitable for Ø85×900 ~ Ø85×1000 .

Table B is calculated according to the length of screen and the opening area. Considering the safety factor, the actual time of use takes into account the most suitable combination of the tube size in Table A and the width of the surface profiles (12S, 18S, 22S) in Table B.

The table of CJS Single Filter's flow amount is calculated in constantly operating for 24hrs. Therefore, after using for a period of time, it can still maintain filtering capability of 50% and extend the time of filtering (but there is an exception under unusual condition).