



MANUAL FILTER SERIES RL Y



MAIN TECHNICAL CHARACTERISTICS:

- Filtration degree from 300 to 25 μm on polyester mesh
- Max flow rate 275 m^3/h with a single filter

APPLICATIONS

- Pre-filtration in UF systems
- Evaporation towers
- Spray nozzle protection
- Heat exchangers
- Irrigation

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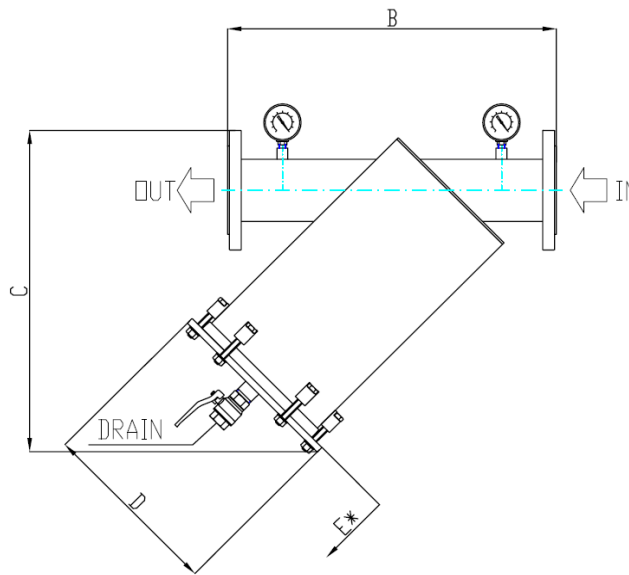
WORKS

Water enters the filter through the (IN) inlet and goes through the filtering cylinder from the inside to the outside. This will retain all non-deformable suspended solids that are the same size or bigger than the filtration degree installed. Filtered water leaves through the outlet pipe (OUT).

RIGENERATION

To clean the filter element is necessary drain the vessel through the ball valve, open the cover and extrat the filter element and wash it.

DIMENSIONS AND TECHNICAL DATA



MODEL	RL Y 2-10	RL Y 80-15	RL Y 100-30	RL Y 150-45	RL Y 200-60
Filtering area - (cm ²)	1000	1500	3000	4500	6000
Max flow rate – m ³ /h	40	60	130	200	275
Connections In/Out (1-2)	2" GAS	DN80	DN100	DN150	DN200
Connection Discharge (3)	1" F	1" F	1" F	1" F	1" 1/2F
Max pressure work – Bar	10	10	10	10	10
Max temperature work - °C	50	50	50	50	50
PH – min.max	3-9	3-9	3-9	3-9	3-9
Dimension					
A - mm	465	635	670	915	1050
B - mm	425	500	600	750	950
C - mm	405	540	590	795	900
D - mm	230	230	335	335	420
E - mm Cartridge extraction	300	500	550	780	780
Empty weight Kg	22	28	45	66	88
Work weight Kg	28	39	76	111	169

COMPLETE OF N°2 PRESSURE GAUGE 0-10 BAR E N°1 INOX 316 BALL VALVE

These technical data are indicative and subject to changing without notice.

DESCRIPTION OF PARTS

COMPONENT	DESCRIPTION
Body	AISI 316 – SAF2205 – SAF2507
Cover	AISI 316 – SAF2205 – SAF2507
Flange connection	AISI316 SLIDING PN10 EN1092
Connection threading	Cilindrica GAS UNI338-66
Filter element	PVC
Filtering mesh	Poliestere
Gasket	NBR

FILTERING MESH FLOW RATE TABLE FOR RL Y FILTERS (m³/h)

MODEL	300 µm PES	200 µm PES	125 µm PES	80 µm PES	50 µm PES	25 µm PES
RL Y 2-10	50	50	50	37	26	13
RL Y 80-15	80	80	80	55	40	19
RL Y 100-30	140	140	140	95	70	34
RL Y 150-45	205	205	205	145	103	51
RL Y 200-60	275	275	275	193	138	69

The flow rates indicated refer to a load loss of 0.2 Bar with clean, filtered water.

FILTER CODING TABLE

1 SHAPE	CODE
Y	RL Y

3 BODY / COVER MATERIAL	CODE
AISI 316	0316
SAF2205 (DUPLEX)	2205
SAF2507 (SUPERDUPLEX)	2507

5 FILTER ELEMENT SIZE	CODE
10	10
15	15
30	30
45	45
60	60

7 FILTERING FABRIC MATERIAL	CODE
POLYESTER	1
AISI316	2

9 ACCESSORIES	CODE
DISCHARGE VALVE + PRESSURE GAUGE	1
NONE	0

STANDARD VERSION

2 APPLICATION	CODE
INDUSTRIAL	I

4 CONNECTION IN/OUT	CODE
2" BSP	002
DN80 PN10	080
DN100 PN10	100
DN150 PN10	150
DN200 PN10	200

6 BASKET MATERIAL	CODE
PVC-U	1
AISI316	2

8 FILTRATION DEGREE	CODE
2000	2000
1500	1500
1000	1000
800	0800
500	0500
300	0300
200	0200
120	0120
80	0080
50	0050
25	0025