

Y PATTERN STRAINER FILTERS

**in-line design
passively removes
particles and debris**



Introduction

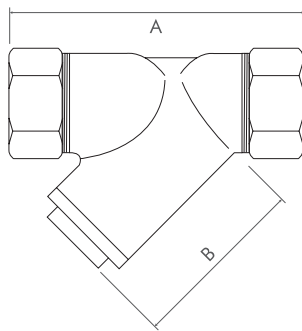
Inta's Y Pattern strainers have been designed to be fitted conveniently in-line, available in a range of sizes from 15mm to 2" with 100 and 800 micron filters. The strainer provides protection to any hot or cold water system by passively filtering debris and particles and collecting them inside the filter port, which can be easily accessed for cleaning and maintenance.

- Passively filters debris and particles
- Convenient in-line design
- Ease of maintenance
- Available in a range of sizes with 50, 100 and 800 micron filters
- Maximum pressure (static) 16 bar
- Maximum temperature 100°C
- Fluid type: water

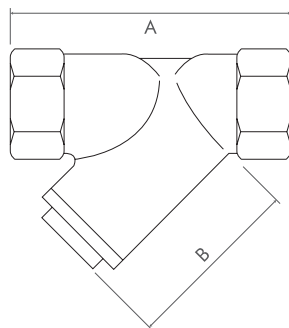
Product Range

50 micron y-pattern strainer cartridges

code	key code	
YPCART1550	YPCART1550	15mm y-pattern strainer cartridge
YPCART2250	YPCART2250	22mm y-pattern strainer cartridge



compression connection



female connection

100 micron y-pattern strainers

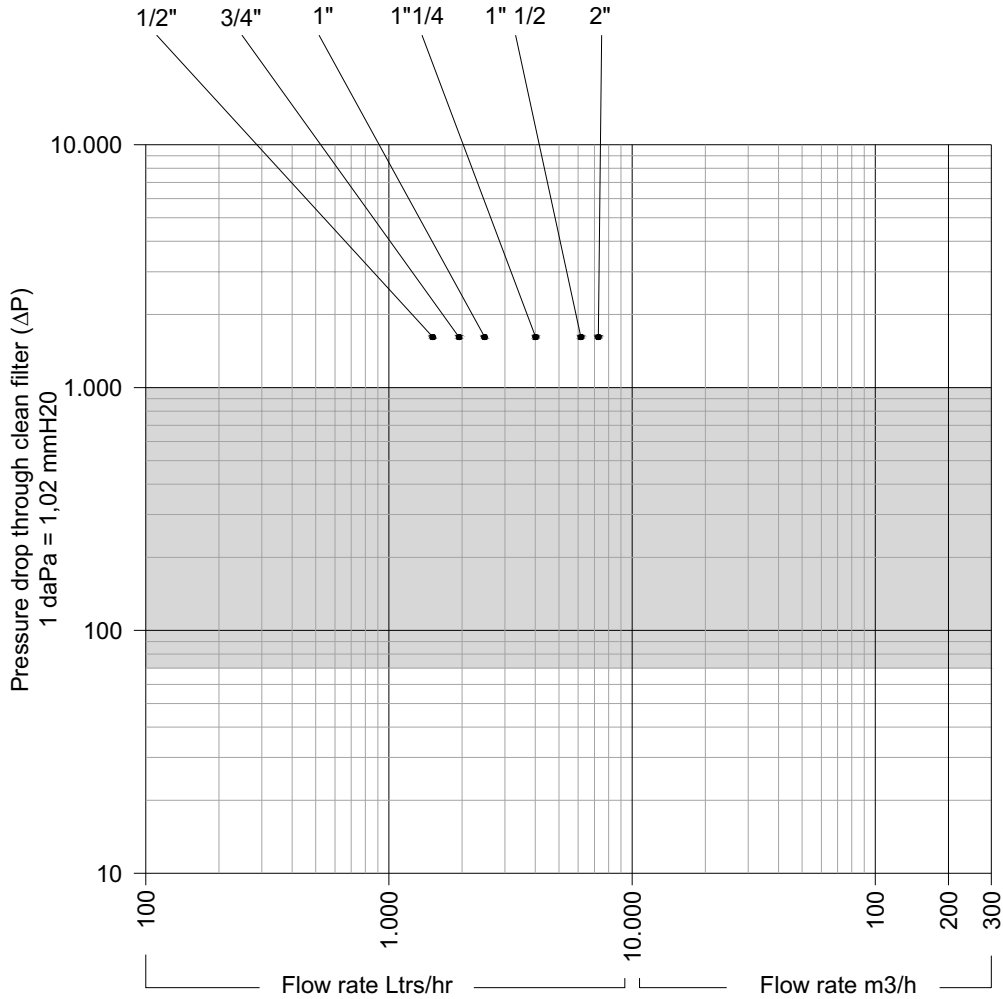
code	key code	connection	A	B
YPS085815100	YPS15100	15mm	71	57
YPS085822100	YPS22100	22mm	90	70
YPS085828100	YPS28100	28mm	103	78
YPS0858050100	YPS12100	1/2" F x F	44	57
YPS0858075100	YPS34100	3/4" F x F	53	70
YPS0858100100	YPS1100	1" F x F	56	78
YPS0858125100	YPS114100	1 1/4" F x F	70	97
YPS0858150100	YPS112100	1 1/2" F x F	80	106
YPS0858200100	YPS2100	2" F x F	95	126

800 micron y-pattern strainers

code	key code	connection	A	B
YPS085815800	YPS15800	15mm	77	57
YPS085822800	YPS22800	22mm	93	70
YPS085828800	YPS28800	28mm	114	78
YPS0858050800	YPS12800	1/2" F x F	44	57
YPS0858075800	YPS34800	3/4" F x F	53	70
YPS0858100800	YPS1800	1" F x F	56	78
YPS0858125800	YPS114800	1 1/4" F x F	70	97
YPS0858150800	YPS112800	1 1/2" F x F	80	106
YPS0858200800	YPS2800	2" F x F	95	126

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Flow rate and Pressure Drop



Quick selection of filter size			
Size	Kv	Water Flow Ltr/hr	
		with ΔP 0.1 bar	with ΔP 1 bar
1/2"	3,80	380	1.200
3/4"	4,85	485	1.550
1"	6,20	620	1.950
1" 1/4	10,10	1.010	3.200
1" 1/2	15,35	1.535	4.860
2"	18,10	1.810	5.800