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COMPANY
PRODUCT CATALOG



PRODUCT CATALOG



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INTRODUCTION

Founded in October 2012, Baldr specializes in the R&D, design, manufacturing and global sales of irrigation water treatment products and irrigation smart control products. With a powerful R&D team composed of more than 80 superior engineers, serving for different parts including the software, electronic hardware, mechanical structure and industrial appearance design etc. Baldr focuses on the research of disc water filtration technology, valve control technology, environmental monitoring technology and auto control technology, then applies all to agricultural irrigation, municipal & landscape irrigation and garden irrigation products.

THREE MAIN SERIES OF PRODUCTS:

1. Agricultural irrigation filters, auto backflushing filtration systems, pipe control valves and other products;
2. Home& Garden timers, pump timers, monitoring sensors, drip irrigation kits and other products;
3. Landscape control valves, smart control systems and other series products; Every product has the safety certificates for European and American countries such as CE, GS, R&TTE, FCC, ROHS, REACH, UL and ETL.

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www.baldr.com.cn is more than a website, it also provides a lot of water treatment solutions in different applications. Please visit the website for more latest products and information.

Y TYPE DISC FILTERS



MODEL	CONNECTIONS BSP/NPT	FILTRATION GRADES (mesh)	MAX FLOW (m³/h) (gpm)		FILTERING SURFACE (cm²) (in²)		WEIGHTS (kg)
BDF020Y	DN20 3/4"	120	5	22	195	30	0.39
BDF025Y	DN25 1"	120	6	26	195	30	0.39
BDF032Y	DN32 1-1/4"	120	10	44	300	47	0.96
BDF040Y	DN40 1-1/2"	120	15	66	300	47	0.96
BDF040YS	DN40 1-1/2"	120	15	66	525	82	1.33
BDF050Y	DN50 2"	120	25	110	525	82	1.36
BDF050YS	DN50 2"	40/75/120	25	110	600	93	2.60
BDF065Y	DN65 2-1/2"	40/75/120	30	132	600	93	2.60
BDF080Y	DN80 3"	40/75/120	35	154	600	93	2.70

T TYPE DISC FILTERS



MODEL	CONNECTIONS BSP/NPT/GRV/FLANGE	MAX FLOW (m³/h) (gpm)		FILTERING SURFACE (cm²) (in²)		WEIGHTS (kg)
BDF050TB	DN50 2"	30	132	1200	187	6.29
BDF050TSB	DN50 2"	30	132	1700	266	7.79
BDF080TB	DN80 3"	50	220	1200	187	6.90
BDF080TSB	DN80 3"	50	220	1700	266	8.54

H TYPE DISC FILTERS



MODEL	CONNECTIONS BSP/GRV/NPT/FLANGE	MAX FLOW (m³/h) (gpm)		FILTERING SURFACE (cm²) (in²)		WEIGHTS (kg)
BDF080HB	DN80 3"	50	220	2400	373	10.95
BDF080HSB	DN80 3"	60	264	3400	527	11.50
BDF100HB	DN100 4"	70	308	2400	373	11.19
BDF100HSB	DN100 4"	100	440	3400	527	12.24

400 micron (40 mesh)
200 micron (75 mesh)
130 micron (120 mesh)
100 micron (150 mesh)
50 micron (300 mesh)

Y TYPE SCREEN FILTERS



MODEL	CONNECTIONS BSP/NPT	FILTRATION GRADES (mesh)	MAX FLOW (m³/h) (gpm)		FILTERING SURFACE (cm²) (in²)		WEIGHTS (kg)
BSF020Y	DN20 3/4"	40/75/120/150	5	22	190	30	0.30
BSF025Y	DN25 1"	40/75/120/150	6	26	190	30	0.30
BSF032Y	DN32 1-1/4"	40/75/120/150	10	44	265	41	0.71
BSF040Y	DN40 1-1/2"	40/75/120/150	15	66	265	41	0.71
BSF040YS	DN40 1-1/2"	40/75/120/150	15	66	485	75	0.96
BSF050Y	DN50 2"	40/75/120/150	25	110	485	75	0.99
BSF050YS	DN50 2"	40/75/120/150	25	110	565	88	2.05
BSF065Y	DN65 2-1/2"	40/75/120/150	30	132	565	88	2.05
BSF080Y	DN80 3"	40/75/120/150	35	154	565	88	2.10

T TYPE SCREEN FILTERS



MODEL	CONNECTIONS BSP/NPT/GRV/FLANGE	MAX FLOW (m³/h) (gpm)		FILTERING SURFACE (cm²) (in²)		WEIGHTS (kg)
BSF050TB	DN50 2"	30	132	870	134.8	6.21
BSF050TSB	DN50 2"	30	132	1150	178.3	7.71
BSF080TB	DN80 3"	50	220	870	134.8	6.41
BSF080TSB	DN80 3"	50	220	1150	178.3	8.46

H TYPE SCREEN FILTERS



MODEL	CONNECTIONS BSP/GRV/NPT/FLANGE	MAX FLOW (m³/h) (gpm)		FILTERING SURFACE (cm²) (in²)		WEIGHTS (kg)
BSF080HB	DN80 3"	50	220	1740	270	8.13
BSF080HSB	DN80 3"	60	264	2300	356	8.19
BSF100HB	DN100 4"	70	308	1740	270	8.20
BSF100HSB	DN100 4"	100	440	2300	356	8.26

400 micron (40 mesh)
200 micron (75 mesh)
130 micron (120 mesh)
100 micron (150 mesh)

AUTO DISC FILTERS



BAF050TB

BAF050TSB/BAF080TSB

BAF080HB/BAF100HB/BAF100HSB

MODEL	CONNECTIONS BSP/NPT/GRV	MAX FLOW (m³/h) (gpm)		BACKWASH PRESSURE (bar)	FILTERING SURFACE (cm²) (in²)		WEIGHTS (kg)
BAF050TB	DN50 2"	25	110	1.5	1050	162	7.6
BAF050TSB	DN50 2"	25	110	1.5	1560	242	9.4
BAF080TB	DN80 3"	32	140	1.5	1050	162	7.8
BAF080TSB	DN80 3"	32	140	1.5	1560	242	9.6
BAF080HB	DN80 3"	50	220	1.5	2100	325	12.5
BAF080HSB	DN80 3"	55	242	1.5	3120	484	15.7
BAF100HB	DN100 4"	54	238	1.5	2100	325	12.9
BAF100HSB	DN100 4"	64	280	1.5	3120	484	16.1

400 micron (40 mesh) **200** micron (75 mesh) **130** micron (120 mesh) **100** micron (150 mesh) **50** micron (300 mesh)



CENTRIFUGAL SEPARATORS



MODEL	CONNECTIONS Grooved/Flange	MAX FLOW (m³/h) (gpm)		TANK CAPACITY (L)	WEIGHT (kg)	MATERIAL
BCF050	DN50 2"	30	132	16	16.8	Plastic
BCF065	DN65 2.5"	30	132	16	16.8	Plastic
BCF080	DN80 3"	50	220	16	17.5	Plastic
BCF100	DN100 4"	100	440	16	18.5	Plastic

CENTRIFUGAL SEPARATORS



MODEL	CONNECTIONS BSP/FLANFE	TANK CAPACITY (L)	WORKING PRESSURE (bar)	MAX FLOW (m³/h)	MATERIAL
BCF050	2"	16	8	30	Carbon Steel
BCF080	3"	23	8	50	Carbon Steel
BCF100	4"	40	8	100	Carbon Steel
BCF150	6"	65	8	150	Carbon Steel

BIV SERIES MANUAL PRESSURE REDUCING VALVES



MODEL	CONNECTION SIZES	CONNECTIONS	WORKING PRESSURE (bar)	WEIGHTS (kg)
BIV040PR	1.5"×1.5"	BSP/NPT	0.35 ~ 10	1.6
BIV050PR	2"×2"	BSP/NPT	0.35 ~ 10	2
BIV065PR	2.5"×2.5"	BSP/Flanges	0.35 ~ 10	2.1 (Flanges:3.17)
BIV080PR	3"×3"	BSP/NPT/ Flanges	0.35 ~ 10	2.2 (Flanges:3.5)
BIV100PR	4"×4"	Flanges	0.35 ~ 10	6.2
BIV125PR	5"×5"	Flanges	0.35 ~ 10	12.5
BIV150PR	6"×6"	Flanges	0.35 ~ 10	12.5

BIV SERIES PRESSURE REDUCING VALVES WITH SOLENOID CONTROL



MODEL	CONNECTION SIZES	CONNECTIONS	WORKING PRESSURE (bar)	WEIGHTS (kg)
BIV040EPR	1.5"×1.5"	BSP/NPT	0.35 ~ 10	1.6
BIV050EPR	2"×2"	BSP/NPT	0.35 ~ 10	2
BIV065EPR	2.5"×2.5"	BSP/Flanges	0.35 ~ 10	2.1 (Flanges:3.17)
BIV080EPR	3"×3"	BSP/NPT/ Flanges	0.35 ~ 10	2.2 (Flanges:3.5)
BIV100EPR	4"×4"	Flanges	0.35 ~ 10	6.2
BIV125EPR	5"×5"	Flanges	0.35 ~ 10	12.5
BIV150EPR	6"×6"	Flanges	0.35 ~ 10	12.5

BIV SERIES MANUAL PRESSURE SUSTAINING VALVES



MODEL	CONNECTION SIZES	CONNECTIONS	WORKING PRESSURE (bar)	WEIGHTS (kg)
BIV040PS	1.5"×1.5"	BSP/NPT	0.35 ~ 10	1.6
BIV050PS	2"×2"	BSP/NPT	0.35 ~ 10	2
BIV065PS	2.5"×2.5"	BSP/Flanges	0.35 ~ 10	2.1 (Flanges:3.17)
BIV080PS	3"×3"	BSP/NPT /Flanges	0.35 ~ 10	2.2 (Flanges:3.5)
BIV100PS	4"×4"	Flanges	0.35 ~ 10	6.2
BIV125PS	5"×5"	Flanges	0.35 ~ 10	12.5
BIV150PS	6"×6"	Flanges	0.35 ~ 10	12.5

BIV SERIES PRESSURE SUSTAINING VALVES WITH SOLENOID CONTROL



MODEL	CONNECTION SIZES	CONNECTIONS	WORKING PRESSURE (bar)	WEIGHTS (kg)
BIV040EPS	1.5"×1.5"	BSP/NPT	0.35 ~ 10	1.6
BIV050EPS	2"×2"	BSP/NPT	0.35 ~ 10	2
BIV065EPS	2.5"×2.5"	BSP/Flanges	0.35 ~ 10	2.1 (Flanges:3.17)
BIV080EPS	3"×3"	BSP/NPT /Flanges	0.35 ~ 10	2.2 (Flanges:3.5)
BIV100EPS	4"×4"	Flanges	0.35 ~ 10	6.2
BIV125EPS	5"×5"	Flanges	0.35 ~ 10	12.5
BIV150EPS	6"×6"	Flanges	0.35 ~ 10	12.5

BIV SERIES MANUAL PRESSURE REDUCING AND SUSTAINING VALVES



MODEL	CONNECTION SIZES	CONNECTIONS	WORKING PRESSURE (bar)	WEIGHTS (kg)
BIV040RS	1.5"×1.5"	BSP/NPT	0.35 ~ 10	1.9
BIV050RS	2"×2"	BSP/NPT	0.35 ~ 10	2.3
BIV065RS	2.5"×2.5"	BSP/Flanges	0.35 ~ 10	2.3 (Flanges:3.37)
BIV080RS	3"×3"	BSP/NPT/ Flanges	0.35 ~ 10	2.4 (Flanges:3.8)
BIV100RS	4"×4"	Flanges	0.35 ~ 10	6.6
BIV125RS	5"×5"	Flanges	0.35 ~ 10	12.8
BIV150RS	6"×6"	Flanges	0.35 ~ 10	12.8

BIV SERIES PRESSURE REDUCING AND SUSTAINING VALVES WITH SOLENOID CONTROL



MODEL	CONNECTION SIZES	WORKIN CONNECTIONS	WORKING PRESSURE (bar)	WEIGHTS (kg)
BIV080ERS	3"×3"	BSP/NPT/ Flanges	0.35 ~ 10	2.4 (Flanges:3.8)
BIV100ERS	4"×4"	Flanges	0.35 ~ 10	6.6
BIV125ERS	5"×5"	Flanges	0.35 ~ 10	12.8
BIV150ERS	6"×6"	Flanges	0.35 ~ 10	12.8

BIV SERIES SWITCH VALVES
WITH SOLENOID CONTROL



MODEL	CONNECTION SIZES	CONNECTIONS	WORKING PRESSURE (bar)	WEIGHTS (kg)
BIV040ESC	1.5"×1.5"	BSP/NPT	0.35 ~ 10	1.15
BIV050ESC	2"×2"	BSP/NPT	0.35 ~ 10	1.65
BIV065ESC	2.5"×2.5"	BSP/Flanges	0.35 ~ 10	1.72 (Flanges:2.8)
BIV080ESC	3"×3"	BSP/NPT/ Flanges	0.35 ~ 10	1.8 (Flanges:3.1)
BIV100ESC	4"×4"	Flanges	0.35 ~ 10	5.8
BIV125ESC	5"×5"	Flanges	0.35 ~ 10	12
BIV150ESC	6"×6"	Flanges	0.35 ~ 10	12

BIV SERIES QUICK PRESSURE
RELIEF VALVES



MODEL	CONNECTION SIZES	CONNECTIONS	WORKING PRESSURE (bar)	WEIGHTS (kg)
BIV040QR	1.5"×1.5"	BSP/NPT	0.35 ~ 10	1.55
BIV050QR	2"×2"	BSP/NPT	0.35 ~ 10	2
BIV065QR	2.5"×2.5"	BSP/Flanges	0.35 ~ 10	2.1 (Flanges:3.17)
BIV080QR	3"×3"	BSP/NPT / Flanges	0.35 ~ 10	2.2 (Flanges:3.5)
BIV100QR	4"×4"	Flanges	0.35 ~ 10	6.2
BIV125QR	5"×5"	Flanges	0.35 ~ 10	12.3
BIV150QR	6"×6"	Flanges	0.35 ~ 10	12.3

BDV SERIES BACKFLUSHING
CONTROL VALVES



MODEL	CONNECTION SIZES	CONNECTIONS	WORKING PRESSURE (bar)	WEIGHTS (kg)
BDV050SB	2"×2"×2"	Grooved	2-10	2.8
BDV050AB	2"×2"×2"	Grooved	2-10	2.8
BDV080SB	3"×3"×2"	Grooved	2-10	5.5
BDV080AB	3"×3"×2"	Grooved	2-10	5.5
BDV100SB	4"×4"×3"	Grooved	2-10	9.9
BDV100AB	4"×4"×3"	Grooved	2-10	9.9

BSV SERIES BACKFLUSHING
CONTROL VALVES



MODEL	CONNECTION SIZES	CONNECTION	WORKING PRESSURE (bar)	WEIGHTS (kg)
BSV100S4	4"×4"×3"	Grooved	0.7-10	5.5

GARDEN
SOLENOID VALVES



MODEL	CONNECTION BSP	VOLTAGE (V)	PULSE WIDTH (msec)	MINIMUM CAPACITANCE (μF)	WORKING PRESSURE (bar)	INRUSH CURRENT (mA)	HOLD CURRENT (mA)
BIV020ESC	3/4"	AC 24V/DC 24V	NA	NA	0.2-10	250	15
BIV025ESC	1"	AC 24V/DC 24V	NA	NA	0.2-10	250	15
BIV020ESC	3/4"	DC Latching 12-24V	200ms	4700uf	0.2-10	NA	NA
BIV025ESC	1"	DC Latching 12-24V	200ms	4700uf	0.2-10	NA	NA

DECODING
SOLENOID VALVE



MODEL	CONNECTION SIZE BSP	WORKING VOLTAGE	INRUSH CURRENT (mA)	WORKING PRESSURE (bar)	HYDRAULIC OUTLET
BIV020SDR	3/4"	24 VDC	500	10	0.2~10 bar
BIV025SDR	1"				

SOLENOID VALVE
AC/DC VERSION



MODEL	AC			DC			WORKING WATER PRESSURE (bar)	AMBIENT/ FLUID TEMPERATURE	INLET AND OUTLET
	OPERATING VOLTAGE (V)	INRUSH CURRENT (mA)	HOLDING CURRENT (mA)	OPERATING VOLTAGE (V)	INRUSH CURRENT (mA)	HOLDING CURRENT (mA)			
BSV521A24	15-28	250	15	20-40	150	5	0-10bar	60°C	1/8"

SOLENOID VALVE
DC LATCH VERSION



MODEL	WORKING VOLTAGE	PULSE WIDTH (ms)	DISCHARGE CAPACITANCE (μF)	WORKING PRESSURE (bar)	HYDRAULIC OUTLET
BSV521D12	12-24V DC Latching	200	4700	0-10	1/8"

DECODING SOLENOID



MODEL	WORKING VOLTAGE	SURGE CURRENT (mA)	HOLDING CURRENT (mA)	WORKING PRESSURE (bar)	HYDRAULIC OUTLET
BSV150DR	24V DC	500	10mA	0-10	1/8"

K TYPE KINETIC VALVES



BAV100K



BAV110K



BAV120K



BAV140K



BAV160K

MODEL	CONNECTIONS BSP/NPT	ORIFICE SIZE (mm ²)	WORKING PRESSURE (bar)	DIMENSIONS (mm)	WEIGHT (g)
BAV100K20	DN20 3/4"	314	0.2-10	124*58*58	95
BAV100K25	DN25 1"	314	0.2-10	124*58*58	95
BAV110K20	DN20 3/4"	314	0.2-10	108*66*63	185
BAV110K25	DN25 1"	314	0.2-10	108*66*63	185
BAV120K20	DN20 3/4"	314	0.2-10	110*80*63	205
BAV120K25	DN25 1"	314	0.2-10	110*80*63	205
BAV140K25	DN25 1"	346	0.2-16	183*134*86	470
BAV160K50	DN50 2"	960	0.2-16	249*184*110	1052

C TYPE COMBINED VALVES



BAV150C



BAV160C



BAV170C



BAV180C

MODEL	CONNECTIONS BSP/NPT	ORIFICE SIZE (mm ²)	WORKING PRESSURE (bar)	DIMENSIONS (mm)	WEIGHT (g)
BAV150C25	DN25 1"	415	0.2-10	162*97*86	488
BAV160C25	DN25 1"	346	0.2-16	184*134*86	440
BAV160C50	DN50 2"	960	0.2-16	249*187*110	1020
BAV170C50	DN50 2"	1590	0.2-10	255*140*120	1100
BAV180C20	DN20 3/4"	415	0.2-16	71*173*83	280
BAV180C25	DN25 1"	415	0.2-16	71*173*83	280
BAV180C40	DN40 1-1/2"	415	0.2-16	71*173*83	280
BAV180C50	DN50 2"	850	0.2-16	265*102*102	730

REMOTE CONTROL VALVES

THREE-WAY BALL VALVE



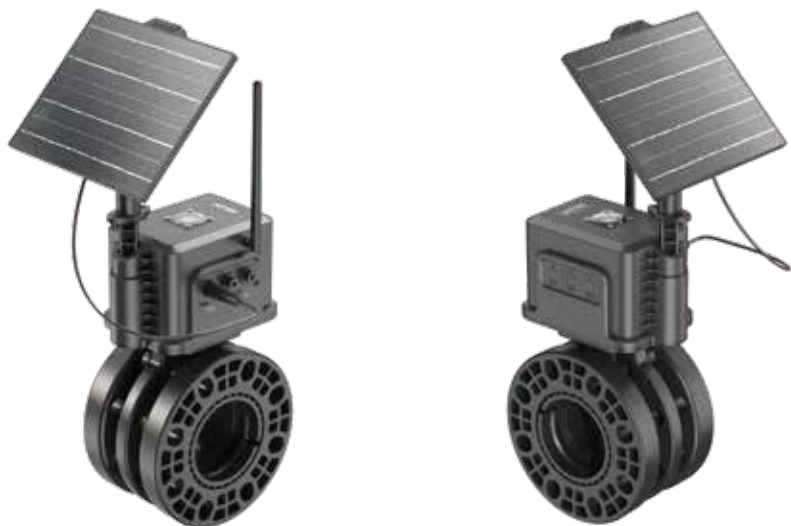
MODEL	COMMUNICATIONS PROTOCOL	FUNCTION	TORQUE	SOLAR PANEL	ANTENNA	WATERPROOF RATING	BATTERY
BVC136LT+BBV380FP	4G	Manual irrigation, Timing irrigation, Cycle irrigation	100N*M	5V 5W	External	IP67	3*18650 lithium batteries
BVC136LR+BBV380FP	LORA						
BVC132LT+BBV380FP	4G		60N*M				
BVC132LR+BBV380FP	LORA						

TWO-WAY BALL VALVE



MODEL	COMMUNICATIONS PROTOCOL	SIZE	INLET/OUTLET CONNECTION SIZE	WATERPROOF RATING	POWER SUPPLY	MOTOR TORQUE
BVC132LT+BBV080	4G	3"	DN80	IP67	3*18650 batteries 5W solar panel	60N*m
BVC132LR+BBV080	LORA					

BUTTERFLY VALVE



MODEL	COMMUNICATIONS PROTOCOL	SIZE	INLET/OUTLET CONNECTION SIZE	WATERPROOF RATING	POWER SUPPLY	MOTOR TORQUE
BVC132LT+BFV080	4G	3"	DN80	IP67	3*18650 batteries, 5W solar panel	60N*m
BVC132LR+BFV080	LORA					

DIGITAL TENSIOMETER



MODEL	OUTPUT SIGNAL	RANGE	MEASUREMENT ACCURACY	RESPONSE TIME	LENGTH
BTS701PB	Local view	-100kPa-0	0.1kPa	200ms	15-120cm



CONTROLLERS

BAC601 SERIES



MODEL	CONTROL ROUTE	SUPPLY VOLTAGE	STATION OUTPUT	SCREEN DISPLAY	WORKING TEMPERATURE
BAC601D06	6	DC 1.5V x 4	DC12V (Latch)	LCD field screen	0°C ~ 60°C

BAC901 SERIES



MODEL	CONTROL ROUTE	SUPPLY VOLTAGE	STATION OUTPUT	SCREEN DISPLAY	WORKING TEMPERATURE
BAC901A02	2	AC 110V/220V	AC24V	LCD field screen	0°C ~ 60°C
BAC901A04	4	AC 110V/220V	AC24V	LCD field screen	0°C ~ 60°C
BAC901A06	6	AC 110V/220V	AC24V	LCD field screen	0°C ~ 60°C
BAC901A08	8	AC 110V/220V	AC24V	LCD field screen	0°C ~ 60°C
BAC901A10	10	AC 110V/220V	AC24V	LCD field screen	0°C ~ 60°C
BAC901D02	2	DC 1.5V x 4	DC12V (Latch)	LCD field screen	0°C ~ 60°C
BAC901D04	4	DC 1.5V x 4	DC12V (Latch)	LCD field screen	0°C ~ 60°C
BAC901D06	6	DC 1.5V x 4	DC12V (Latch)	LCD field screen	0°C ~ 60°C
BAC901D08	8	DC 1.5V x 4	DC12V (Latch)	LCD field screen	0°C ~ 60°C
BAC901D10	10	DC 1.5V x 4	DC12V (Latch)	LCD field screen	0°C ~ 60°C

IRRIGATION CONTROLLER



MODEL	COMMUNICATION PROTOCOL	POWER	OUTPUT	EXTERNAL INTERFACE	WATERPOOF RATING
BVC226LT	4G	Solar power supply (6V,1.7W)+ 2* 2550 mAh rechargeable batteries	12V DC Latch (Pulse)	Aviation connector 1.5m data cable	IP67
BVC226LR	Lora				

IRRIGATION CONTROL CABINET



MODEL	CONNECTION TYPE	CONNECTION TO VALVE	VALVE QUANTITY	NUMBER OF PUMP CONNECTIONS	NUMBER OF SENSOR CONNECTIONS	VOLTAGE	CONTROL DISTANCE
BCM610DP	Local Control	Wired Control	Up to 250	1~3	1~3	220V/ 110V	3km



MODEL	CONNECTION TYPE	CONNECTION TO VALVE	VALVE QUANTITY	NUMBER OF PUMP CONNECTIONS	NUMBER OF SENSOR CONNECTIONS	VOLTAGE	CONTROL DISTANCE
BCM611LR	Local Control	Lora Signal Transmission	100	1~3	1~3	220V / 110V / Solar Panel + Lithium Battery	3km



MODEL	POWER SUPPLY	INPUT SIGNAL	INPUT & OUTPUT POINTS	OUTPUT CONTACT CAPACITY	BACKWASH START MODE	DP DETECTION
BAC207AC	380V	Dry Contact	7	AC220V2A / DC12V1A	DP / Time	DI / Sensor

FERTILIZER



VENTURI INJECTOR



MODEL	CONNECTIONS BSP/NPT	OUTLER FLOW (L/H)	INJECTION RATE (L)	PRESSURES IN WORKING (bar)	WEIGHT (g)
BAI020	DN50 3/4"	10860	113	0.5 - 9.5	49.65
BAI025	DN25 1"	18204	356	0.5 - 9.5	115.6
BAI040	DN40 1.5"	1537	878	0.5 - 9.5	290.95
BAI050	DN50 2"	5561	3040	0.5 - 9.5	530.9

FERTILIZER



MODEL	FERTILIZER CHANNELS	CONTROL MODEL	INLET&OUTLET PIPE SIZE	MAX FLOW RATE	PUMP POWER	WORKING PRESSURE	WORKING TEMPERATURE	SIZE(mm)	WEIGHT (kg)
BWF633V3	3	Digital Control	DN32 / DN32	4 m³/h	1.1 KW	< 6 bar	Operating Temperature: 0~40 °C Short-term Operating Temperature: ≤ 60 °C	645x452x960	40
BWF633V4	4	Digital Control	DN32 / DN32	6 m³/h	2.2KW	< 6 bar		745x450x960	42
BWF633V5	5	Digital Control	DN32 / DN32	6 m³/h	2.2KW	< 6 bar		845x450x960	44

FERTILIZER TANK



MODEL	Body Material	Max Working Pressure (bar)	Max Working Temperature	Capacity (L)
BFT-W-200	Carbon Steel	10	60°C	200
BFT-W-300	Carbon Steel	10	60°C	300
BFT-W-500	Carbon Steel	10	60°C	500
BFT-W-600	Carbon Steel	10	60°C	600



MODEL	Body Material	Max Working Pressure (bar)	Max Working Temperature	Capacity (L)
BFT-L-200	Carbon Steel	10	60°C	200
BFT-L-300	Carbon Steel	10	60°C	300
BFT-L-500	Carbon Steel	10	60°C	500
BFT-L-600	Carbon Steel	10	60°C	600

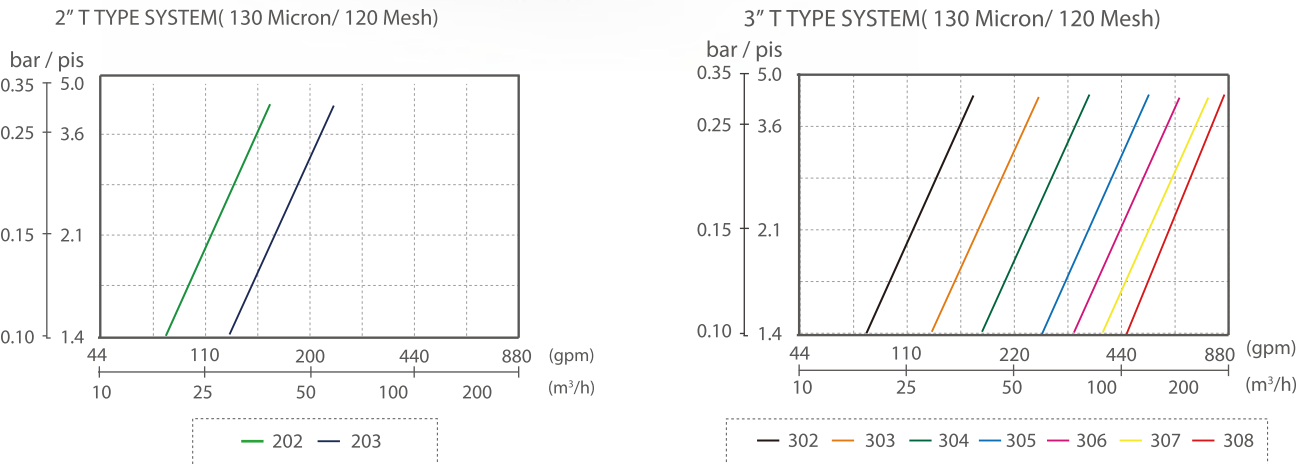


AUTO DISC FILTRATION SYSTEM

T TYPE AUTO DISC FILTRATION SYSTEM



• HEAD LOSS



Note: The flow rate will fluctuate with different water quality.

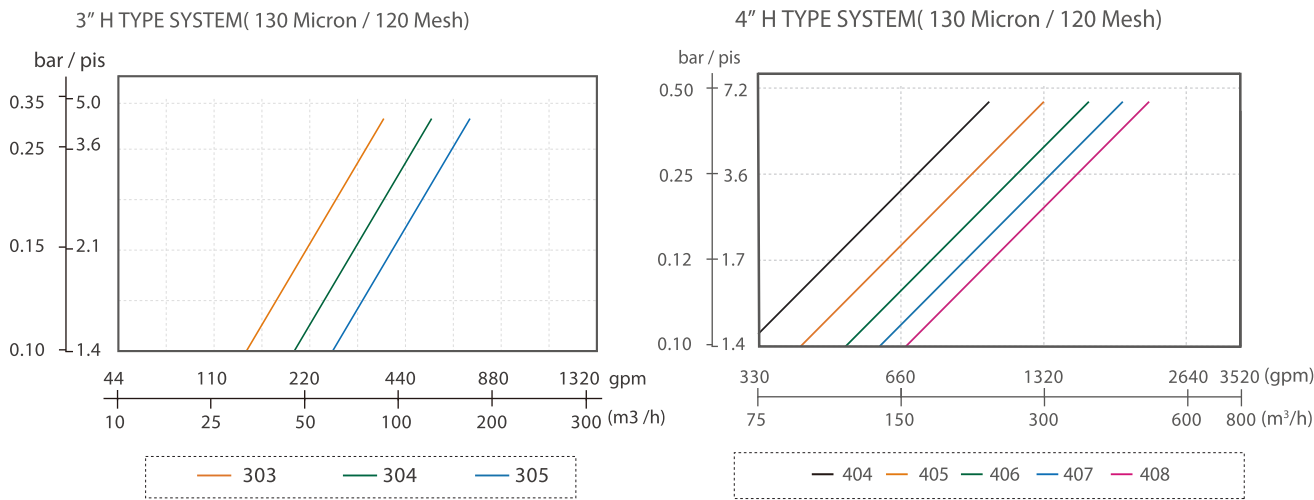
• T TYPE AUTO DISC FILTRATION SYSTEM SPECIFICATION

MODEL	Unit No.	FILTERING SURFACE (cm²)	MANIFOLD (in/mm)	CONNECTION	MAX FLOW (m³/h) (gpm)	WEIGHT (kg)
BSS201T2	1	1050	2 50	Grooved/Flange	25 110	55
BSS202T3	2	2100	3 80	Grooved/Flange	50 220	53
BSS203T4	3	3150	4 100	Grooved/Flange	75 330	83
BSS301T3	1	1560	3 80	Grooved/Flange	32 141	60
BSS302T4	2	3120	4 100	Grooved/Flange	64 282	74
BSS303T4	3	4680	4 100	Grooved/Flange	96 422	92
BSS304T6	4	6240	6 150	Grooved/Flange	128 536	130
BSS305T6	5	7800	6 150	Grooved/Flange	160 704	170
BSS306T8	6	9360	8 200	Grooved/Flange	192 845	190
BSS307T8	7	10920	8 200	Grooved/Flange	224 986	220
BSS308T8	8	12480	8 200	Grooved/Flange	256 1126	250

H TYPE AUTO DISC FILTRATION SYSTEM



• HEAD LOSS



• H TYPE AUTO DISC FILTRATION SYSTEM SPECIFICATION

MODEL	UNIT NO.	FILTERING SURFACE (cm²)	MANIFOLD (in) (mm)	CONNECTION	MAX FLOW (m³/h) (gpm)	WEIGHT (kg)
BSS303H6	3	6300	6 150	Grooved/Flange	150 660	120
BSS304H6	4	8400	6 150	Grooved/Flange	200 880	160
BSS305H8	5	10500	8 200	Grooved/Flange	250 1100	210
BSS404H8	4	12480	8 200	Grooved/Flange	256 1126	200
BSS405H10	5	15600	10 250	Grooved/Flange	320 1408	250
BSS406H10	6	18720	10 250	Grooved/Flange	384 1690	300
BSS407H10	7	21840	10 250	Grooved/Flange	448 1972	350
BSS408H10	8	24960	10 250	Grooved/Flange	512 2254	400

SAND MEDIA FILTRATION SYSTEM



SINGLE-CHAMBER CONFIGURATIONS



MODEL	UNIT	SAND CYLINDER DIAMETER (mm/in)	CONTROL VALVES (in)	OUTLET & INLET DIAMETER (mm/in)	DRAIN OUTLET DIAMETER (in)	BACK FLUSHING FLOW RATE (m³/h)	FILTERING SURFACE (m²)	MAX WORKING PRESSURE (bar)	MAX FLOW (m³/h)
BBS242S33	2	600 24"	2"	DN80 3"	3"	22	0.58	10	44
BBS302S43	2	750 30"	3"	DN100 4"	3"	35	0.91	10	70
BBS362S43	2	900 36"	3"	DN100 4"	3"	50	1.31	8	100
BBS363S43	3	900 36"	3"	DN100 4"	3"	50	1.96	8	150
BBS402S63	2	1000 40"	4"	DN150 6"	3"	65	1.62	8	130
BBS403S63	3	1000 40"	4"	DN150 6"	3"	65	2.43	8	195
BBS482S84	2	1200 48"	4"	DN220 8"	4"	85	2.32	8	170
BBS483S84	3	1200 48"	4"	DN200 8"	4"	85	3.48	8	255
BBS484S84	4	1200 48"	4"	DN200 8"	4"	85	4.65	8	340
BBS485S84	5	1200 48"	4"	DN200 8"	4"	85	5.81	8	425

DOUBLE-CHAMBER CONFIGURATIONS



MODEL	UNIT	SAND CYLINDER DIAMETER (mm/in)	CONTROL VALVES (in)	OUTLET & INLET DIAMETER (mm/in)	DRAIN OUTLET DIAMETER (in)	BACK FLUSHING FLOW RATE (m³/h)	FILTERING SURFACE (m²)	MAX WORKING PRESSURE (bar)	MAX FLOW (m³/h)
BBS162D33	2	400 16"	2"	DN80 3"	3"	10	0.26	10	20
BBS202D33	2	500 20"	2"	DN80 3"	3"	17	0.4	10	28
BBS242D33	2	600 24"	2"	DN80 3"	3"	20	0.58	10	50
BBS302D43	2	750 30"	3"	DN100 4"	3"	35	0.91	10	70
BBS362D43	2	900 36"	3"	DN100 4"	3"	45	1.31	8	100
BBS363D63	3	900 36"	3"	DN150 6"	3"	45	1.96	8	150
BBS402D63	2	1000 40"	4"	DN150 6"	3"	65	1.62	8	130
BBS403D63	3	1000 40"	4"	DN150 6"	3"	65	2.43	8	195
BBS482D84	2	1200 48"	4"	DN200 8"	4"	80	2.32	8	180
BBS483D84	3	1200 48"	4"	DN200 8"	4"	80	3.48	8	270
BBS484D84	4	1200 48"	4"	DN200 8"	4"	80	4.65	8	360
BBS485D84	5	1200 48"	4"	DN200 8"	4"	80	5.81	8	450

CARBON STEEL SCREEN FILTER



MODEL	CONNECTIONS	SIZE OF MANIFOLD	FILTRATION SURFACE (cm²)	MAX FLOW RATE (m³/h)	MAX WORKING PRESSURE (bar)	FILTRATION GRADES (mesh)
BSM-FY-080	BSP / NPT / GROOVED / FLANGE	3"	1800	60	10	40 / 80 / 120
BSM-FY-100		4"	2200	80	10	40 / 80 / 120
BSM-FY-150		6"	3700	160	10	40 / 80 / 120
BSM-FY-200		8"	5800	300	10	40 / 80 / 120
BSM-FY-250		10"	8100	450	10	40 / 80 / 120



MODEL	CONNECTIONS	SIZE OF MANIFOLD	FILTRATION SURFACE (cm²)	MAX FLOW RATE (m³/h)	MAX WORKING PRESSURE (bar)	FILTRATION GRADES (mesh)
BSH-FY-080	BSP / NPT / GROOVED / FLANGE	3"	2700	60	10	40 / 80 / 120
BSH-FY-100		4"	2700	80	10	40 / 80 / 120
BSH-FY-150		6"	3300	160	10	40 / 80 / 120
BSH-FY-200		8"	6000	300	10	40 / 80 / 120
BSH-FY-250		10"	6800	450	10	40 / 80 / 120



MODEL	CONNECTIONS	SIZE OF MANIFOLD	FILTRATION SURFACE (cm²)	MAX FLOW RATE (m³/h)	MAX WORKING PRESSURE (bar)	FILTRATION GRADES (mesh)
BSD-FY-080	BSP / NPT / GROOVED / FLANGE	3"	2700	60	10	40 / 80 / 120
BSD-FY-100		4"	2700	80	10	40 / 80 / 120
BSD-FY-150		6"	3300	160	10	40 / 80 / 120
BSD-FY-200		8"	6000	300	10	40 / 80 / 120
BSD-FY-250		10"	6800	450	10	40 / 80 / 120

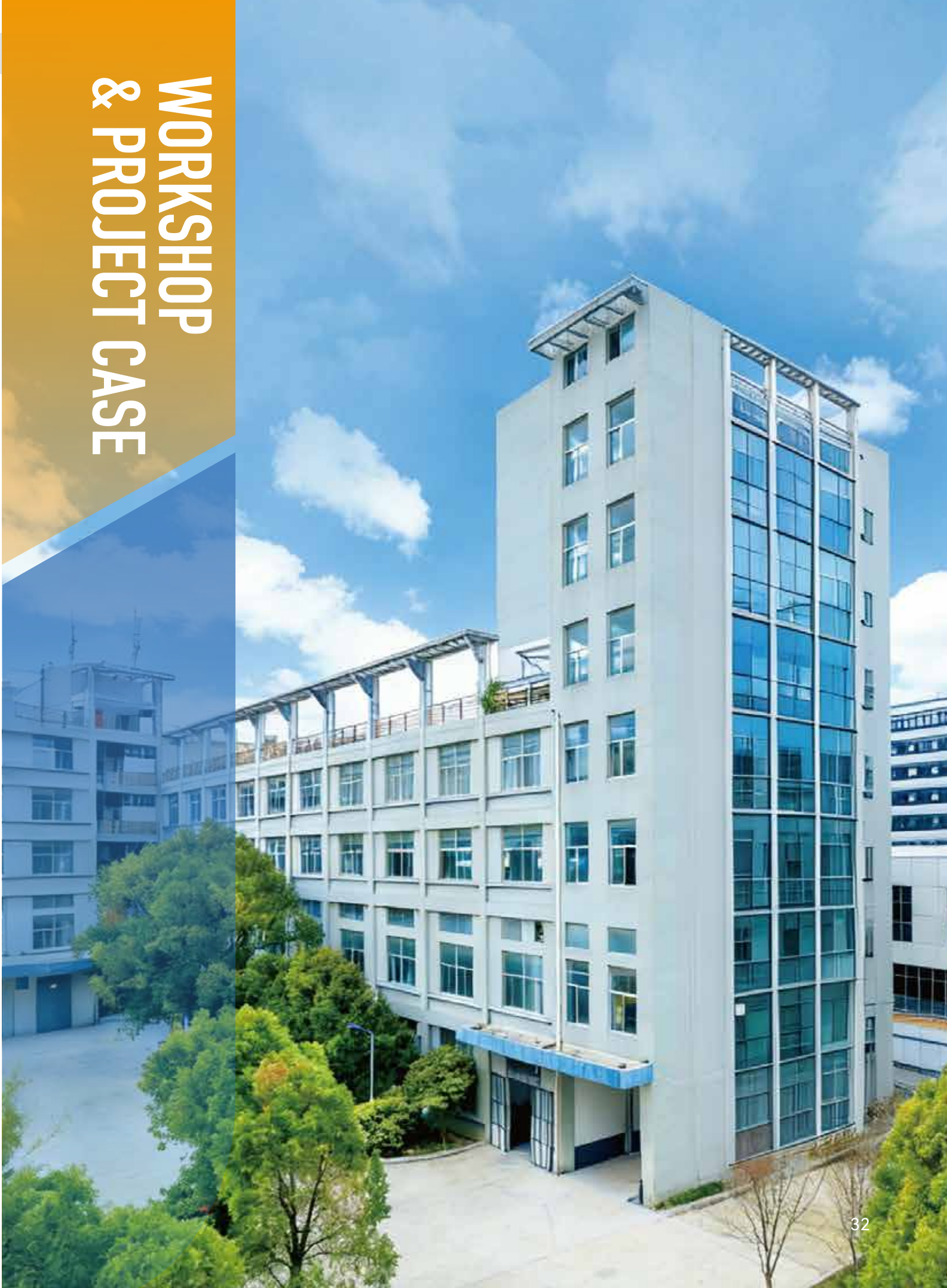


MODEL	CONNECTIONS	SIZE OF MANIFOLD	FILTRATION SURFACE (cm²)	MAX FLOW RATE (m³/h)	MAX WORKING PRESSURE (bar)	FILTRATION GRADES (mesh)
BSD-FL-080	BSP / NPT / GROOVED / FLANGE	3"	2700	60	10	40 / 80 / 120
BSD-FL-100		4"	2700	80	10	40 / 80 / 120
BSD-FL-150		6"	3300	160	10	40 / 80 / 120
BSD-FL-200		8"	6000	300	10	40 / 80 / 120
BSD-FL-250		10"	6800	450	10	40 / 80 / 120



MODEL	CONNECTIONS	SIZE OF MANIFOLD	SIZE OF DRAIN OUTLET	FILTRATION SURFACE (cm²)	MAX FLOW RATE (m³/h)	Motor Power (KW)	MAX WORKING PRESSURE (bar)	FILTRATION GRADES
BSD-FW-080	BSP / NPT / GROOVED / FLANGE	3" / DN80	DN25	2700	60	0.12	10	40/80/120 Mesh
BSD-FW-100		4" / DN100	DN25	2700	80	0.12	10	
BSD-FW-150		6" / DN150	DN40	3300	160	0.18	10	
BSD-FW-200		8" / DN200	DN50	6000	300	0.18	10	
BSD-FW-250		10" / DN250	DN50	6800	450	0.37	10	
BSD-FW-300		12" / DN300	DN50	9500	600	0.37	10	
BSD-FW-350		14" / DN350	DN50	12000	850	0.37	10	
BSD-FW-400		16" / DN400	DN50	12000	1200	0.37	10	

WORKSHOP & PROJECT CASE



WORKSHOP



PROJECT CASE

