

WFC DRAWING 100 - FLOW RATE 0.5L/s-1.5L/s

GENERAL NOTES

- BAG FILTERS MUST BE INSTALLED OUT OF DIRECT SUNLIGHT.
- EXTERNAL APPLICATION:
RAINWATER FILTRATION SYSTEM TO BE INSTALLED IN A PLANTROOM OR AN ALL WEATHER, VANDAL PROOF, SUN PROOFED, WELL VENTILATED ENCLOSURE.
- COPPER TUBE IS NOT RECOMMENDED FOR INSTALLATION WITH RAINWATER.
- SENSITIVE CASE OPTION:
 - 2 BACKWASH FILTERS
 - 2 UV FILTERS
 EXAMPLES OF SENSITIVE CASE OPTIONS:
 - HOSPITALS
 - NURSING HOMES
 - ETC.

CONTRACTOR NOTES

STAGE 1: BACKWASH FILTER INSTALLATION INSTRUCTIONS:

- INSTALL ISOLATION VALVES EACH SIDE OF THE FILTER.
- BYPASS VALVE & ASSOCIATED PIPEWORK
- TUNDISH TO FLOOR-WASTE OR STORMWATER.
- 240V 10-AMP GPO WITHIN 1 METER OF THE INSTALLED FILTER
- AND INSTALLED ABOVE THE SPLASH LINE OF THE TUNDISH.
- INSTALL IN A PLANT ROOM OR UNDER ALL WEATHER, SUN-PROOF WELL VENTILATED VANDAL-PROOF COVER.

STAGE 2: BAG FILTERS INSTALLATION INSTRUCTIONS:

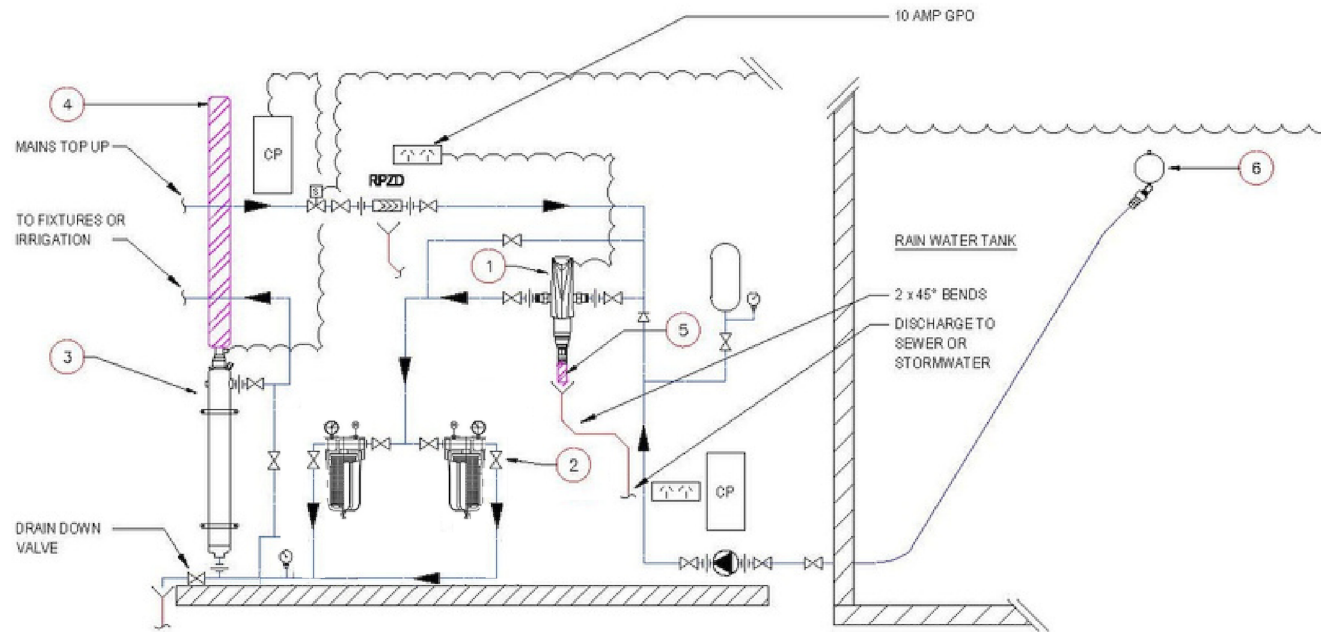
- INSTALL HOUSINGS ON A MANIFOLD IN PARALLEL.
- INSTALL ISOLATION VALVES EACH SIDE OF THE FILTER HOUSINGS.
- LOCATE HOUSINGS IN A PLANT ROOM OR UNDER AN ALL-WEATHER SUN-PROOF WELL VENTILATED COVERING.
- SUPPLY (4) FOUR WFC-FB-PBH420-25. 25-MICRON NOMINAL POLYPROPYLENE FILTER BAGS WITH POLYTEC SEAL (TWO ARE SPARES).

STAGE 3: UV DISINFECTION SYSTEM INSTALLATION INSTRUCTIONS:

- INSTALL ISOLATION VALVES EACH SIDE OF THE UV HOUSING.
- INSTALL A BYPASS VALVE & ASSOCIATED PIPEWORK.
- LOCATE UV HOUSING IN A PLANT ROOM OR UNDER ALL-WEATHER SUN-PROOF WELL VENTILATED VANDAL-PROOF COVERING.
- IF AVAILABLE, CONNECT UV SYSTEM TO BMS SYSTEM TO MONITOR LAMP & POWER FAILURE.
- LOCATE A FLOOR-WASTE IN THE VICINITY OF THE UV.
- CHAMBER TO DRAIN & CLEAN DURING REGULAR SERVICE.

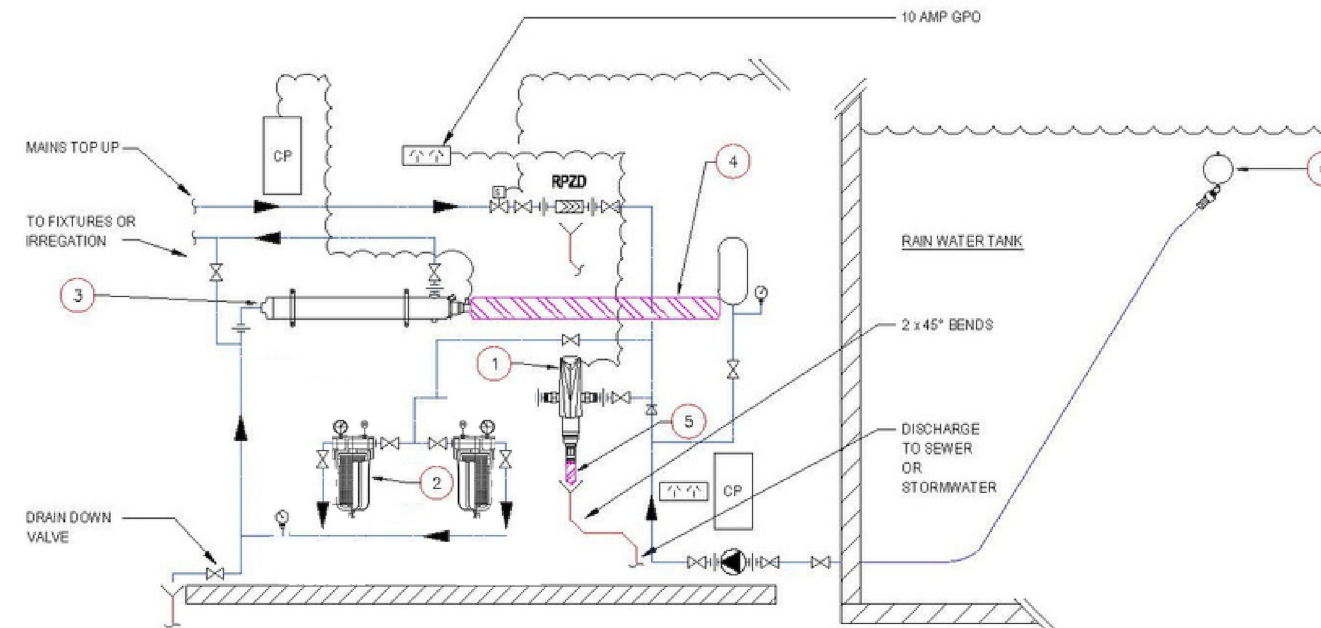
RAINWATER FILTRATION SYSTEM - VERTICAL UV OPTION

NOT TO SCALE



RAINWATER FILTRATION SYSTEM - HORIZONTAL UV OPTION

NOT TO SCALE



FLOW RATE 0.5L/s - 1.4L/s

PIPE DIAMETER	WFC INFINITY A AUTOMATIC BACKWASH FILTER	WFC BAG FILTERS (X2) 1, 5, 10, 25, 50, 100 & 200 MICRONS	WFC500 UV DISINFECTION SYSTEMS
20Ø	WFC-FS-INF-20	WFC-FH-PBH420-40	WFC-US-0500C
25Ø	WFC-FS-INF-25	WFC-FH-PBH420-40	WFC-US-0500C
32Ø	WFC-FS-INF-32	WFC-FH-PBH420-40	WFC-US-0500C

POWER REQUIREMENTS

FILTER TYPE	POWER OUTLET TYPE
BACKWASH FILTER	10AMP GPO
BAG FILTER	POWER NOT REQUIRED
UV DISINFECTION SYSTEM	CONTROL PANEL - 10AMP GPO
PUMP	VARIES

LIST OF COMPONENTS

NO.	ITEM
1	WFC BACKWASH FILTERS
2	WFC BAG FILTERS
3	WFC UV DISINFECTION SYSTEMS
4	1300mm MAINTENANCE ZONE
5	100mm MAINTENANCE ZONE
6	FLOATING PUMP INTAKE PIPE - VARIOUS MODELS

SPACIAL REQUIREMENTS

FILTER SYSTEM TYPE	APPROX. SPACIAL
20mm - 32mm GENERAL APPLICATION	1.6m (L) x 0.8m (W)

GENERAL REQUIREMENTS

MINIMUM PRESSURE	250 KPa
MAXIMUM PRESSURE	600 KPa

REV	AMENDMENT/REASON FOR ISSUE	DATE	DRAWING COMPLETED BY	DESIGNED & CHECKED BY
D1	DESIGN ISSUE	15.08.13	CH	MC
D2	DESIGN ISSUE	10.01.23	SC	MC
D3	PRODUCT CODES	22.06.23	RK	MC

SCALES	DRAWING TITLE	DRAWING NO.	SHEET	REV
NOT TO SCALE	FLOW RATE 0.5L/s - 1.5L/s	WFC100	1 OF 1	D3