

H₂O_{SS} Selection Matrix Distribution Ultraviolet Unit Packs

Product Description/Equipment Specifications

FLEXIBILITY
LATITUDE
ENGINEERING
EXECUTION
EXCELLENCE



Photo is for illustrative purposes only

*Process Water Systems designed with ultimate **FLEXIBILITY** in mind.*

General Description:

FLEXX™ offers a complete line of Distribution Ultraviolet Unit Packs sized from 4 to 145 gallons per minute. The Distribution Ultraviolet Unit Pack designation refers to a factory assembled distribution ultraviolet unit system that is intended to purify water prior to being delivered to the Client’s Point-of-Use. The units come complete with an integrated disconnect control panel that allows safe operation of the system.

Features:

- Fast delivery with pre-manufactured systems. Quick installation and start-up.
- Small footprint/skid-mounted system to reduce usage of valuable floor space.
- Seismic Zone 4 compliance to satisfy regional permitting regulations.

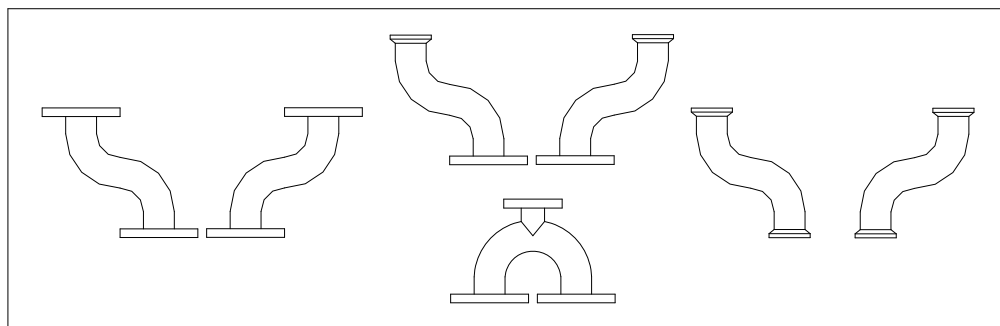
Mechanical Description:

Powder-coated steel frames support the systems’ major components. These frames are configured to provide maximum support for the Distribution Ultraviolet Unit Pack components while allowing access for maintenance and operation. The Ultraviolet Unit Packs are supplied as single skids. If more than one SS option is selected, they will be mounted on single skid.

The product plumbing is offered in 316SS and a wide variety of flow rates.

Electrical & Operational Description:

The client provides a source of power to the Distribution Ultraviolet Unit Pack disconnect switch.



**Distribution Ultraviolet Unit Packs
Part Number Selection**

Select Select Select Select

Select Select Select Select Select

EXAMPLE PART NUMBER

UVF 254 UMP 016

EXAMPLE ADDITIONAL SERVICES

SZD X X X X

FIELD 1	Distribution Ultraviolet Unit Pack	
	Code	Code Description
	UVF	Ultraviolet Unit with Flanged Connections. Pack includes 316 SS flanged light traps, threaded inlet and outlet sample valves and a disconnect switch.
	UVS	Ultraviolet Unit with Sanitary T/C Connections. Pack includes 316 SS sanitary T/C light traps, inlet and outlet sanitary sample valves and a disconnect switch.

FIELD 2	Ultraviolet Unit Lamp Options	
	Code	Code Description
	185	TOC Reduction
	254	Bacteria Destruction

FIELD 3	Ultraviolet Unit Monitoring Package	
	Enter the code if a monitoring package is required. If a monitoring package is not required, place an X in Field 3.	
	Code	Code Description
	UMP	Monitoring Package, includes Intensity Monitor and Thermistor

FIELD 4	Flow and Pipe Size:	
	Enter the code for the desired treated water flow.	
	Code	Code Description
	003	5 GPM (19 LPM), 3/4" (25mm) Pipe
	008	10 GPM (38 LPM), 1" (32mm) Pipe
	016	20 GPM (76 LPM), 1 1/4" (40mm) Pipe
	030	30 GPM (132 LPM), 1 1/2" (50mm) Pipe
	050	50 GPM (189 LPM), 2" (63mm) Pipe
	075	75 GPM (284 LPM), 2 1/2" (75mm) Pipe
	100	100 GPM (378 LPM), 3" (90mm) Pipe

FIELD 5	Additional Services:	
	Enter the codes for the desired additional services.	
	Code	Code Description
	FSP	Factory System Passivation
	WHD	Welding Documentation
	SZC	Seismic Zone Wet Stamp
	SZD	Seismic Zone Drawings Only (Calculations by Others)
	BSI	Boroscope Inspection

PROCESS & INSTRUMENTATION DIAGRAM

