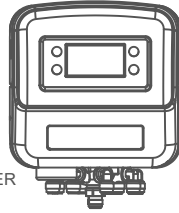


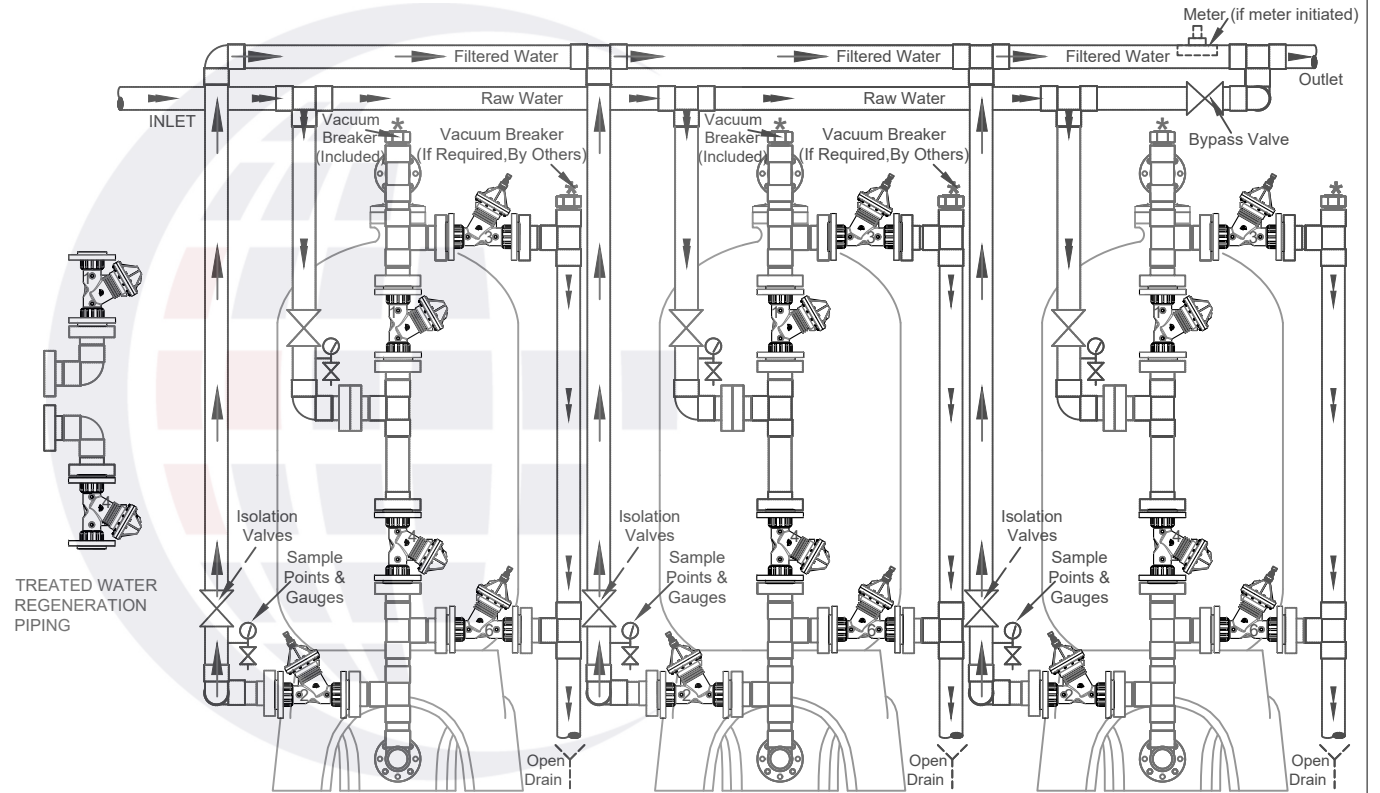
- LEGEND:
- ⊗ ISOLATION VALVE
 - ⊗ BYPASS VALVE
 - ⊗ PRESSURE GAUGE & SAMPLE POINT
 - ⊗ OPEN DRAIN
 - ⊗ VACUUM BREAKER
 - ⊗ RAW WATER LINES
 - ⊗ FILTERED WATER LINES
 - ⊗ WATER TO OPEN DRAIN

STAGER
CONTROLLER



DNX Series Triplex Model	Typical	Peak	RO	Max Flow To Drain	Pipe Size		Media	Mineral Tank		Installation		Shipping Weight	Operating Weight	
	Max. System Recommended Flow Rates				USGPM	Service	Drain	Per Tank	Diameter	Height	Height			Depth
	USGPM	USGPM	USGPM	in		in	CF	in	in	in	in	in	lbs	lbs
	l/s	l/s	l/s	mm	mm	(m ³)	mm	mm	mm	mm	mm	kg	kg	
DNX 30-2"	144.0	219.0	39.0	60.0	2"	2"	12.5	30	72	104	45	108	4,800	9,600
	9.1	13.8	2.5	3.8	50	50	0.35	762	1,829	2,642	1,143	2,743	2,178	4,356
DNX 36-3"	207.0	315.0	57.0	85.0	3"	3"	17.6	36	72	105	51	126	6,300	12,300
	13.0	19.8	3.6	5.4	75	75	0.50	914	1,829	2,667	1,295	3,200	2,858	5,581
DNX 42-3'	288.0	432.0	77.0	120.0	3"	3"	24.0	42	72	113	65	144	8,400	18,600
	18.1	27.2	4.9	7.6	75	75	0.68	1,067	1,829	2,870	1,651	3,658	3,811	8,439
DNX 48-4"	378.0	564.0	100.0	160.0	4"	4"	31.0	48	72	115	71	162	10,734	23,634
	23.8	35.5	6.3	10.1	100	100	0.88	1,219	1,829	2,921	1,803	4,115	4,870	10,723

Typical service based on 10 usgpm/ft² Peak based on 15 usgpm/ft² Flowrates may change depending upon actual feed water quality water conditions
Backwash flowrates based on cold water. If regeneration feed water is above 45°F, the backwash flow rate will have to be increased.



RAW WATER REGENERATION PIPING SHOWN

NOTES:

- MAXIMUM RECOMMENDED SYSTEM PRESSURE IS 100 PSIG (690 kPa).
- MAXIMUM RECOMMENDED SYSTEM TEMPERATURE IS 90° F (32°C).
- TANKS, AND MEDIA ARE NSF APPROVED. TRIPOD TANKS TO BE SECURELY ATTACHED TO THE FLOOR.
- ALL PIPING, FITTINGS, INTERCONNECTING PIPING, ISOLATION & SAMPLE VALVES AND GAUGES SHOWN BY BROKEN LINES ARE BY OTHERS
- SUPPLIED MANIFOLD IS SCH 80 PVC AND IS SUPPLIED WITH ONE VACUUM BREAKER. RECOMMENDED AIR RELEASE VALVE IS BY OTHERS. SYSTEM CAN BE PIPED AS RAW WATER OR TREATED WATER REGENERATION.
- ALL PIPING MUST BE PROPERLY SUPPORTED AND BRACE TO HANDLE THE THRUST OF THE CHANGE OF WATER FLOW (BY OTHERS)
- GLASS FIBER REINFORCED THERMOPLASTIC DIAPHRAGM VALVES ARE SEQUENCED BY AN ELECTRONIC MULTIPORT STAGER. ELECTRICAL POWER REQUIRED - 120 VOLT, 1 PHASE, 60 Hz. MULTI-TANK SYSTEMS ARE SERIES REGENERATION.

- SYSTEM MUST BE INSTALLED TO COMPLY WITH ALL FEDERAL, STATE, PROVINCIAL AND LOCAL CODES.
- FLOOR DRAINS MUST BE SIZED TO CARRY THE MAXIMUM LISTED FLOW TO DRAIN.
- REFER TO THE INSTALLATION AND OPERATION MANUAL FOR FURTHER DETAILS.
- MEDIA BED CONSISTS OF NSF APPROVED, NEXTSAND ON A GRADED SUPPORT BED

**DNX SERIES NEXTSAND
TRIPLEX FILTER SYSTEM**

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Project _____	Date 6/30/17	Rev _____
	Dwg # DNX 03	0