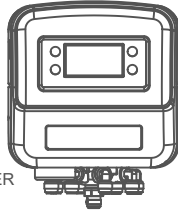


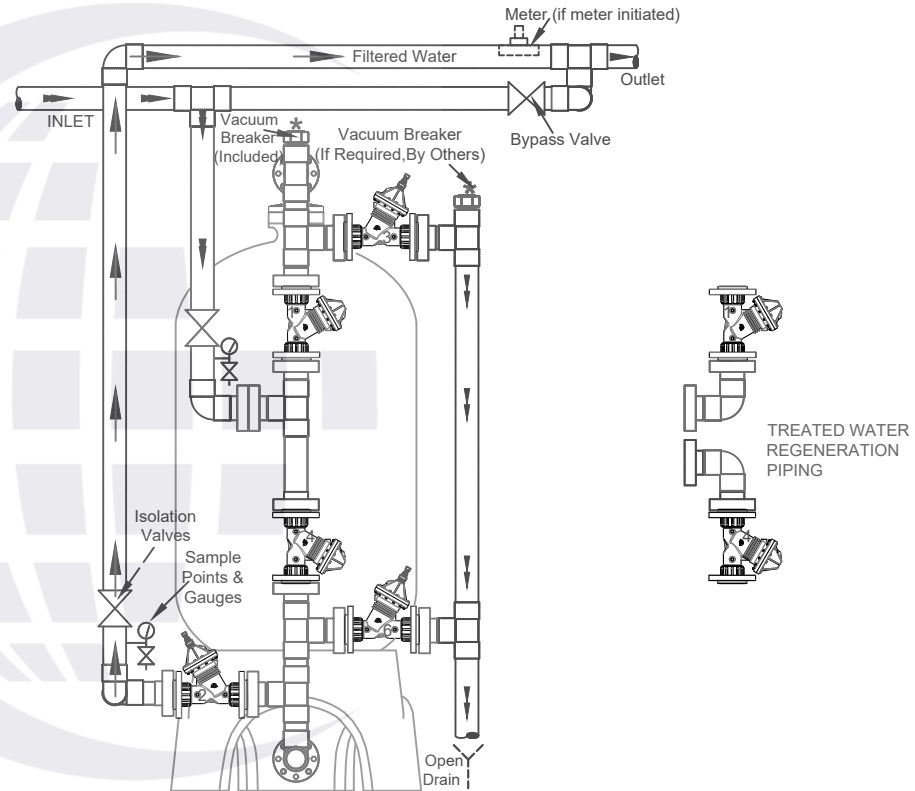
- LEGEND:
- ISOLATION VALVE
 - BYPASS VALVE
 - PRESSURE GAUGE & SAMPLE POINT
 - OPEN DRAIN
 - VACUUM BREAKER
 - RAW WATER LINES
 - FILTERED WATER LINES
 - WATER TO OPEN DRAIN

STAGER
CONTROLLER



DNX Series Single Model	Typical	Peak	RO	Max Flow To Drain	Pipe Size		Media	Mineral Tank		Installation			Shipping Weight	Operating Weight
	Max. Recommended Flow Rates				Service	Drain		Per Tank	Diameter	Height	Height	Depth		
	USGPM	USGPM	USGPM	USGPM	in	in	CF	in	in	in	in	in	lbs	lbs
	l/s	l/s	l/s	l/s	mm	mm	(m ³)	mm	mm	mm	mm	mm	kg	kg
DNX 30-2"	48.0	73	39.0	60.0	2"	2"	12.5	30	72	104	45	36	1,600	3,200
	3.0	4.6	2.5	3.8	50	50	0.35	762	1,829	2,642	1,143	914	726	1,452
DNX 36-3"	69.0	105	57.0	85.0	3"	3"	17.6	36	72	105	51	42	2,100	4,100
	4.3	6.6	3.6	5.4	75	75	0.50	914	1,829	2,667	1,295	1,067	953	1,860
DNX 42-3'	96.0	144	77.0	120.0	3"	3"	24.0	42	72	113	65	48	2,800	6,200
	6.0	9.1	4.9	7.6	75	75	0.68	1,067	1,829	2,870	1,651	1,219	1,270	2,813
DNX 48-4"	126.0	188	100.0	160.0	4"	4"	31.0	48	72	115	71	54	3,578	7,878
	7.9	11.8	6.3	10.1	100	100	0.88	1,219	1,829	2,921	1,803	1,372	1,623	3,574

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
SINGLE FILTER SYSTEM**

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	Dwg # DNX 01	