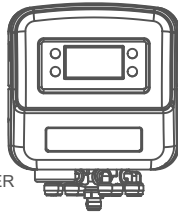


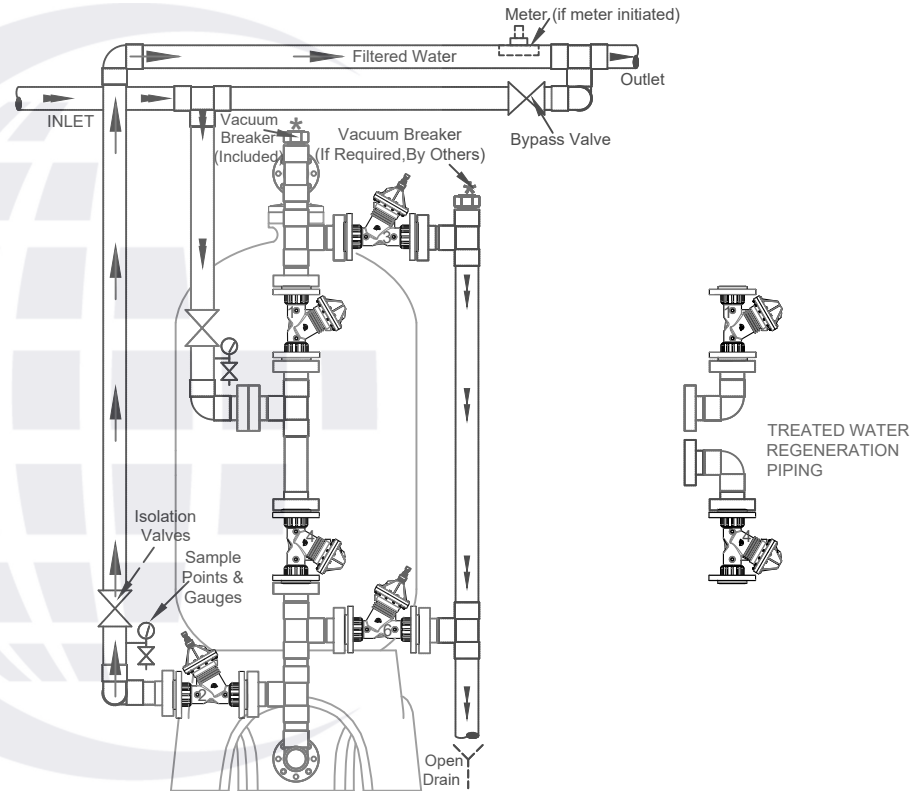
- LEGEND:
- ISOLATION VALVE
  - BYPASS VALVE
  - PRESSURE GAUGE & SAMPLE POINT
  - OPEN DRAIN
  - VACUUM BREAKER
  - RAW WATER LINES
  - FILTERED WATER LINES
  - WATER TO OPEN DRAIN

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					in	in	Per Tank	Diameter	Height	Height	Depth	Width		
	USGPM	USGPM	USGPM	USGPM	CF									in	in
	l/s	l/s	l/s	l/s	mm	mm	(m <sup>3</sup> )	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/ft<sup>2</sup> Peak based on 15 usgpm/ft<sup>2</sup> 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**

THIS DOCUMENT CONTAINS INFORMATION WHICH IS PROPRIETARY TO CANATURE WATERGROUP. THE REPRODUCTION, TRANSFER, OR OTHER EXPLOITATION OF ANY INFORMATION CONTAINED HEREIN IS NOT PERMITTED WITHOUT PRIOR WRITTEN APPROVAL OF CANATURE WATERGROUP. THE MANUFACTURER RESERVES THE RIGHT TO MAKE PRODUCT REVISIONS, WHICH MAY DEVIATE FROM THE SPECIFICATIONS AND DESCRIPTIONS STATED HEREIN WITHOUT OBLIGATION TO CHANGE PREVIOUSLY MANUFACTURED PRODUCTS OR TO NOTE THE CHANGE.



Project _____	Date 6/30/17	Rev 0
	Dwg # DNX 01	