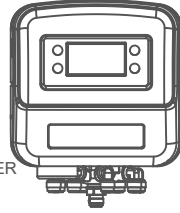


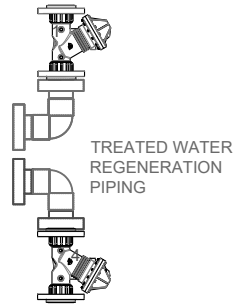
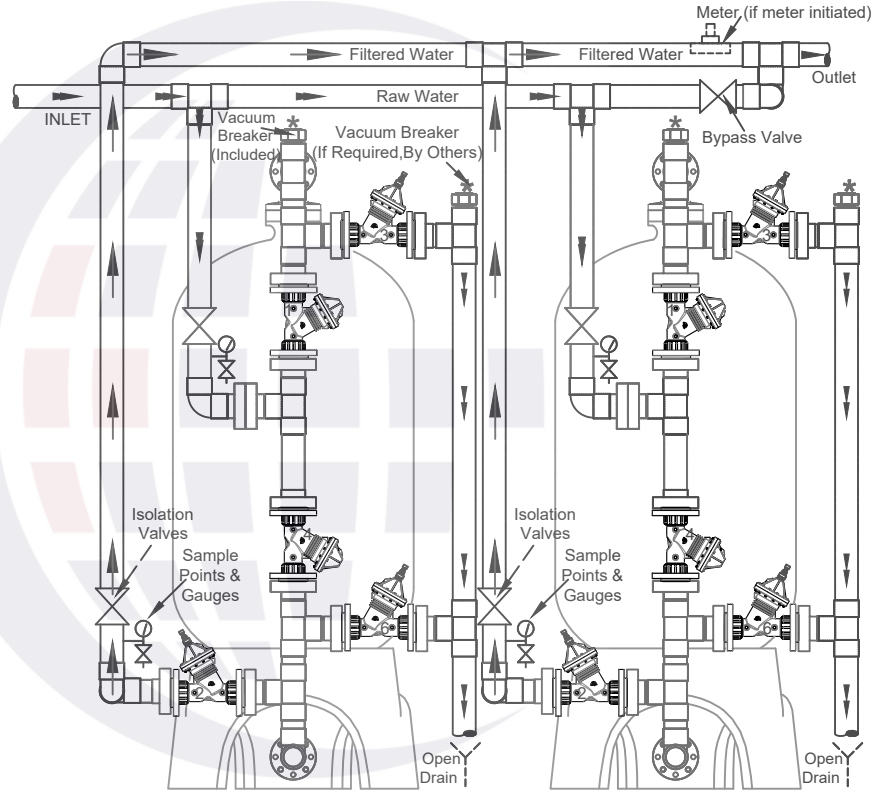
- LEGEND:
- ISOLATION VALVE
  - BYPASS VALVE
  - PRESSURE GAUGE & SAMPLE POINT
  - OPEN DRAIN
  - VACUUM BREAKER
  - RAW WATER LINES
  - FILTERED WATER LINES
  - WATER TO OPEN DRAIN

STAGER  
CONTROLLER



DNX Series Duplex Model	Typical	Peak	RO	Max Flow To Drain	Pipe Size		Media	Mineral Tank		Installation		Shipping Weight	Operating Weight	
	Max. System Recommended Flow Rates				Service	Drain	Per Tank	Diameter	Height	Height	Depth			Width
	USGPM	USGPM	USGPM	USGPM	in	in	CF	in	in	in	in	lbs	lbs	
	l/s	l/s	l/s	l/s	mm	mm	(m <sup>3</sup> )	mm	mm	mm	mm	kg	kg	
DNX 30-2"	96.0	146.0	78.0	60.0	2"	2"	12.5	30	72	0	45	72	3,200	6,400
	6.0	9.2	4.9	3.8	50	50	0.35	762	1,829	0	1,143	1,829	1,452	2,904
DNX 36-3"	138.0	210.0	114.0	85.0	3"	3"	17.6	36	72	0	51	84	4,200	8,200
	8.7	13.2	7.2	5.4	75	75	0.50	914	1,829	0	1,295	2,134	1,906	3,721
DNX 42-3'	192.0	288.0	154.0	120.0	3"	3"	24.0	42	72	0	65	96	5,600	12,400
	12.1	18.1	9.7	7.6	75	75	0.68	1,067	1,829	0	1,651	2,438	2,541	5,626
DNX 48-4"	252.0	376.0	200.0	160.0	4"	4"	31.0	48	72	0	71	108	7,156	15,756
	15.9	23.7	12.6	10.1	100	100	0.88	1,219	1,829	0	1,803	2,743	3,247	7,149

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.



- 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 DUPLIX FILTER SYSTEM

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Project \_\_\_\_\_ Date 6/30/17 Rev \_\_\_\_\_  
Dwg # DNX 02 0