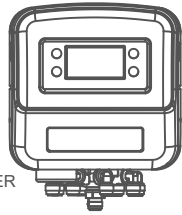


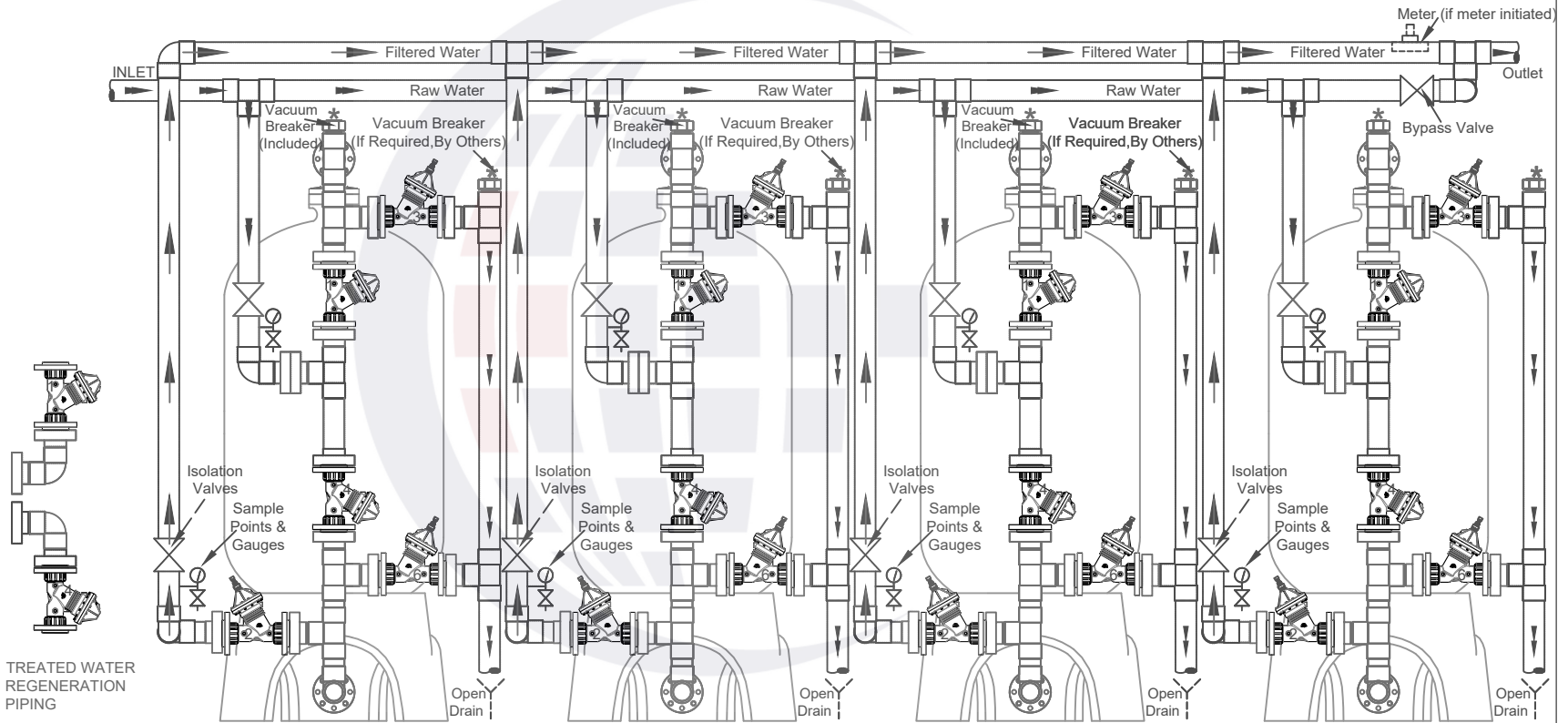
- LEGEND:
- ISOLATION VALVE
  - BYPASS VALVE
  - PRESSURE GAUGE & SAMPLE POINT
  - OPEN DRAIN
  - VACUUM BREAKER
  - RAW WATER LINES
  - FILTERED WATER LINES
  - WATER TO OPEN DRAIN

STAGER CONTROLLER



DNX Series Quadplex Model	Typical			Peak			RO			Max Flow To Drain		Pipe Size		Media	Mineral Tank		Installation		Shipping Weight	Operating Weight	
	Max. System Recommended Flow Rates						USGPM	in	in	CF	in	in	in	in	in	in	in	in	in	lbs	lbs
	USGPM	USGPM	USGPM	USGPM	in	in															
DNX 30-2"	192.0	292.0	39.0	60.0	2"	2"	12.5	30	72	104	45	144	6,400	12,800							
	12.1	18.4	2.5	3.8	50	50	0.35	762	1,829	2,642	1,143	3,658	2,904	5,808							
DNX 36-3"	276.0	420.0	57.0	85.0	3"	3"	17.6	36	72	105	51	168	8,400	16,400							
	17.4	26.5	3.6	5.4	75	75	0.50	914	1,829	2,667	1,295	4,267	3,811	7,441							
DNX 42-3"	384.0	576.0	77.0	120.0	3"	3"	24.0	42	72	113	65	192	11,200	24,800							
	24.2	36.3	4.9	7.6	75	75	0.68	1,067	1,829	2,870	1,651	4,877	5,082	11,252							
DNX 48-4"	504.0	752.0	100.0	160.0	4"	4"	31.0	48	72	115	71	216	14,312	31,512							
	31.8	47.4	6.3	10.1	100	100	0.88	1,219	1,829	2,921	1,803	5,486	6,494	14,298							

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  
QUADRAPLEX FILTER SYSTEM

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Project _____	Date 6/30/17	Rev _____
Dwg # DNX 04		0