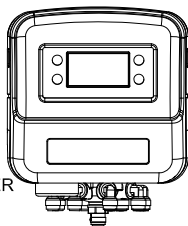


LEGEND:

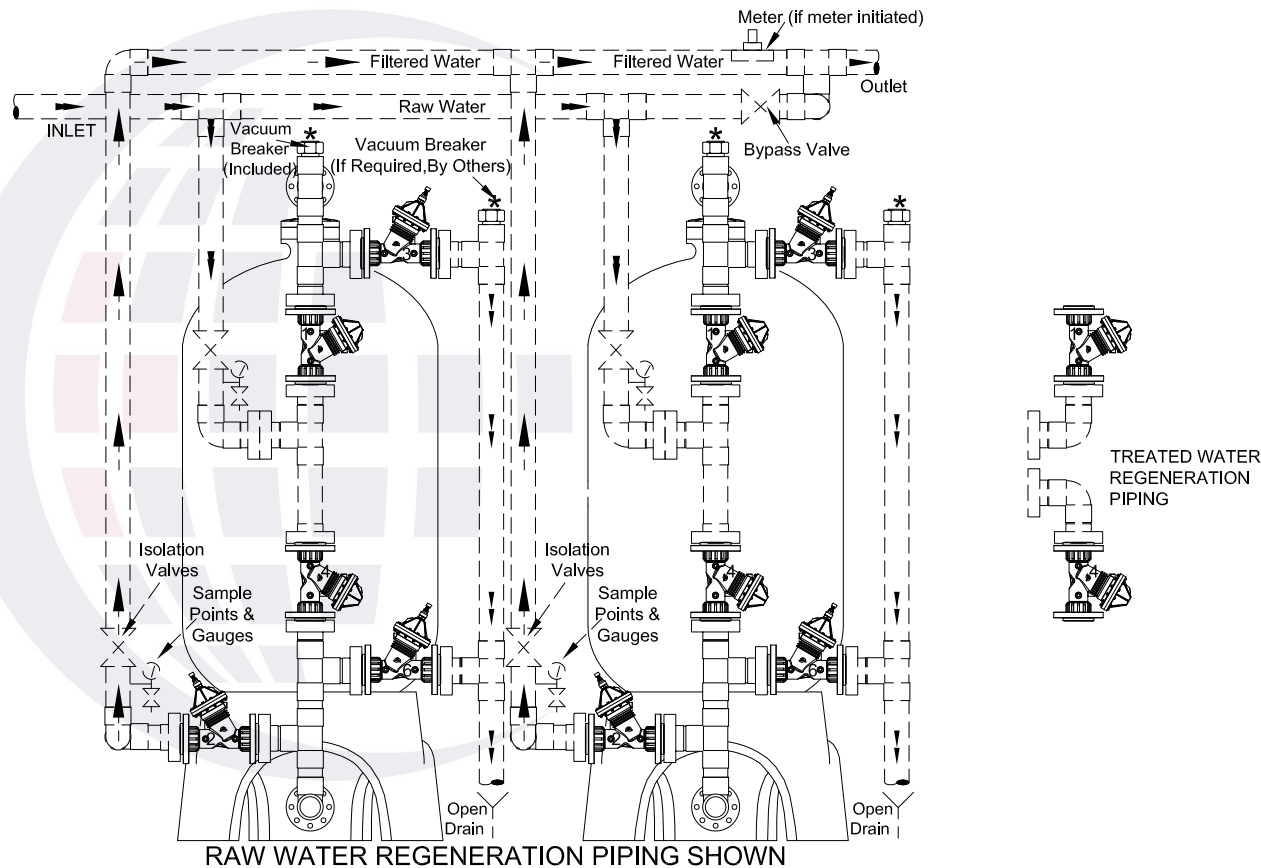
- ⊠ ISOLATION VALVE
- ⊠ BYPASS VALVE
- ⊗ PRESSURE GAUGE & SAMPLE POINT
- ∨ OPEN DRAIN
- * VACUUM BREAKER
- ▬ RAW WATER LINES
- ▬ FILTERED WATER LINES
- ▬ WATER TO OPEN DRAIN
- ▬ TREATED WATER LINES

STAGER
CONTROLLER



DNX Series Duplex Model	Typical		Peak	RO	Max	Pipe Size		Media	Mineral Tank		Installation			Shipping	Operatin
	Max Recommended Flow Rate				Flow To Drain	Service	Drain	Per Tank	Diameter	Height	Height	Depth	Width	Weight	g Weight
	USGPM	USGPM	USGPM	USGPM	USGPM	in	in	ft3	in	in	in	in	in	lbs	lbs
	l/s	l/s	l/s	l/s	l/s	mm	mm	m3	mm	mm	mm	mm	mm	kg	kg
DNX 30-2"	160	146	78	60	2"	2"	12.5	30	88	99	36	69	2,691	5,891	
	10.09	9.21	4.92	3.79	50	50	0.35	762	2235	2515	914	1753	1,221	2,673	
DNX 36-3"	138	210	114	85	2"	2"	17.6	36	87	100	42	81	3,668	8,268	
	8.71	13.25	7.19	5.36	50	50	0.50	914	2210	2540	1067	2057	1,664	3,751	
DNX 42-3"	192	288	154	120	3"	3"	24.0	42	95	108	48	93	5,072	11,872	
	12.11	18.17	9.72	7.57	75	50	0.68	1067	2413	2743	1219	2362	2,301	5,386	
DNX 48-4"	252	376	200	160	3"	3"	31.0	48	94	109	54	105	6,577	15,177	
	15.90	23.72	12.62	10.09	75	75	0.88	1219	2388	2769	1372	2667	2,984	6,886	

Typical service based on 10 usgpm/ft2 Peak based on 15 usgpm/ft2 Flowrates may change depending upon actual feed water quality conditions
Backwash flowrates based on cold water. If regeneration feed water is above 45 of, 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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	Dwg# DNX 01	