

PRODUCT APPROVALS OR ALTERNATE PRODUCT APPROVALS

Product Description: LEACHING CHAMBER

<u>Manufacturer's Name</u>	<u>Product Name</u>	<u>Model Number(s)</u>	<u>Approval Stipulation</u>	<u>GOOD THRU</u>
ADS, INC.	BIO DIFFUSER	11" STANDARD (EISA with out fabric = 31.1 sq. ft./chamber, EISA with fabric = 25.4 sq. ft./chamber w/fabric, Laying length = 6.21 ft., Width = 34 inches, Height = 11 inches, Max. depth of bury = 8 ft., Open bottom area = 15.2 sq.ft./chamber)	1274, 1296, 1297, 1298, 1299, 1622	06/07
ADS, INC.	BIO DIFFUSER	16" HIGH CAPACITY (EISA with out fabric = 31.1 sq. ft./chamber, EISA with fabric = 25.6 sq. ft./chamber w/fabric, Laying length = 6.21 ft., Width = 34 inches, Height = 16 inches, Max. depth of bury = 8 ft., Open bottom area = 15.3 sq.ft./chamber)	1274, 1296, 1297, 1298, 1299, 1622	05/06
ADS, INC.	BIO DIFFUSER BIO 3	Bio 3 (EISA with out fabric = 24.2 sq. ft./chamber, EISA with fabric = 19.2 sq. ft./chamber w/fabric, Laying length = 7.15 ft., Width = 22 inches, Height = 12 inches, Max. depth of bury = 8 ft., Open bottom area = 11.5 sq.ft./chamber)	1274, 1296, 1297, 1298, 1299, 1622	04/07
ADVANCED DRAINAGE SYSTEMS, INC.(ADS)	LEACHING CHAMBER	ARC 36 (EISA with out fabric = 25.0 sq. ft./chamber, EISA with fabric = 20.3 sq. ft./chamber w/fabric, Laying length = 5.0 ft., Width = 34.5 inches, Height = 13 inches, Max. depth of bury = 4 ft., Open bottom area = 12.1 sq.ft./chamber)	1274, 1296, 1297, 1298, 1299, 1622	10/10
CULTEC, INC.	CULTEC CONTRACTOR LEACHING CHAMBER	100N (EISA = 34.1 sq. ft./chamber, Laying length = 7.5 ft., Width = 35 inches, Height = 12-1/2 inches, Max. depth of bury = 8 ft. (H-10) or 20 ft (H-20), Open bottom area = 19.7 sq.ft./chamber)	1274, 1296, 1297, 1298, 1299	04/07
CULTEC, INC.	CULTEC CONTRACTOR MODEL EZ-24	EZ-24 (EISA = 14.7 sq. ft./chamber, Laying length = 8 ft., Width = 16 inches, Height = 12-1/2 inches, Max. depth of bury = 8 ft. (H-10) or 20 ft. (H-20), Open bottom area = 8.8 sq.ft./chamber)	1274, 1296, 1297, 1298, 1299	04/07
HANCOR INC	ENVIROCHAMBER	HI CAPACITY 135 gallon capacity model (EISA with out fabric = 31.1 sq. ft./chamber, EISA with fabric = 27.0 sq. ft./chamber w/fabric, Laying length = 6.21 ft., Width = 33.5 inches, Height = 18 inches, Open bottom area = 16.15 sq.ft./chamber)	1274, 1296, 1297, 1298, 1299, 1622	04/10
HANCOR INC	ENVIROCHAMBER	HI CAPACITY 138 gallon capacity model (EISA with out fabric = 30.7 sq. ft./chamber, EISA with fabric = 26.6 sq. ft./chamber w/fabric, Laying length = 6.13 ft., Width = 34 inches, Height = 17-1/2 inches, Open bottom area = 15.9 sq.ft./chamber)	1274, 1296, 1297, 1298, 1299, 1622	04/10

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(continued)

LEACHING CHAMBER

<u>Manufacturer's Name</u>	<u>Product Name</u>	<u>Model Number(s)</u>	<u>Approval Stipulation</u>	<u>GOOD THRU</u>
HANCOR INC	ENVIROCHAMBER	STANDARD (EISA with out fabric = 30.7 sq. ft./chamber, EISA with fabric = 26.6 sq. ft./chamber w/fabric, Laying length = 6.13 ft., Width = 34 inches, Height = 12 inches, Open bottom area = 15.9 sq.ft./chamber)	1274, 1296, 1297, 1298, 1299, 1622	04/10
INFILTRATOR SYSTEMS INC	HIGH CAPACITY SIDEWINDER CHAMBER	HIGH CAPACITY SIDEWINDER (EISA with out fabric = 31.0 sq. ft./chamber, EISA with fabric = 25 sq. ft./chamber, Laying length = 6.19 ft., Width = 34 inches, Height = 16 inches, Max. depth of bury = 8 ft., Open bottom area = 15.1 sq.ft./chamber)	1274, 1296, 1297, 1298, 1299, 1622	05/10
INFILTRATOR SYSTEMS INC.	QUICK4 STANDARD-W CHAMBER	QUICK4 STANDARD-W CHAMBER (EISA for chambers with out fabric = 20.0 sq. ft./chamber, EISA for chambers with fabric = 16.1 sq. ft./chamber w/fabric = 20.0 sq. ft./chamber, EISA for end caps = 5.8 sq. ft./pair of end caps, Laying length of chamber = 4.0 ft., Laying length of end caps = 1.0 ft., Width = 34 inches, Height = 12 inches, Max. depth of bury = 8 ft., Open Bottom area = 9.64 sq.ft./chamber, 3.5 sq.ft./pair of end caps)	1274, 1296, 1297, 1298, 1299, 1622	03/10
INFILTRATOR SYSTEMS, INC	EQUALIZER 36	EQUALIZER 36 (EISA with out fabric = 28.4 sq. ft./chamber, EISA with fabric = 22.6 sq. ft./chamber, Laying length = 8.36 ft., Width = 22 inches, Height = 13-1/2 inches, Max. depth of bury = 8 ft., Open bottom area = 13.5 sq.ft./chamber)	1274, 1296, 1297, 1298, 1299, 1622	03/10
INFILTRATOR SYSTEMS, INC	INFILTRATOR QUICK 4 STANDARD	INFILTRATOR QUICK 4 STANDARD (EISA for chambers with out fabric = 19.1 sq. ft./chamber, EISA for chambers with fabric = 15.2 sq. ft./chamber, EISA for end caps = 5.8 sq. ft./pair of end caps, Laying length of chamber = 4.0 ft., Laying length of end caps = 1.0 ft., Width = 34 inches, Height = 12 inches, Max. depth of bury = 8 ft., Open Bottom area = 9.1 sq.ft./chamber, 3.5 sq.ft./pair of end caps)	1274, 1296, 1297, 1298, 1299, 1622	02/09
INFILTRATOR SYSTEMS, INC	INFILTRATOR STANDARD	STANDARD (EISA for chambers with out fabric = 31.1 sq. ft./chamber, EISA for chambers with fabric = 25.9 sq. ft./chamber, Laying length = 6.22 ft., Width = 34 inches, Height = 12 inches, Max. depth of bury = 8 ft., Open bottom area = 15.5 sq.ft./chamber)	1274, 1296, 1297, 1298, 1299, 1622	04/07
INFILTRATOR SYSTEMS, INC	INFILTRATOR STANDARD SIDEWINDER	STANDARD SIDEWINDER (EISA for chambers with out fabric = 30.8 sq. ft./chamber, EISA for chambers with fabric = 24.8 sq. ft./chamber, Laying length = 6.16 ft., Width = 34 inches, Height = 12 inches, Max. depth of bury = 8 ft.,	1274, 1296, 1297, 1298, 1299, 1622	04/10

PRODUCT APPROVALS OR ALTERNATE PRODUCT APPROVALS

(continued) LEACHING CHAMBER

<u>Manufacturer's Name</u>	<u>Product Name</u>	<u>Model Number(s)</u> Open bottom area = 14.9 sq.ft./chamber)	<u>Approval Stipulation</u>	<u>GOOD THRU</u>
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Product Description: LEACHING SYSTEM, POLYSTYRENE AGGREGATE

<u>Manufacturer's Name</u>	<u>Product Name</u>	<u>Model Number(s)</u>	<u>Approval Stipulation</u>	<u>GOOD THRU</u>
RING INDUSTRIAL GROUP, EZFLOW	EZFLOW DRAINAGE SYSTEM	EZ1203H (3-12" bundles with pipe in center bundle in 5 ft. or 10 ft. length), EZ1203HP (3-12" bundles with pipe in each bundle in 5 ft. or 10 ft. length), EZ1201P (1-12" bundle with pipe in 5 ft. or 10 ft. lengths), EZ1201A (1-12" bundle containing aggregate only) and EZ0601A (1-6" bundle containing polystyrene aggregate only). (EISA of EZ1203 H or EZ1203HP in 5 ft. lengths = 25.0 sq. ft./product, EISA of EZ1203 H or EZ1203HP in 10 ft. lengths = 50.0 sq. ft./product, Width = 36 inches, Height = 12 inches, Max. depth of bury = 8 ft.)	1274, 1296, 1328, 1329, 1330, 1331, 1332, 1423, 1424, 1501	11/08

Product Description: LEACHING UNIT, GRAVELLESS

<u>Manufacturer's Name</u>	<u>Product Name</u>	<u>Model Number(s)</u>	<u>Approval Stipulation</u>	<u>GOOD THRU</u>
ELJEN CORP.	ELJEN IN-DRIAN SYSTEM	TYPE A,36"X24"x7" AND TYPE SAND, 18"x48"x7"	862, 1122	08/06

APPROVAL STIPULATIONS

- 862** This product must be installed in accordance with the manufacturer's printed instructions, the plan approval, and ch. Comm 83, Wis. Admin. Code, system sizing criteria. If there is a conflict between the manufacturer's instructions and the plan approval, the plan approval, product approval and code requirements will take
- 1122** This plumbing product may only be installed in conventional soil absorption systems, in ground pressure distribution systems and mound systems.
- 1274** This product must be installed in accordance with the manufacturer's printed instructions, product approval, and plan approval. If there is a conflict between the manufacturer's instructions and the product approval and/or plan approval, the product approval and/or plan approval will take precedence.
- 1296** When this product is installed in a dispersal cell that is sized based on the EISA rating stated in the regarding block of the product approval letter, this product must receive wastewater having a BOD5 value between 30 and 220 mg/L and a TSS value between 30 and 150 mg/L.
- 1297** When this product is installed in a distribution cell that is sized based on the EISA rating stated in the regarding block of the product approval letter, this product must be installed in individual excavations that create a row of chambers that are horizontally separated from other rows in other excavations by at least 3 feet. The 3-foot measurement is measured between the closest out side edges of the
- 1298** When this product is installed in a distribution cell that is sized based on the EISA rating stated in the regarding block of the product approval letter, the distribution cell design must allow at least six inches of ponding in the chambers without backflow of wastewater into the drainpipe that discharges into the chambers.
- 1299** When this product is installed in a distribution cell that is sized based on the EISA rating stated in the regarding block of the product approval letter, this product must be installed in a distribution system, which has the top of the distribution cell at or
- 1328** When this product is installed in a dispersal cell that is sized based on the EISA rating stated in the regarding block of the product approval letter, this product must be installed in individual excavations that create a dispersal cell that is horizontally separated from other dispersal cells in other excavations by at least 3 feet. The 3-foot measurement is measured between the closest outside edges of the product listed in the regarding block of the product approval letter.
- 1329** When this product is installed in a dispersal cell the design of the dispersal cell must allow at least six inches of ponding in the product without backflow of wastewater into the drainpipe that discharges into this product.
- 1330** When this product is installed in a dispersal cell that is sized based on the EISA rating stated in the regarding block of the product approval letter, this product must be installed in a dispersal system, which has the top of the dispersal cell at or below
- 1331** This product must have geotextile fabric that meets requirements of s. Comm 84.30 (6) (g), Wis. Adm. Code, installed directly on top of the product and extending down along the sides of the product to a point at least six inches from the bottom
- 1332** EISA means the Equivalent Infiltrative Soil Area per product which is used to size the soil treatment/dispersal cell using soil application rates specified in Table 83.44-1 or Table 83.44-2 of the Wis. Adm. Code.
- 1423** This product may be installed in dispersal cells in place of stone aggregate specified in approved POWTS Component Manuals or Department approved systems. When the distribution cell is not sized based on the EISA rating, the dispersal cell area must be equal to or greater than the area required for stone aggregate.

APPROVAL STIPULATIONS

- 1424** This product must be installed with the inlet invert of the distribution cell piping at least 6 inches above the infiltrative surface of the distribution cell.
- 1501** This product may be installed at a depth that exceeds the maximum depth stated in the regarding block of this approval, when the manufacturer provides in writing that the proposed installation depth is acceptable for the individual installation.
- 1622** When this product is installed with geotextile fabric on the sides of this product in a distribution cell that is sized based on the EISA rating stated in the regarding block of the product approval letter, the EISA rating with fabric must be used to size the

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