

June 3, 2010 RE-ISSUED 12/01/2010 INCLUDING ATTACHMENTS; updated 1/31/2011

INFILTRATOR SYSTEMS INC.
GOVERNMENT AFFAIRS DEPARTMENT
6 BUSINESS PARK RD
PO BOX 768
OLD SAYBROOK CT 06475

Re: Description: LEACHING CHAMBER
Manufacturer: INFILTRATOR SYSTEMS INC.
Product Name: QUICK4 PLUS STANDARD, QUICK4 PLUS STANDARD LOW PROFILE (LP) LEACHING CHAMBERS AND END CAPS
Model Number(s): QUICK4 PLUS STANDARD (INCLUDING QUICK4 PLUS ALL-IN-ONE 12 ENDCAP WITH TOP, END, OR SIDE PIPE INLET CONNECTIONS USED SINGLY OR IN PAIRS AT ENDS OF CHAMBER LINE, OR AS A MID-CHAMBER LINE CONNECTOR) AND QUICK4 PLUS STANDARD LOW PROFILE (LP), (INCLUDING QUICK4 PLUS 8 ENDCAP WITH END PIPE INLET CONNECTION USED SINGLY OR IN PAIRS AT ENDS OF LINE; AND QUICK4 PLUS ALL-IN-ONE 8 ENDCAP WITH TOP, END, OR SIDE PIPE INLET CONNECTIONS USED SINGLY OR IN PAIRS AT ENDS OF CHAMBER LINE, OR AS MID-CHAMBER LINE CONNECTOR)

QUICK 4 PLUS STANDARD, DIMENSIONS: 53.0 IN L. X 34.0 IN. W X 12.0 IN H; MAX. DEPTH OF BURY= 8 ft.
[EISA for chambers with or without fabric = 20.0 sq. ft./chamber, EISA for Quick4 Plus All-in-One 12 Endcap installed at the ends of a chamber row = 5.1 sq. ft./end cap, EISA for Quick4 Plus All-in-One 12 Endcap installed in-line within a chamber row = 3.6 sq. ft./end cap; Laying length of chamber = 4.0 ft., Laying length of Quick4 Plus All-in-One 12 Endcap installed at the end of a chamber row = 1.5 ft., Laying length of Quick4 Plus All-in-One 12 Endcap installed in-line within a chamber row = 0.9 ft., QUICK4 Plus Standard Open Bottom area = 9.72 sq. ft./chamber, Quick4 Plus All-in-One 12 Endcap installed at the end of a chamber row Open Bottom area = 3.1 sq. ft./end cap, Quick4 Plus All-in-One 12 Endcap installed in-line within a chamber row Open Bottom area 2.2 sq. ft./end cap; SEE ALSO ATTACHMENTS].

QUICK 4 PLUS STANDARD LOW PROFILE (LP), DIMENSIONS: 52.0 IN L. X 34.0 IN. W X 8.0 IN H; MAX. DEPTH OF BURY= 8 ft.
[EISA for chambers with or without fabric = 20.0 sq. ft./chamber; EISA for Quick4 Plus All-in-One 8 Endcap installed at the end of a chamber row = 2.3 sq. ft./end cap; EISA for Quick4 Plus All-in-One 8 Endcap installed in-line within a chamber row = 2.0 sq. ft./end cap; EISA for Quick4 Plus 8 Endcap installed at the end of a chamber row = 0.7 sq. ft./end cap; Laying length of chambers = 4.0 ft.; Laying length of Quick4 Plus All-in-One 8 Endcap installed at the end of a chamber row = 1.1 ft.; Laying length of Quick4 Plus All-in-One 8 Endcap installed in-line within a chamber row = 0.9 ft.; Laying length of Quick4 Plus 8 Endcap installed at the end of a chamber row = 0.4 ft.; **Quick4 Plus Standard Low Profile Open Bottom area = 9.77 sq. ft./chamber**; Quick4 Plus All-in-One 8 Endcap installed at the end of a chamber row Open Bottom area = 1.4 sq. ft./end cap; Quick 4 Plus All-in-One 8 Endcap installed in line within a chamber row Open Bottom Area = 1.2 sq. ft./end cap; Quick 4 Plus 8 Endcap installed at the end of a chamber row Open Bottom Area = 0.4 sq. ft./end cap SEE ALSO ATTACHMENTS]

Product File No: 20100248

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters Comm 82 through 84, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. **This approval is valid until the end of June 2015.**

This approval is contingent upon compliance with the following stipulation(s):

- 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.
- 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.
- 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 outside edges of the leaching chambers.
- 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.
- 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 below original grade.
- 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 system.
- When this product is installed next to each other in a distribution cell that is NOT sized based on the EISA rating stated in the regarding block of the product approval letter, the effluent distribution area is equal to the length times the width of the chambered area. The use of geotextile fabric in this type of installation is optional.
- 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 geotextile fabric must meet all of the following specifications:
 - . Geotextile shall be non-woven
 - . Weight shall be 0.35 oz/sq yd to 1.5 oz/sq yd
 - . Apparent opening size (AOS) shall be 20-30 U.S. Sieve (ASTM D-4751).
- For mound designs, see the manufacturer's propriety mound component manual for this product line.
- As of 6/1/2010, an optional location of observation pipes is recognized. Observation ports may be located at opposite ends of the dispersal area, and 1/5 to 1/10 the length of the chamber row measured from the end of the row with a minimum of one observation pipe per chamber row. Where the top of the end cap is configured to accept an observation pipe (QUICK 4 PLUS Standard and QUICK 4 PLUS standard Low Profile models), the location may be at the ends of the distribution cell mounted through the end cap.
- Additional information is included as attachment(s) to this letter; see attachment A and B.

This approval letter shall be incorporated with your previously approved plans and/or specifications approved under product file number 20090165 dated 8/10/2009.

INFILTRATOR SYSTEMS INC.

Page 3

June 3, 2010

Product File No: 20100248

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

Jean M. MacCubbin, CST
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Attachments A&B