

Unit buried up to this depth

FEATURES

- Proven effective - 3rd party, peer reviewed documented results.
- Small pre-wired enclosure – quick and easy to install.
- Intermittent blower operation results in electrical savings.
- Separation function of septic tank not jeopardized.
- No additives or “designer bugs” required
- No diffuser to clog or clean.
- Provides micro-dosing of wastewater to leach field.

SoilAir products are manufactured by:
Geomatrix, LLC
114 Mill Rock Road East
Old Saybrook, CT 06475
860-510-0730 – P
860-510-0735 - F
888-SOILAIR
www.soilair.com

Geomatrix products manufactured under one or more of the following U.S. Patents; 6,485,647, 6,726,401, 6,814,866, 6,887,383, 6,923,905, 6,959,882, 6,969,464, 7,157,011, 7,309,434, 7,351,005, 7,374,670, 7,465,390. Other U.S. and foreign patents pending.

Model RF-3952TB

The SoilAir™ Model # RF-3952TB is utilized for rejuvenation of failed leach fields and for enhanced treatment of wastewater. This basic model is controlled by a 7 day programmable timer and an optional line voltage float switch. The timer can be set to control the operation of the system on a daily basis, allowing the system to be shutdown on certain days or times, or to run more or less on other days, depending of flows or other constraints.

If the blower static back pressure is greater than 2 inches of water column, and the system is configured for gravity flow, the timer must be programmed to shut down the blower to allow water to pass to the leach field. Alternatively, on a gravity system, an optional float switch can be installed in the outlet baffle or effluent filter to automatically dose a set volume of effluent to the leach field. A float can also be utilized in conjunction with a pump system to alternate the flow of air and water.

SPECIFICATIONS

Enclosure:

H.D.P.E., weather/UV rated. Pedestal base for burial

Nominal dimensions:

23.5" long x 19" wide x 30" high

18" long x 14" wide x 20" high - installed/buried

Weight:

42 lbs.

Electrical:

0.5 Hp, 60 Hz: 115 volt, 4.8 amps @ full load with surge protection

Controls:

Pre-wired 115 volt, 7 day LCD programmable timer, battery backup

Air piping connection:

2" sch. 40 PVC

2" sch. 40 PVC air line ≤ 50' run

Sound level:

≤ 50 dbA @ 10'

Treatment capacity*:

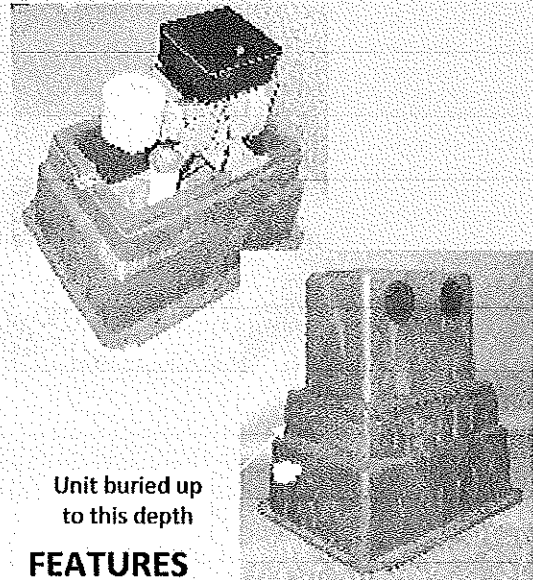
Up to 5 bedrooms wastewater BOD ≤ 400 mg/L

*contact representative for rejuvenation applications for larger systems

OPTIONS

- In-tank assembly with level switch
- Relay input for use with low voltage floats or pressure transducers
- Smoke port

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Model
RF-3952MP – RF-5264MP

SoilAir™ units are utilized for rejuvenation of failed leach fields and for enhanced treatment of wastewater. All are controlled by a microprocessor controller. One year of remote monitoring is standard with these models. The controller can log 365 days worth of data the timer can be set to control the operation of the system on a daily basis, allowing the system to be shutdown on certain days or times, or to run more or less on other days, depending of flows or other constraints.

If the blower static back pressure is greater than 2 inches of water column, and the system is configured for gravity flow, the timer must be programmed to shut down the blower to allow water to pass to the leach field. Alternatively, on a gravity system, an optional float switch can be installed in the outlet baffle or effluent filter to automatically dose a set volume of effluent to the leach field. A float can also be utilized in conjunction with a pump system to alternate the flow of air and water.

SPECIFICATIONS

Enclosure:

H.D.P.E., weather/UV rated. Pedestal base for burial - Nominal dimensions:
 30” long x 24” wide x 30” high
 25” long x 19” wide x 20” high - installed/buried

Weight:

RF 3952MP	RF-5264MP
72 lbs	74 lbs

Electrical:

Model	HP	Volts	Amps
RF 3952MP	.5	115	4.8
RF 5264MP	.75	208/230	4.9
@ full load with surge protection			

Air piping connection: sch. 40 PVC

RF 3952MP	RF-5264MP
2”	2”
Max run 50’	Max run 50’

Sound level: dbA @ 10’

RF 3952MP	RF-5264MP
50	62

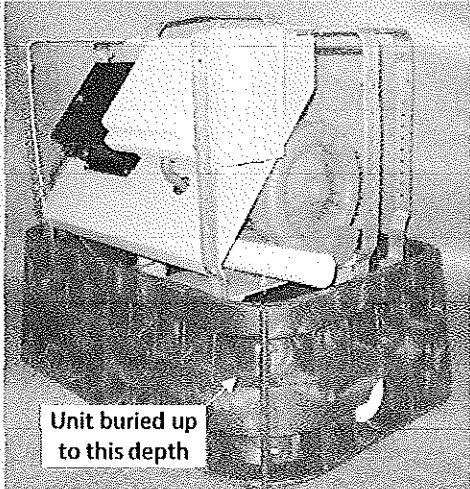
Treatment capacity*

Model	Max ft ²	Max gpd
RF3952MP	900	925
RF5264MP	1156	925

*contact representative for additional information

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SoilAir™ systems



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BENEFITS OF SOILAIR

- Rapidly restores proper septic system function
- Enhanced B.O.D., pathogen, nitrogen & phosphorus removal
- Minimal disruption and damage to existing landscaping
- Lower installation, operation & maintenance costs
- Long term solution

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Models

**RF-5295MP • RF-9858MP • RF-15652MP
 RF-21650MP • RF-29450MP**

SoilAir™ units are utilized for rejuvenation of failed leach fields and for enhanced treatment of wastewater. All are controlled by a microprocessor controller. One year of remote monitoring is standard with these models. The controller can log 365 days worth of data and can be set to control the operation of the system on a daily basis, allowing the system to be shutdown on certain days or times, or to run more or less on other days, depending on flows or other constraints.

On a gravity systems, an optional float switch can be installed in the outlet baffle or effluent filter to automatically dose a set volume of effluent to the leach field. A float can also be utilized in conjunction with a pump system to alternate the flow of air and water.

SPECIFICATIONS

Enclosure:

H.D.P.E., weather/UV rated. Pedestal base for burial - Nominal dimensions:
 38" long x 26" wide x 33" high
 38" long x 26" wide x 25" high - installed/buried

Weight:

RF 5298MP	RF-9858MP	RF15652MP	RF21650MP	RF29450MP
160 lbs	167 lbs	175 lbs	192 lbs	226 lbs

Electrical:

Model	HP	Volts	Amps	Rec. Breaker
RF 5298MP	1	208/230	6.5	20
RF 9858MP	1.5	208/230	7.3	20
RF15652MP	2.0	208/230	12.0	30
RF21650MP	3.0	208/230	16.0	30
RF29450MP	4.0	208/230	12.9	25

@ full load with surge protection
 Models 3HP and smaller also available in 3 phase upon request -
 RF29450 MP available in 3 phase only

Air piping connection: sch. 40 PVC

RF5298MP	RF9858MP	RF15652MP	RF21650MP	RF29450MP
2"	3"	3"	4"	4"
Max run 50'	Max run 50'	Max run 50'	Max run 100'	Max run 100'

Sound level: dbA @ 10'

RF5298MP	RF9858MP	RF15652MP	RF21650MP	RF29450MP
64.8	64.8	70.5	73.0	78.7

Treatment capacity*

Model	Max ft ²	Max gpd
RF5298MP	1156	925
RF9858MP	2178	1742
RF15652MP	3467	2774
RF21650MP	4800	3840
RF29450MP	6533	5226

*contact representative for additional information

Time dosing, dual alternating pump controls and other options available.

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