

LOWRIDGE ON SITE TECHNOLOGIES, INC.

April, 2025

Catalog

CONDrip-P: Continuous drip package:



The CONDrip-P package includes all the specialty parts for continuous flush drip system: Timed control panel, continuous flush headworks (HWN-1-CON), LOT-30 pump, two air relief valves, Two pit

boxes, 100' roll blank tubing, two float switches, 1" union, and float bracket.

G-100: 0-100 psi pressure gauge:

These gauges are back mount only and come with numbering stickers (1, 2, and 3) in each gauge box.

HWN-B: Headworks box extension/riser.

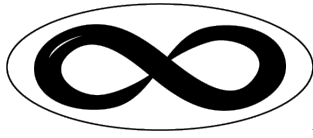


The extension riser will allow any of our headworks to be installed up to 12" deeper than the normal burins depth. It comes with 8 self tapping stainless steel screws and instructions.

HWN-BL: Headworks Box w/lid.

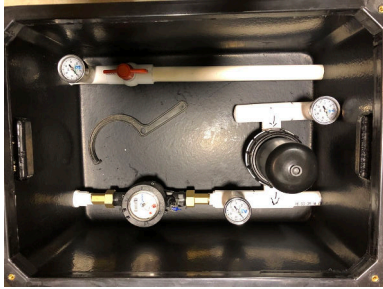


This box and lid are specifically designed for the onsite industry. There is a molded bottom and sides. The sides of the box are perfectly vertical. This allows for ease of access to contents.



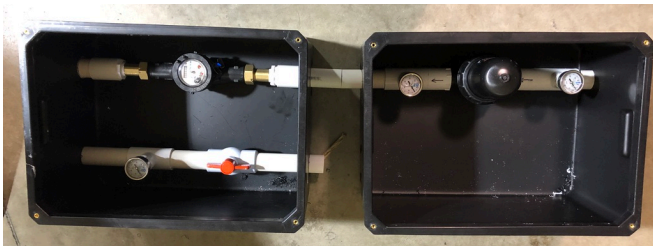
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HWN-1-CON: Continuous flush headworks .



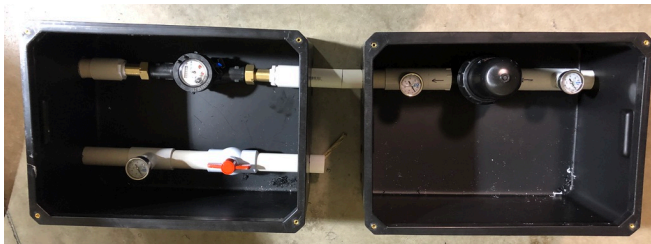
This headworks includes three oil filled pressure gauges (0-100 psi), a 1" disc filter (120 mesh, 130 micron) and a 3/4" flow meter (US gallons), and a 1" ball valve. Good for 1-15 gpm flow.

HWN-1.5-CON-20: Continuous flush headworks .



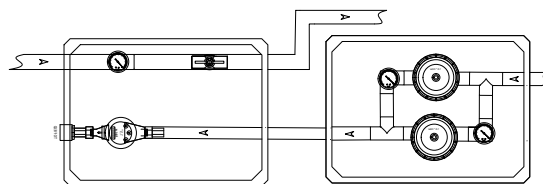
This headworks includes three oil filled pressure gauges (0-100 psi), a 1.5" disc filter (120 mesh, 130 micron) and a 1" flow meter (US gallons), and a 1.5" ball valve. Flow rating from 1-20 gpm.

HWN-1.5-CON-35: Continuous flush headworks.

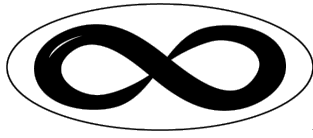


This headworks includes three oil filled pressure gauges (0-100 psi), a 1.5" disc filter (120 mesh, 130 micron) a 1.5" flow meter (US gallons), and a 1.5" ball valve. Rated at 1-35 gpm.

HWN-1.5-CON-55: Continuous flush headworks.



This headworks includes three oil filled pressure gauges (0-100 psi), two 1.5" disc filters (120 mesh, 130 micron) and a 1.5" flow meter (US gallons), and a 1.5" ball valve. Flow rated for 1-55 gpm.



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HWN-LPD-4: Headworks box for low pressure distribution systems for 4 laterals.



The LPD-Headworks box eliminates the need to field engineer and build a manifold headworks for LPD systems. 2" manifolds, 1.5" ball valves, and bushings to facilitate multiple size lateral diameters: 1", 1.25", and 1.5". Will handle systems of up to 4 laterals.

HWN-LPD-8: Headworks box for low pressure distribution systems for 8 laterals.

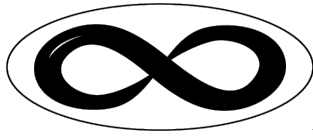


The LPD-Headworks box eliminates the need to field engineer and build a manifold headworks for LPD systems. 2" manifolds, 1.5" ball valves, and bushings to facilitate multiple size lateral diameters: 1", 1.25", and 1.5". Will handle systems up to 8 laterals.

LFGS-50: Treatment media for the LOWeLLOW treatment system, 50 cu. ft. tote bags.



Growstone is made of recycled crushed glass. Each 50 cu. ft. tote bag weighs approximately 800 pounds. One tote bag is needed for each LOWeFLOW basin.



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LF-500: LOWeFLOW treatment system for up to 500 gpd design flow.



Includes 5' diameter basin, 3" ADS under drain, reverse flush headworks w/flow meter, 1/2 hp pump, control panel, four float switches, LOWeFLOW coil and plumbing, and adapters.

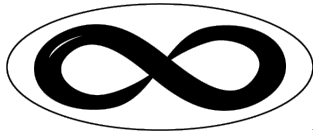


LFOS: OSCAR-LOWeFLOW treatment system for up to 500 gpd design flow.



Includes 5' diameter basin, 3" ADS under drain, reverse flush headworks w/flow meter (HWN-.7-RF), 1/2 hp pumps (2), control panel (LF2P-RF-OS), four float switches, LOWeFLOW coil and plumbing, OSCAR headworks, and misc. adapters.





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LFOS+1: OSCAR-LOWeFLOW treatment system for design flows from 500 gpd up to 1,000 gpd.



Includes 5' diameter basins (2), 3" ADS under drain, reverse flush headworks w/ flow meter (HWN-1-RF), 1/2 hp pumps (2), control panel (LF2P-RF-OS), four float switches, LOWeFLOW coils (2) and plumbing, OSCAR headworks, and misc. adapters.

LOT-30: Standard Lowridge 30 gpm pump.

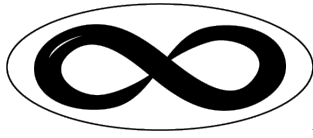


The LOT-30 is a 1/2 hp, 115 volt, 30 gpm pump. Weight, 23 pounds.

OS-50: OSCAR coil



Drip tubing coils for the OSCAR-LOWeFLOW, OSCAR-II and OSCAR-III systems. Pre assembled on a bracket. Also called a 5' coil.



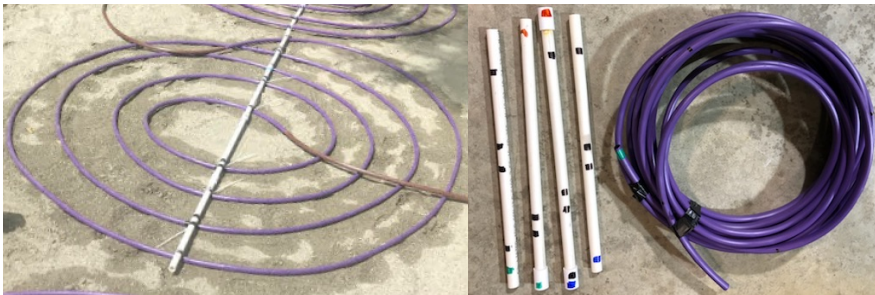
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OS-50B: OSCAR coil shipped in a box.



Drip tubing coils for the OSCAR-LOWeFLOW, OSCAR-II and OSCAR-III systems. Also called a 5' coil.

OS-100B: OSCAR coil shipped in a box.

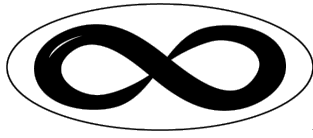


Drip tubing coils for the OSCAR-LOWeFLOW, OSCAR-II and OSCAR-III systems. Also called a 7' coil.

OS-II Kit: OSCAR-II kit for and OSCAR-II or OSCAR-III treatment system.



OSCAR-II kit includes a control panel (LF1P-RF-BLWRR), reverse flush headworks (HWN-.7-RF), 1/2 hp pump, float switches (2), 100' roll blank tubing, and misc. fittings and adapters.



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OS-II Kit-ID: OSCAR-II kit for OSCAR-II treatment system, State of Idaho.

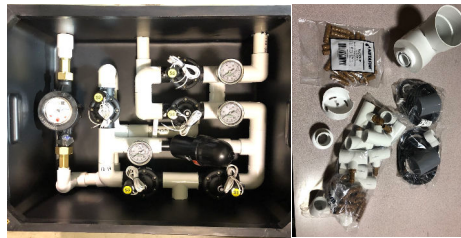


OSCAR-II kit-ID includes a control panel (LF1P-RF), reverse flush headworks (HWN-.7-RF), 1/2 hp pump, float switches (2), 100' roll blank tubing, and misc. fittings and adapters specifically for Idaho.



RFDrip-.7-kit: Reverse flush subsurface drip kit.

Can
an ATU.
the ability
pump (up
headworks
alarm and
breaker
switch. Kit



Netafim adapters, 25- 17 mm couplings, 1.25" x 1" male adapter reducer, 1" PVC union, two float switches, LF1P-RF-BLWR control panel, 100' of blank tubing, and a HWN-.7-RF reverse flush headworks.

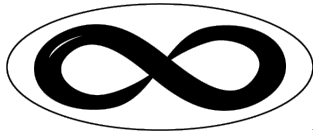
be used with septic tank effluent or
The control panel (LF1P-RF-BLWR) has
to operate a 110 volt or 230 volt
to 16 amp), our reverse flush
(HWN-.7-RF), two floats (high level
timer enable) a blower motor circuit
(10 amp) with low pressure alarm
comes with 4"x1" tee, 1" fittings with

V-1D: 1" solenoid valve, diaphragm style.



The V-1D 1" solenoid valve is the least commonly used solenoid in Lowridge products. These valves feature a removable solenoid piston and exclusively red connecting wires. Each valves is accompanied by identifying labels (S1, S2, S3, S4, & S5).



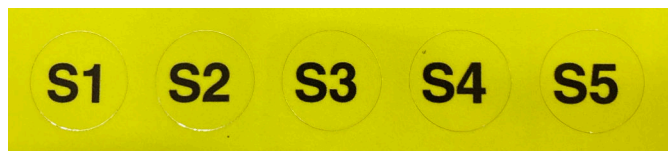


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V-1G: 1" solenoid valve, globe style.



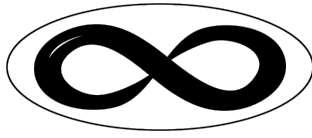
The V-1G 1" solenoid valve is the most common currently used solenoid used in Lowridge products. These valves feature a non-removable solenoid piston and exclusively white connecting wires. Each valve is accompanied by identifying labels (S1, S2, S3, S4, & S5).



XO₂ Kit: OSCAR-XO₂ treatment system.



The OSCAR-XO₂ treatment system includes a control panel (LF1P-RF-AR), headworks (HWN-.7-RF), floats, misc fittings, pump, blank tubing, aerator, and diffusers. OSCAR coils are not included.



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XO₂M Kit: OSCAR-XO₂ treatment system.



The OSCAR-XO₂M treatment system includes a control panel (LF1P-RF-AR), headworks (HWN-.7-man), floats, misc fittings, pump, blank tubing, aerator, and diffusers. OSCAR coils are not included.

XO₂-15 Kit: OSCAR-XO₂ treatment system.

The XO₂-15 treatment systems include a control panel (LF1P-RF-IR-DAX-ARA), headworks (HWN-1-RF), float switches, misc. fittings, pumps (2), blank tubing, aerators (up to 3), and diffusers. This kit can handle up to 1500 gallons per day. OSCAR coils are not included. Kits with specific numbers of aerators are priced differently and have a unique code number.

XO₂-15: One aerator, 1-500 gpd.

XO₂-15+1: Two aerators, 501-1000 gpd.

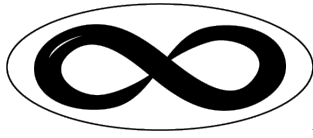
XO₂-15+2: Three aerators, 1001-1500 gpd.

XO₂-35 kit: OSCAR-XO₂ treatment system, up to 4 zones:

The XO₂-35 treatment systems include a control panel (LF1P-RF-IR-DAX-C4-ARA), headworks (HWN-1-RF-C4), float switches, misc. fittings, pumps (2), blank tubing, aerators (up to 7), and diffusers. This kit can handle up to 4 zones and up to 1500 gallons per zone. OSCAR coils are not included. The 4 zone panels can be used on systems with 2, 3, or 4 zones. Kits with specific numbers of aerators are priced differently and have a unique code number.

XO₂-35: One aerator, 1-500 gpd. (specify number of zones)

XO₂-35+1: Two aerator, 501-1000 gpd. (specify number of zones)



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XO2-35+2: Three aerator, 1001-1500 gpd. (specify number of zones)

XO2-35+3: Four aerator, 1501-2000 gpd. (specify number of zones)

XO2-35+4: Five aerator, 2001-2500 gpd. (specify number of zones)

XO2-35+5: Six aerator, 2501-3000 gpd. (specify number of zones)

XO2-35+6: Seven aerator, 3001-3500 gpd. (specify number of zones)

Note*: An HB-200 can be used in place of 2.5 XP-80s.