

"QUALITY PUMPS SINCE 1939"

Product information presented here reflects conditions at time of publication. Consult factory regarding discrepancies or inconsistencies.

ZOELLER
PUMP CO.



SECTION: 2.60.045

FM1647

0110

Supersedes

0309

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www.zoeller.com

CRAWL SPACE[®] PUMPING SYSTEMS

"ADD-ON" SERVICE FOR:

- Pest control operators
- Waterproofers
- Remodelers
- Structural repair services

HELPS ELIMINATE . . .

- Mold and fungus which cause allergies
- Moisture damage to wood, metal ducts and insulation
- Rodents - slugs - insects - pests
- Insecticide dilution
- Odor
- Water pooling in yard, on drive, patio and around house

COMPARE THESE FEATURES . . .

- Nonclog vortex impeller
- UL Listed 3-wire plug: 25' power cord*
- Corrosion resistant epoxy paint
- Passes ½" spherical solids
- Dimensions - Overall height: 14-7/8",
Upper flange width - 15-5/8",
Body width - 12-1/4"

*Excludes Economy System - Economy unit has UL Listed 3-Wire 20' power cord.

Helps eliminate water and dampness for your customers!



System Includes:

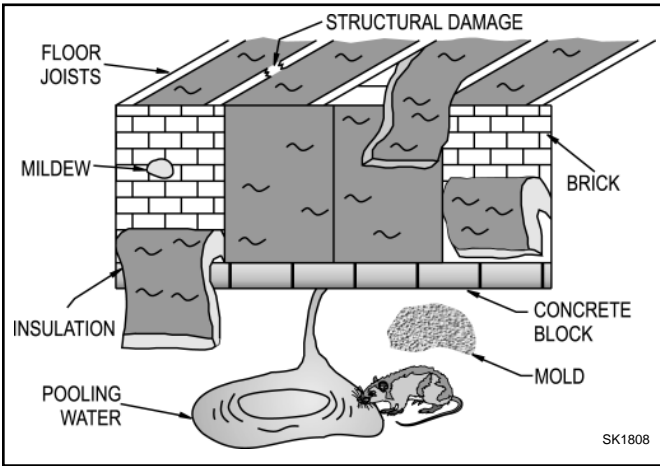
- ✓ Automatic Pump
- ✓ 24' Hose
- ✓ Tank Assembly

Additional models and accessories available.

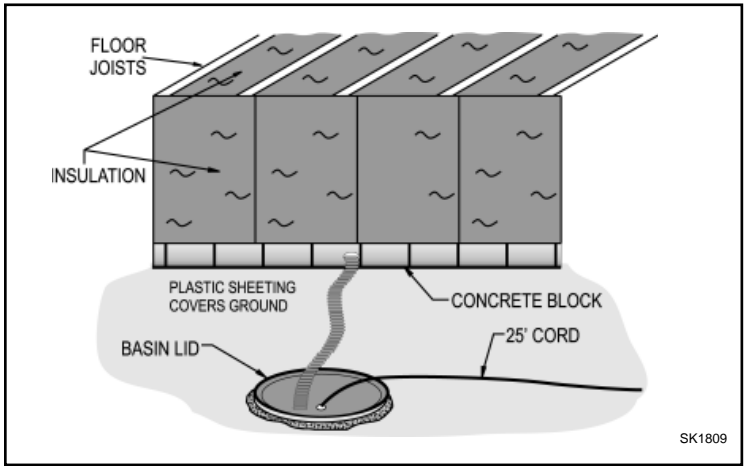


"QUALITY PUMPS SINCE 1939"

GO FROM THIS . . .



TO THIS . . .



WITH THIS . . .

Basic System 108-0001 (Model 53 Pump)				
MODEL		53		
Feet	Meters	Gal.	Liters	
5	1.5	43	163	
10	3.0	34	129	
15	4.6	19	72	
Shut-off Head:		19.25 ft. (5.9m)		

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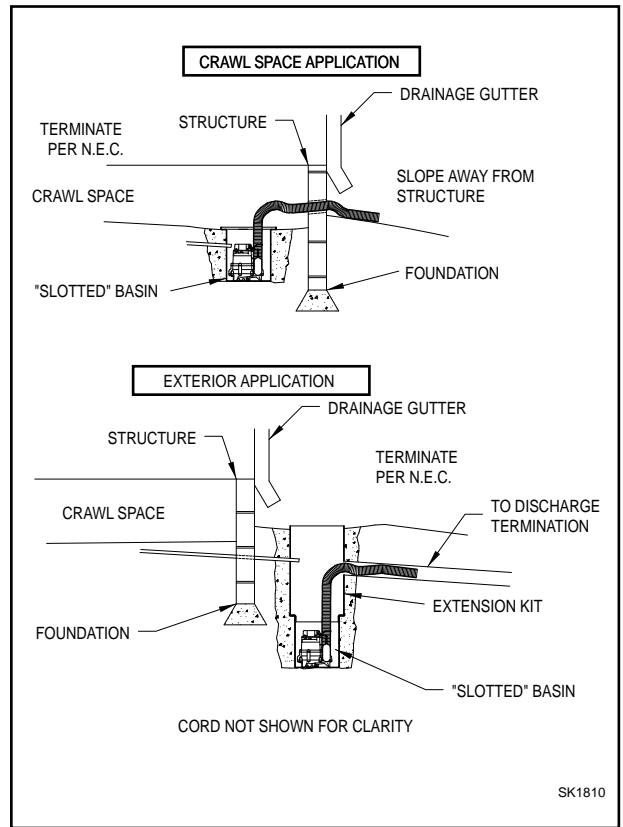
High Flow System 138-0001 (Model 98 Pump)				
MODEL		98		
Feet	Meters	Gal.	Liters	
5	1.5	72	273	
10	3.0	61	231	
15	4.6	45	170	
20	7.1	25	95	
Shut-off Head:		23 ft. (7.0m)		

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Economy System 108-0009 (Model WM49 Pump)				
MODEL		49		
Feet	Meters	Gal.	Liters	
5	1.5	32	121	
10	3.0	25	95	
15	4.6	10	38	
Shut-off Head:		18 ft. (5.5m)		

018141

TOTAL DYNAMIC HEAD/ CAPACITY PER MINUTE DEWATERING



INSTALLATION INSTRUCTIONS UNDER THE STRUCTURE (Detailed installation instructions (FM1648) is included with unit.)

1. Select an area that collects water, typically near a foundation, and dig a hole approximately 6" wider and deep enough to allow the tank lid to be 2" above the ground.
2. If installing drain lines or weep tiles, complete the installation before placing basin in pit.
3. Place "slotted" basin (and extension, if used) in pit and install pump into pit. Connect drain lines or weep tiles to basin.
4. Place plastic sheeting on the ground after grading ground towards pit (available at hardware stores or garden centers).
5. Run power cord to a 3-prong grounded receptacle (per the NEC) and direct discharge line away from structure.
6. Test unit*
7. Backfill with clean gravel that is larger than the slots in the basin. Check system once a year for debris and clean as necessary.

OUTSIDE INSTALLATION

(Applications include: low crawl space, hydrostatic pressure relief around foundation, basement walls, or under slabs.)

1. Install basin at the low end of the grade outside the foundation using above guidelines.
(Use extension kit P/N 10-0786 to get the pump below the frost line.)
2. Drill hole for 1-1/4" to 2" PVC pipe through the foundation even with the footing and install pipe to pit. Under the house and next to the pipe, dig out a 3 to 4 sq. ft. pad area 2" to 3" deep (level with pipe) and fill with concrete or gravel.

NOTE: If backflow from the discharge line "short-cycles" the pump, then a check valve (P/N 30-0183) should be installed in the discharge line below the frost line. Refer to section 5.1 in the installation instructions (FM1648).