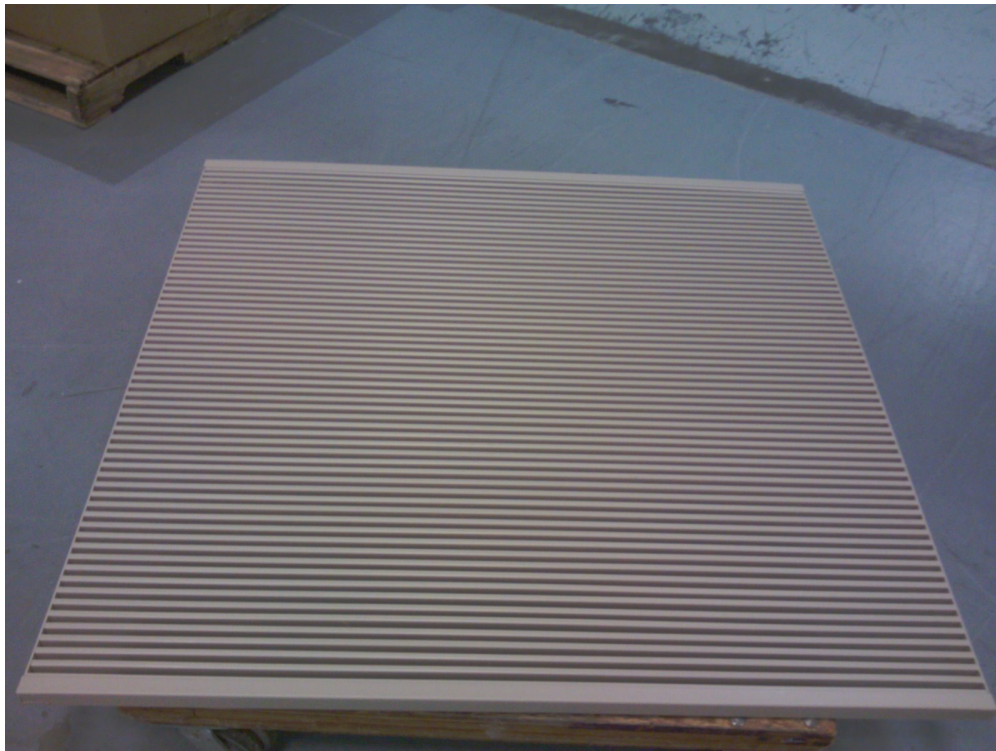
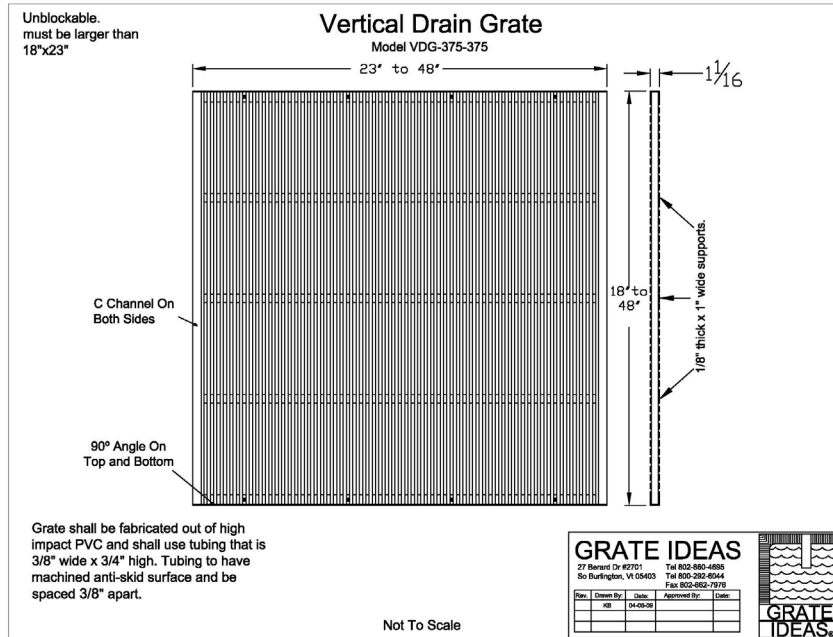


## **VDG 375 375**

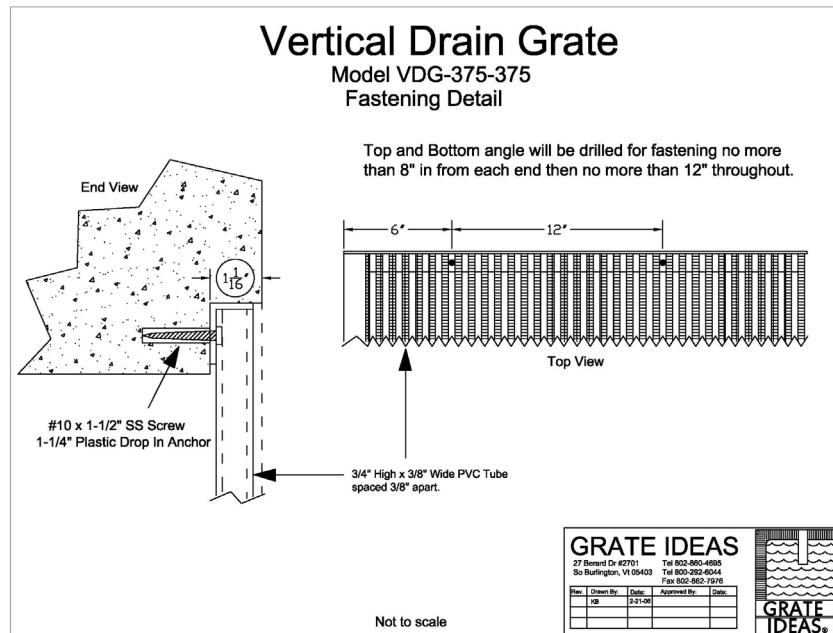


- Includes VGBA testing results and Certificate of Conformity for Field Fabricated Sump Grating per updated APSP-16 2017.
- Standard Profile height of 1-1/16"
- Fabricated out of high impact PVC in the form of tubing that is 3/8" wide and spaced 3/8" apart.
- Machined anti-skid surfaces meet ASTM c - 1028 static Coefficient of friction, wet or dry.
- UV inhibitors used to meet the requirements of ASTM D 4726.
- State of the art ultrasonic welds provide a great looking product that will stand up to years of use and abuse.
- Custom fabricated in any width, in 1/8".
- Made to measure corners to accommodate any angle
- Easy installation with pre drilled fastening holes and hardware.
- Available in five colors; white, sand, and blue.
- Warranty - 10 years against manufacturer's defect.

## High Flow -3/8" wide grating; 3/8" wide spacing



## Standard Fastening





QUALITY POOL PRODUCTS & MORE



Grate Ideas  
27 Berard Drive Suite 2701  
South Burlington, Vermont 05403  
Phone: 802-860-4695  
Fax: 802-862-7976

## High Flow Perpendicular Extruded Grating System

A. Specified Manufacturer:

Grate Ideas  
27 Berard Drive Suite 2701  
South Burlington, Vermont 05403  
Ph: 1-800-292-6044  
Fx: 1-802-862-7976  
[www.grate-ideas.com](http://www.grate-ideas.com)

B High Flow Perpendicular Extruded Grating System:

- 1 Extruded UV stabilized PVC grate assembly supplied in 36" long sections.
- 2 Grating bars shall be 3/8" wide x 3/4" thick x .150 rectangular tubing. The top of the grate shall have a machined anti-skid surface to provide good traction wet or dry.
- 3 The open spaces between the grate bars shall not exceed 3/8".
- 4 Each grate section shall be predrilled for fastening with fastening location no more than 24" apart. All fasteners shall be provided by the manufacturer.
- 5 Grating bars shall be perpendicular to the pool walls.
- 6 Grating shall provide 50% surface open area for unrestricted water flow.
- 7 Angled corners shall be provided by the grating manufacturer.
- 8 Color to be selected by Owner from manufacturers standard color selection or by the manufacturer color matching to the Owners desired colors.



GRATE  
IDEAS®

## DETAILS, DETAILS, DETAILS...

### Information and Specifications on "Grate ideas®" Gutter Grates

All grates are fabricated of PVC (polyvinylchloride) extrusions produced especially for the swimming pool environment. The formulation used yields a high-impact product.

The best colorfast pigments are used in association with ultra-violet resistant additives to allow the grates to be made available in color combinations which can be used both in indoor and outdoor installations.

#### TYPICAL PHYSICAL PROPERTIES:

	ASTM Test	At 72°F
Tensile Strength (psi)	D-638	6,100
Tensile Modulus (psi)	D-638	350,000
Flexural Strength (psi)	D-790	11,700
Flexural Modulus (psi)	D-790	415,000
Izod Impact (ft-lbs/in)	D-256	3.0
Coefficient of Linear Expansion: 3.45 in/in °F x 10 <sup>-5</sup>	D-696	

The following colors are inventory material and readily available.

A01 WHITE	A04 GRAY
A02 ALMOND	A05 SAND
A03 LIGHT BLUE	

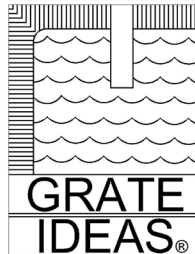
Other colors are available, but may be subject to a surcharge or a minimum run.

A non-skid surface is a standard feature on **GRATE IDEAS®** products.

Grates may be fabricated in various color combinations.



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### **Grate Ideas**

27 Berard Drive Suite 2701  
So. Burlington, VT 05403  
Ph: 800-292-6044  
Fx: 802-862-7976  
info@grate-ideas.com

## **Care and Maintenance of PVC Grate Assemblies**

Grate Ideas® PVC grate assemblies are designed and manufactured to be virtually maintenance free. The formulation of the PVC used in our products allows the user to maintain these assemblies as they would with any other pool equipment.

There are no specific cleaners or methods needed to clean these assemblies. If required, use only approved aquatic cleaning products that will not react with pool chemicals. Abrasive cleaners or use of abrasive cleaning medium is not recommended as it may deteriorate the non-slip surface over time.

Grates should always rest upon the trench evenly, and should not rock or wobble while in the trench. If fasteners are used ensure that the fasteners remain secure.

## **Warranty**

Grate Ideas, Inc. warrants that all P.V.C pool grates will be free from defects for a period of ten years from the date of manufacture. Grate Ideas will repair or replace at its discretion any material found to be defective during the warranty period subject to the following conditions:

- 1) The material in question must be pre-approved for return to our factory. Call 800-292-6044 for RMA#
- 2) Material shall be packaged to prevent damage during shipping.
- 3) Material is to be returned prepaid.

### **Exclusions & Limitations**

- 1} This warranty does not apply to replacement necessitated by misuse and negligence.
- 2} The manufacturer shall not be liable for incidental or consequential damages such as, (but not limited to) expenses for telephone, travel, legal, or damage to personal property, loss of time or inconvenience.

No other warranties other than as set forth herein is represented by the manufacturer nor is any person authorized to make any representation of any expressed or implied warranty on its behalf