

**Photos of assorted UL-certified GFX's & GFX-Knockoffs Made by Smart Drain (f/k/a Vasile & Grieco), Vaughn Manufacturing Corp., Doucette Industries Inc., FCCI (a/k/a Technapulse & Star Assembly Group LLC) & Watercycles**



Fig. 1 Three G3-12 GFX's; 2 by Vaughn, 1 by Doucette (Right). No visible marks as required on ASTM B88 coils & B306 DWV drainpipes.



Fig. 2 Two Vaughn G3-12's before coil Removed from lower unit.



Fig. 3 Doucette GFX/PowerPipe & Coil Section. The latter has no ASTM B88 or ANSI/NSF-61 mark; only the following incise mark: "**1/2" Type L HMP-Z MADE IN USA**".



Fig. 4(a) Drainpipe & removed coil from Vaughn G3-12. Found no incise mark on coil or drainpipe.



Fig. 4(b) Cut & intact Vaughn G3-12's. No continuous yellow stripe on 3" central DWV drainpipe.



Fig. 4(c) Same arrangement as 4(b).



Fig. 5(a) 8 assorted GFX's & coils.



Fig. 5(b) Same group as 5(a).

Figures 5 (a) & (b) show four UL-certified GFX's including: (1) Doucette Power-Pipe G3-40 Knockoff, (2) Doucette S3-60, (3) Vaughn infringing Model GFX-M3-52 (used as GFX-Star Prototype); (4) Smart Drain G3-30; FCCI G3-19 (Reject). Also shown: Watercycles S3-58-LC<sup>1</sup>, 39-turn Doucette coil with no incise mark, 21.5-turn Vaughn coil with incise mark print string stating "**1/2" MGTP-N-NSF 61 - Type L**", but no point-of-origin given.

<sup>1</sup> " **NOTE:** The Watercycles S3-58 was made before Watercycles began selling unauthorized GFX-Lite products made with substandard copper. It has a yellow stripe on its drainpipe; repeating incise marks on its coil with the following in its print string in accordance with Canadian & American safety standards; name and location of manufacturer (Wolverine), NSF-61 incise mark, 1/2" Type L, and Intertek's Warnock-Hersey Mark shown @ [www.intertek.com/marks/wh/](http://www.intertek.com/marks/wh/) -- but no ETL label. Subsequently, Watercycles began importing substandard copper tubing from America made by Mueller Streamline with no incise marks required to prove NSF-61 & third-party certification as discussed @ [www.gfxtechnology.com/EEA.html](http://www.gfxtechnology.com/EEA.html).

Evidence of Intellectual Property (IP) Theft Using Converted/Misappropriated, Trade Secret, Nontransferable UL Files & Counterfeit Labels on Unlisted GFX Products by former GFX-Licensees, (1) Vaughn Thermal Corp., Salisbury, MA (VTC), a Proven-Infringer & (2) Doucette Industries, Inc., York, PA (DII) in a Cross-Border Conspiracy w/ Renewability Energy Inc., Ottawa, Canada (REI); Now Selling “Power-Pipe” f/k/a GFX -- Renamed without Authorization by the GFX Patent Owners



Fig.1 Blow-up of Counterfeit REI/DII Label brought to US from Canada on 3/4/04.

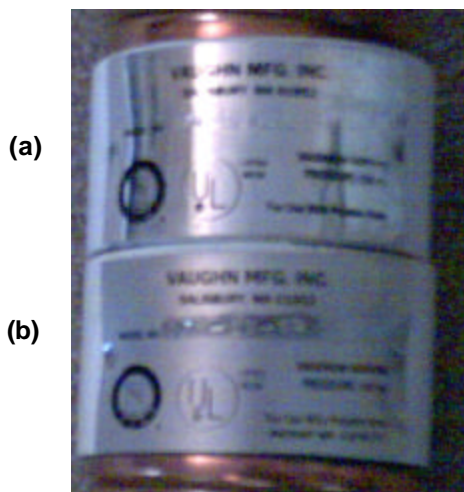


Fig. 2 Two labels by former Licensee VAUGHN Thermal Corp. (VTC) (June, 1997 to August, 1999)

Improper VTC Label  
 Fig 2 (a) label is from an infringing Model “GFX-M4-52” with IAPMO & UL marks, notwithstanding there is no listing for any “M” model in VTC’s UL-File #E173200. Next to UL mark appears “LISTED” above UL-Control No. “8D38”.

Notice printed at lower right:  
 “Maximum Working Pressure 150 lbs.”  
 For Use With Potable Water  
Required Patent Notice is Missing

Proper VTC Label  
 Fig. 2(b) label with IAPMO & UL marks from a non-infringing Model “GFX-G3-60”.  
 Notice printed at lower right:  
 “Maximum Working Pressure 150 lbs.”  
 For Use With Potable Water  
 PATENT NO 4,619,311



Fig. 3 DII label having (i) No mandatory notice of US Patent #4,619,311, (ii) No trademark, (iii) a Canadian-US UL Certification Mark above “LISTED” & UL’s Control #31PN for File MJAT7.MH26850 on an UNLISTED Model M4S4-60 GFX.

**Footnotes:** (1) Fig. 1 is a blow-up of one out of possibly hundreds of counterfeit REI/DII UL-labels having: (i) no patent notice, (ii) a counterfeit trademark (“GFX™”) that DII knew or should have known was intended to facilitate IP-theft by REI, the manufacturer of Power-Pipe and their agents, (iii) a nontransferable UL-File number that DII misappropriated to REI after converting patent-owner’s **UL-File #SA 8583, DS/K** following authorization to use same in 1999, upon execution of a GFX-License Agreement that mandated DII protect “*without limitation*” related trade secrets and “... *cause to be imprinted legibly on each Product manufactured, distributed or sold ... the appropriate patent notice*”. (2) Fig. 1 label is from one of four (4) Model M4S4-60 GFX’s shipped to Canada on 8/20/03 by DII, 701 Grantley Road, York, PA 17403 to REI customer: Delta Mechanical, 12 St. Clair Ave. E, Toronto, ON M4T1L7. They could be destroyed pursuant to 18 USC §2320 (b), which states: “*the United States may obtain an order for the destruction of such articles*”; including unlisted GFX’s or Power-Pipes or those bearing counterfeit UL certification marks.



Fig. 1 Photo showing ETL labels on one of 3 substandard Watercycles' GFX's with no incise mark o coil.

**NOTE:** Unlike UL, which failed to prosecute and de-list Renewability after consumer complaints made by more than one Canadian @ [www.gfxtechnology.com/T-Hug.pdf](http://www.gfxtechnology.com/T-Hug.pdf), [www.gfxtechnology.com/H-Hack.pdf](http://www.gfxtechnology.com/H-Hack.pdf) & [www.gfxtechnology.com/C-Mart.pdf](http://www.gfxtechnology.com/C-Mart.pdf), Intertek revoked Watercycles Energy Recovery Inc.'s privilege to used their ETL safety-certification mark, effective October 8, 2009, but as of 12/11/09 has not issued recalls or notified consumers whether or not Watercycles shipped units safe for use with potable water -- even after its President admitted importing copper tubing from Mueller Streamline having no permanent NSF-61 Incise Marks or third-party certification marks like Intertek's Warnock-Hersey Mark. He also admitted using ACR tubing, which cannot be certified for use with drinking water. (See confirming email excerpts in Footnote #1.)

<sup>1</sup> Email excerpts admitting Watercycles made GFX-coils from copper tubing exported by Mueller from America to Canada with no incised, third-party certification mark or NSF-61 mark; making their CETLUS labels a fraud: *"You did purchase a couple of 2" units in which we used copper that was not ASTM B88 but ACR.... Our supply agreement states in 6.01 (a) that we must 'meet minimum standards; including, but not limited to, ASTM 88 and ASTM B306 standards.'" All copper has been purchased brand new. I stated to you that we were not using recycled copper. That said, in regard to your comment, Mueller Streamline can supply us third party certified 3/8 inch type L in 60 and 100 foot lengths. The absence of incise mark does not prove a unit is not ASTM B88."*...*"The tubing that was approved in this listing is the same material we are using. ETL recognized we are using the right material when they approved us as a manufacturer...2. I did speak to Chuck Blantan and he confirms the tubing we are using exceeds the B88 requirement. Cu content 99.95% vice the min of 99.9% and wall tolerances of +/- 0.003 vice +/- 0.004; wall range of 0.038 - 0.043 vice 0.036 - 0.044. The copper provided to our customers is of a high quality and exceeds the standard...3. He indicates that incise is required for straight tube and not coils."* [Which standard is exceeded he doesn't say???] (Quotes from emails sent Wed, 7 Oct 2009 & Fri, 13 Nov 2009 & by Andre Cayer, Marketing, Watercycles Energy Recovery Inc, 306/531-9478, 306/771-2885 Fax)



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May 18, 2004

Dear Mr. Weidmark,

Thank you for your recent order of a Power-Pipe from RenewABILITY Energy. We are pleased with your interest in our product and look forward to shipping your unit shortly.

Before we do so, we would like to confirm your contact information. We have attempted to contact you by e-mail and by phone, but have been unsuccessful to date. Would you please call us at 519-885-0283 or email to [ryan.b@renewability.com](mailto:ryan.b@renewability.com) and confirm your contact info?

Thank you for your attention to this matter. We look forward to serving you when you call.

Sincerely,

Ryan Brueckner  
Office Manager  
RenewABILITY Energy Inc.



### Exporting America

Mr. Weidmark ordered a Canadian-made Power-Pipe, he thought, but got a Doucette-made GFX from Canadian Intellectual Property (IP) Thieves engaged in Economic Espionage with Doucette Industries, Inc., York PA.



Figure 1. Power-Pipe lying on shipping carton from Canadian IP-Thieves



Figure 2. Blow-up of Doucette Label on Power-Pipe; no patent notice mandated by Article 8.1. Label reads: Model # GFX3-40

## GFX Knockoff Comparison

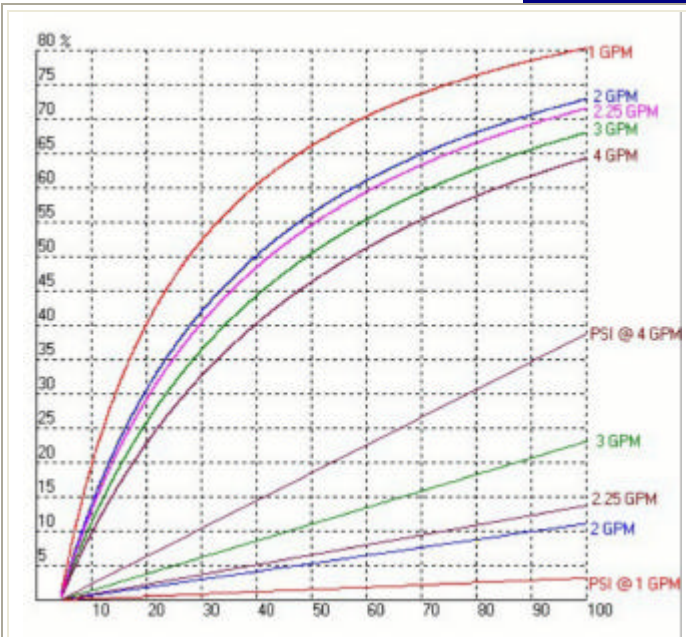


Fig. A: Equal-Flow efficiency (%) & coil pressure drop (PSI) vs. drainpipe length (inches) for original 3" GFX G3-xx models.

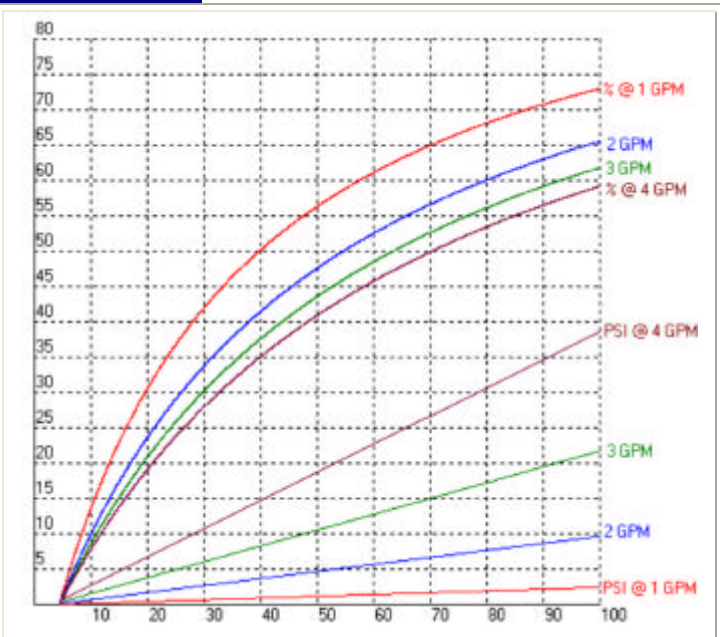


Fig. B: Corresponding efficiency & pressure drop vs. drainpipe length for 3" GFX Knockoff sold as "GFX-Lite" with unauthorized ETL labels.

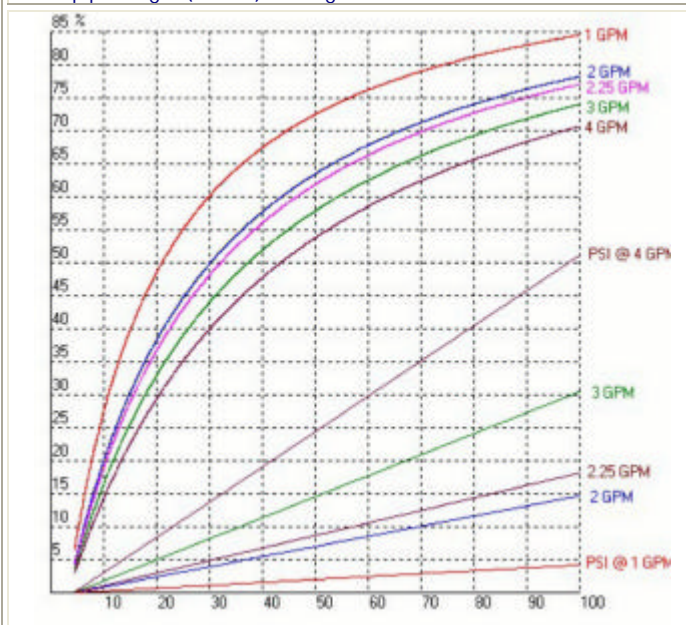


Fig. C: Equal-Flow efficiency (%) & coil pressure drop (PSI) vs. drainpipe length (inches) for original 4" GFX G4-xx models.

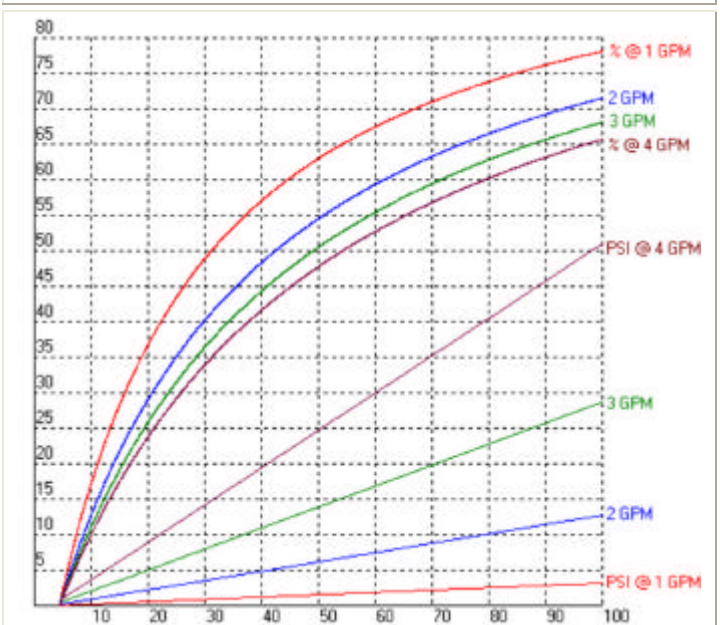


Fig. D: Corresponding efficiency & pressure drop vs. drainpipe length for 4" GFX Knockoff sold as "GFX-Lite" with unauthorized ETL labels.