

Hydro Dynamics, Inc.

Harnessing the Power of Cavitation



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ApoWave Hop Extraction Technology to be Discussed in Panel at Ohio Craft Brewers Conference



The ApoWave hop extraction technology will be part of the [Ohio Brewers Conference](#) in Dayton, OH on February 3, 2016. Mr. Santiago Gomez, of strategic partner [Apotek Solutions, LLC](#), will be part of a panel entitled, “*Dry-hopping Techniques and Technology*”. The talk will detail the ability of the ApoWave technology to increase the amount of alpha acids extracted from hops, a common flavoring in beer, and include an update about our first commercial location, [Witch’s Hat Brewing Company](#). The conference runs February 3-4, 2016 and the keynote speaker will be Mr. Jim Koch of Sam Adams Brewery.

The heart of the ApoWave system is the ShockWave Power Reactor Technology (SPR) by Hydro Dynamics, Inc. (HDI). The SPR technology that harnesses the normally destructive power of cavitation and controls it so its pressure fluctuations can be used for increased extraction. When this technology is applied to the different processes within the brew-house, combined with expertise in hop utilization, it allows brewing customers to produce bitter beers with 50% to 90% less bittering hops and 50% to 75% less aroma hops for dry hopping. HDI has partnered with Apotek to market our SPR technology to the hops industry. ApoWave produced beer also won the silver medal in the inaugural 2015 Savannah ‘Merica’s Mug Competition.

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Hop the **a**powave

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50-90% Less Bittering Hops
50-75% Less Aroma Hops



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