

XTRACTMOR

A Hydro Dynamics Company

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Hydro Dynamics, Inc. Granted New Canadian Brewery Patent for Hop Extraction

Hydro Dynamics, Inc. (HDI) of Rome, Georgia (www.hydrodynamics.com) announced today that it has been granted a new Canadian patent covering its ShockWave Xtractor (Xtractor) cavitation technology for use in brewery. The Canadian patent is entitled “A Method of Infusing Hops Flavoring into Beer”.

The Xtractor harnesses the pressure fluctuations of cavitation to improve extraction and increased hop flavor. With the proliferation of craft breweries, the demand for hops and prices have increased. The Xtractor technology can allow brewers to produce bitter beers with up to 50% less hops, both bittering and aroma hops for dry-hopping, as well as improve the extraction of fruits, coffee and other flavors. The Xtractor can also increase production through faster dry hopping and increase beer yield by producing less beer-soaked hop waste.

"This patent helps expand our efforts in the large and exciting Canadian brewery market." said Doug Mancosky, Chief Science Officer of HDI. "This same extraction principle can also be applied to other applications such as liquors, wines, coffee, tea, hemp and other products."

About Hydro Dynamics

Hydro Dynamics, Inc. is located in Rome, Georgia and is the developer and manufacturer of the cavitation-based ShockWave Xtractor™ Technology. XtractMor is a HDI subsidiary and the exclusive marketer of the technology for brewery. The Xtractor uses the physical phenomenon of cavitation, normally known as destructive force, and harnesses it to solve critical industrial mixing, extraction and heating problems. The technology can now be found on five continents in applications ranging from biodiesel production to hops extraction for beer. Learn more at: www.xtractmor.com or www.hydrodynamics.com.