Water Filter H₂O Hot Liquor Tank

Minerals

Added

Skunkworts Brewing Process

Every beer begins with **WATER.** To brew is to play within the nuance of aroma, taste, bitterness, color and mouthfeel, all of which are affected by the water used for brewing.

We purify local water through **FILTRATION** into a **HOT LIQUOR TANK** for preheating. Here we add specific **NATURAL MINERALS** in order to recreate the original water source profile for the particular style of beer we plan on brewing.

For example, our German-style pilsner *Kill Devil Pils* is based on a historic water profile for the Danube River in Germany.

At times we tweak the minerals to selectively enhance the nuance within certain ingredients used to make beer.



GRAINS are sourced from North America and Europe. With hundreds of grain varieties to select from, this is the second biggest ingredient in beer.



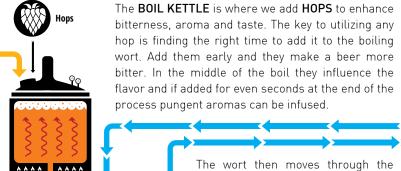
The grains are crushed through the **GRAIN MILL** only minutes before they're combined with hot water, capturing their freshness.

MASH TUN - This is where the **GRAINS** meet temperature regulated **WATER.** The grains are steeped until the enzymes within the grains convert starches into sugars.

When this process is complete the grains are strained and a deep golden brown sweet liquid called **WORT** is transferred to the **BOIL KETTLE**.



SKUNKWORTS BREWING CONCERN



FERMENTER - This is where WORT and YEAST combine. We pitch active yeast into the sweet liquid and hours later the yeast starts to convert the sugars within the wort into alcohol while producing flavors and esters along the way that can account for up to 70% of a beers flavor. Manipulation of the yeast cells through precise temperature control has drastic effects on what finds it way onto your taste buds.

Heat Exchange

Fermentation lasts an average of two to three weeks for ales and up to eight weeks for lagers. For more hoppy selections additional fresh hops are added directly to fermenting wort. At the end of fermentation we lower the temperature to just above freezing to force the yeast and hops floating around in suspension to fall to the bottom of the fermenter which clarifies the beer.



HEAT EXCHANGER were it is rapidly

cooled and heads into the fermenter.



Boil Kettle

BRITE TANK - When fermentation is finally complete the **BEER** comes here to further clarify and be infused with **Co2 GAS** at various levels appropriate to the style of beer being finished.

KEGS TO TAPS - The **BEER** is moved into kegs, refrigerated, and then directly pumped to the taproom or packaged for distribution. Fresh as can be.

