ENGINEERING BETTER BEER

3V eBrewing Kit Product Guide
This Guide is for set up and basic use of your 3V eBrewing system. For details on the eKettles, eController, InfuSsion Mash Tun and RIMS, please check out our individual guides for those in our Quick Start Guide page on our website.
- Use hose clamps on all barb fittings
- Use Teflon tape on all threaded fittings

**Pump Fittings**

**Chugger NPT Pump**

- 1/2” MPT to 1/2” Barb
- 1/2” FPT Ball Valve
- 1/2” Barb to 1/2” FPT

**Chugger TC Pump**

- 1/2” MPT to 1/2” Barb
- 1.5” TC Clamp
- 1.5” TC Gasket
- 1.5” TC to 1/2” Barb

**Valve | Ball Valve 1.5” TC to 1/2” Female NPT**
RECOMMENDED eBREWING 3V SETUP

- USE HOSE CLAMPS ON ALL BARB FITTINGS
- USE TEFLON TAPE ON ALL THREADED FITTINGS

KEY
- STRIKE/SPARGE TUBING
- WHIRLPOOL TUBING
- RUN-OFF TUBING
- RIMS TUBING

- HLT (HOT LIQUOR TANK)
- BOIL KETTLE
- MASH TUN
- RIMS
**HOT SIDE**

- **HLT (HOT LIQUOR TANK)**
  - TC BLANK
  - 1.5" TC CLAMP
  - 1.5" TC GASKET
  - SILICONE MAT

- **BOIL KETTLE**
  - 1.5" TC BALL VALVE
  - 1.5" MPT TO ½" BARB
  - ½" SILICONE TUBING
  - ½" BARB TO ½" FPT

- **MASH TUN**
  - BARB TO FPT KNURLED LOCK NUT
  - RECIRCULATION BULKHEAD ASSEMBLY
  - BARB TO FPT
  - LCD THERMOMETER
  - SILICONE HOUSING
  - CHUGGER PUMP
  - ½" SILICONE TUBING

**KEY**
- **STRIKE/SPARGE TUBING**
- **WHIRLPOOL TUBING**
- **RUN-OFF TUBING**

**NOTE**
- USE HOSE CLAMPS ON ALL BARB FITTINGS
- USE TEFLON TAPE ON ALL THREADED FITTINGS
- Use hose clamps on all barb fittings
- Use Teflon tape on all threaded fittings

**WHIRLPOOL**

**BOIL KETTLE**

- 1.5" TC Whirlpool Valve
- 1.5" TC Clamp
- 1.5" TC Gasket
- Silcone Mat
- 1.5" TC Whirlpool Valve
- 1.5" TC Ball Valve
- 1/2" MPT to 1/2" Barb
- 1/2" Barb to 1/2" FPT
- 1/2" FPT Ball Valve
- Chugger Pump
- 1/2" Silicone Tubing

**NOTE**
COLD SIDE / TRANSFER

WITH IMMERSION WORT CHILLER

BOIL KETTLE

SILICONE MAT

1.5" TC CLAMP

1.5" TC BALL VALVE

½" MPT TO ½" BARB

1.5" TC GASKET

1.5" TC CLAMP

1.5" TC TRANSFER長い

½" SILICONE TUBING

WATER IN

IMMERSION WORT CHILLER

WATER OUT

CHUGGER PUMP

SILICONE TUBING

CHRONICAL BME OR UNITANK

1.5" TC CLAMP

1.5" TC GASKET

1.5" TC TO ½" BARB

1.5" TC CLAMP

1.5" TC BALL VALVE

½" MPT TO ½" BARB

1.5" TC GASKET

1.5" TC CLAMP

½" SILICONE TUBING

1.5" SILICONE TUBING

½" SILICONE TUBING

¼" BARB TO ⅜" FPT

¼" BARB TO ⅜" FPT

Ss BREWTECH INLINE OXYGENATION KIT (OPTIONAL)

NOTE
- USE HOSE CLAMPS ON ALL BARB FITTINGS
- USE TEFLO TAPE ON ALL THREADED FITTINGS

OPTION 1 - PUMP TRANSFER

OPTION 2 - GRAVITY FEED TRANSFER

1.5" TC WHIRLPOOL VALVE

- USE HOSE CLAMPS ON ALL BARB FITTINGS
COLD SIDE / TRANSFER

WITH INLINE HEAT EXCHANGER

BOIL KETTLE

1.5" TC CLAMP
1.5" TC GASKET
SILICONE MAT

1.5" TC WHIRLPOOL VALVE
1.5" TC BALL VALVE
1.5" MPT TO ½" BARB
1/2" SILICONE TUBING
½" BARB TO ½" FPT

CHUGGER PUMP
½" SILICONE TUBING
1.5" TC CLAMP
1.5" TC GASKET
1.5" TC TO ½" BARB

Ss BREWTECH INLINE OXYGENATION KIT (*OPTIONAL)

¹/₂" SILICONE TUBING

HEAT EXCHANGER

1.5" TC CLAMP
1.5" TC GASKET
1.5" TC TO ½" BARB

1.5" TC CLAMP
1.5" TC GASKET
1.5" TC TO ½" BARB

CHRONICAL BME OR UNITANK

1.5" TC CLAMP
1.5" TC GASKET
1.5" TC TO ½" BARB

½" BARB TO ½" FPT
1/2" SILICONE TUBING

NOTE
- USE HOSE CLAMPS ON ALL BARB FITTINGS
- USE TEFOLN TAPE ON ALL THREADED FITTINGS

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COLD SIDE / TRANSFER

WITH FERMENTER LID MOUNTED IMMERSION CHILLER COIL

BOIL KETTLE

- 1.5" TC CLAMP
- 1.5" TC GASKET
- 1.5" TC BALL VALVE

SILICONE MAT

- 1.5" TC GASKET
- 1.5" TC BALL VALVE
- ½" MPT TO ½" BARB

OPTION 1 - PUMP TRANSFER

- ½" SILICONE TUBING
- ½" BARB TO ½" FPT
- CHUGGER PUMP

Ss BREWTECH INLINE OXYGENATION KIT (*OPTIONAL)

1.5" TC CLAMP
1.5" TC GASKET
1.5" TC TO ½" BARB

OPTION 2 - GRAVITY FEED TRANSFER

- ½" SILICONE TUBING

CHILLER COIL

1.5" TC CLAMP
1.5" TC GASKET
1.5" TC TO ½" BARB

CHRONICAL BME OR UNITANK

-NOTE-
- USE HOSE CLAMPS ON ALL BARB FITTINGS
- USE TEFLO TAP ON ALL THREADED FITTINGS