

SPECIFICATION:

FILTER 1 – HYDROTRON MODEL HWF-2-20-5

- AUTOMATIC FILL SYSTEM**
- ½” NPT CUT OFF VALVE TO ISOLATED UNIT FOR SERVICE
 - ½” NPT ELECTRICAL SOLENOID ONLY ALLOWS MAKE UP WATER TO ENTER UNIT WHEN BLOWER IS ON
 - AUTOMATIC ELECTRONIC FLOAT VALVE CONTROLS LEVEL OF WATER .
 - MANUAL FILL OVERRIDE SWITCH FOR INITIAL FILLING OF WATER
 - PRESSURE REGULATOR FOR INLET WATER SUPPLY WHEN UNIT IS RUNNING
- BLOWER**
- DIRECT DRIVE BACKWARD INCLINED AIR FOIL TYPE WITH CONED INLET FOR MAXIMUM EFFICIENCY
 - NO BEARINGS TO GREASE OR BELTS TO CHANGE.
 - FOUR POINT VIBRATION ISOLATORS
 - HOUSED IN SOUND INSULATED CHAMBER
 - ADJUSTABLE OUTLET LOUVER ALLOWS CONTROL OF SUCTION
 - **5 HP** TEFC MOTOR 208 / 230 / 460 VOLT
 - BLOWERS **RATED 2,000 CFM AT 6” / 8” TSP** (TOTAL STATIC PRESSURE)
- CABINET**
- WELDED 12 GA. GALVANIZED STEEL WITH TWO PART COLD TAR EPOXY COATING ON ALL INTERIOR WET SURFACES
 - INDUSTRIAL ACRYLIC ENAMEL (GULF BLUE) COATING ON EXTERIOR
 - REMOVABLE CLEAR ACCESS PANEL FOR VIEWING AND ACCESS TO WET SECTION OF COLLECTOR
 - INTERIOR BAFFLE SYSTEM ENSURES THROUGH MIXING OF WATER AND PARTICULATE
 - CHEVRON STYLE MIST ELIMINATOR PACK COALESSES AND DRAINS DROPPLETS BACK INTO COLLECTOR
 - DRAIN – 1 ½” DIA. MALE NPT WITH CAP
 - OVERFLOW ½” NPT
 - 9” DIA. INLET WITH 2” LIP
- MOTOR STARTER**
- MAGNETIC MOTOR STARTER WITH PUSH BUTTON ON / OFF BUTTON, OVERLOAD PROTECTION IN NEMA 1 BOX, 460 VOLT STANDARD
 - FACTORY INSTALLED CONTROL VOLTAGE TRANSFORMER
 - EVERYTHING PREWIRED AND READY TO HOOK UP TO YOUR DISCONNECT SWITCH
- REQUIREMENTS**
- 208 / 230 / 460 VOLT 3 PHASE POWER FOR BLOWER
 - 17.5 / 15.2 / 7.6 AMPS
 - MAKE UP WATER SUPPLY
- SHIPPING WEIGHT**
- APPROX. –1,100 LBS.
- OVER ALL DIMENSIONS**
- 34” WIDE x 40 “ DEEP x 95 “ HIGH

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OPTIONS

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CABINET CONSTRUCTION

- STAINLESS STEEL CONSTRUCTION
- EXPLOSION PROOF MOTORS
- SPARK RESISTANT BLOWER CONSTRUCTION
- CUSTOM PAINT COLOR
- SLUDGE CONVEYORS
- SLUDGE REMOVAL USING OUR VACUTRON PNEUMATIC OPERATED SYSTEM TO TRANSFER THE SLUDGE TO A 55 GALLON DRUM

ELECTRICAL

- ELECTRICAL ENCLOSURES - NEMA 12/13

ODOR CONTROL

- ACTIVATED CARBON, PURAFILL OR OTHER ADSORPTION MATERIAL , AVAILABLE IN REFILLABLE MODULES, REMOVES PROCESS ODORS AND GASSES NOT REMOVED BY THE WET COLLECTOR

SAFETY FILTERS

- ASHRAE OR HEPA AFTER FILTERS SOMETIMES REQUIRED WHEN RECYCLING AIR FROM EXTREMELY HAZARDOUS DUST APPLICATIONS. CAN INCLUDE VISIBLE OR AUDIBLE INDICATOR

WATER FILL CONTROL

- LOW WATER CUT OFF SWITCH, DISABLES COLLECTOR
- OVER FLOW WATER CUT OFF SWITCH