

# SPECIFICATION:

## FILTER 1 – HYDROTRON MODEL HWF-6-75-15

### 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
- **15 HP** TEFC MOTOR 208 / 230 / 460 VOLT
- BLOWERS **RATED 7,500 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 COALESES AND DRAINS DROPPLETS BACK INTO COLLECTOR
- DRAIN – 1 ½” DIA. MALE NPT WITH CAP
- OVERFLOW ½” NPT
- 18” 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
- 48.3 / 42 / 21 AMPS
- MAKE UP WATER SUPPLY

### SHIPPING WEIGHT

- APPROX. –1,600 LBS.

### OVER ALL DIMENSIONS

- “ WIDE x “ 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