

# KNOW THE FACTS!

## AERATION UNITS – APPROVED MOTORS AND TIMERS BY SYSTEM

*Below is a list of approved aerators, blowers or motors and approved timers for specific treatment unit brands. The components listed below are authorized only for residential use (systems with a rated capacity up to 750 gallons). Any components not found on the list below for your treatment system have not been authorized and are therefore not approved for use. Upon replacement of existing components, only use approved components found below. Obtaining approval for alternative components other than what are listed in this document may be possible by applying for approval through the Ohio Department of Health (ODH). The aerators, blowers and motors on this list are for primary aeration; this list is not for reaeration components. Depending on rated capacity of the treatment unit, multiple motors/aerators may be required.*

### AQUASAFE

#### Aerators:

Hiblow HP-80

#### Timers:

Aquasafe units have specialized control panels in lieu of a timer. Systems must run continuously

### BIO-MICROBICS FAST

#### Aerators:

Gast R2103 Regenerative Blower

#### Timers:

FAST units have specialized control panels in lieu of a timer. Systems must run continuously.

### CAVITETTE

#### Aerators:

Belt Driven Aerator Assembly  
Gast 1023 Rotary Vane Compressor\*  
Gast R3105-12 Regenerative Blower\*

#### Timers:

Ace Sanitation JP-30  
Electric Motor Technologies Timer  
Fehring FS-42                      Intermatic C8835  
Intermatic C8865                  Paragon JW-30  
Tork ACT 30 MFS                  Tork ACT 120 MFS  
Tork 8301                              Tork 8601  
SPI Regenerative Blower and Rotary Vane  
Timer\*\*\*  
Red Alert P101-2\*\*\*

### COATE AER

#### Aerators:

Gast 1023 Rotary Vane Compressor  
Gast 1022 Rotary Vane Compressor  
Gast 0823 Rotary Vane Compressor  
Gast 0822 Rotary Vane Compressor  
Thomas QR-0100 Rotary Vane

#### Timers:

Ace Sanitation JP-30  
Electric Motor Technologies Timer  
Fehring FS-42                      Intermatic C8835  
Intermatic C8865                  Paragon JW-30  
Tork ACT 30 MFS                  Tork ACT 120 MFS  
Tork 8301                              Tork 8601

### HYDRO-ACTION

#### Aerators:

Gast RV-03 and RV-0  
Hiblow HP: 80, 100, 120

#### Timers:

Hydro-Action units have specialized control panels in lieu of a timer. Systems must run continuously.

## **JET**

### **Aerators:**

Jet 700 ++  
Jet 660 Classic  
Jet OEM (Original Equipment Manufacturer)

### **Timers:**

Jet Model 180-194 Control Panel

## **MUTLI-FLO / ENVIRO-GUARD**

### **Aerators:**

Multi-Flo A10031

### **Timers:**

Timers are prohibited. System must run continuously. Enviro-Guard units have specialized control panels in lieu of a timer.

## **NAYADIC**

### **Aerators:**

Gast 0523 Rotary Vane Compressor  
Gast 0823 Rotary Vane Compressor  
Gast 1023 Rotary Vane Compressor  
Nayadic OEM Rotary Vane  
Hiblow HP: 80, 120, 150

### **Timers:**

Timers are prohibited. System must run continuously.

## **NORWECO**

### **Aerators:**

Singulair Model 206C

### **Timers:**

NORWECO OEM Time Control Panel\*\*

## **OLDHAM**

### **Aerators:**

Gast R3105-12 Regenerative Blower

### **Timers:**

Ace Sanitation JP-30  
Electric Motor Technologies Timer  
Fehring FS-42                      Intermatic C8835  
Intermatic C8865                  Paragon JW-30  
Tork ACT 30 MFS                  Tork ACT 120 MFS  
Tork 8301                              Tork 8601  
SPI Regenerative Blower and Rotary Vane  
Timer\*\*\*  
Red Alert P101-2\*\*\*

*\*Cavitette system must be properly converted with a sludge returnline when installing these types of motors*

*\*\*Newer NORWECO systems run continuously; timers prohibited*

*\*\*\*Timer must be set to run at least 50% of every hour, off cycle cannot exceed 30 minutes*

***For more information, call the Water Quality Division at (513) 946-7966***



**HAMILTON COUNTY  
PUBLIC HEALTH**

PREVENT. PROMOTE. PROTECT.

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