

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
Red Alert P101-2***

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

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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