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***

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

MULTI-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***

* Cavitette system must be properly converted with a sludge return line 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