

**Need a Solution to
Air Flow Control Problems?
Autoquip has the Solution!**

AUTOQUIP
AUTOMATION

**Piston
Air Engine™**
ECO-1M,2M,3M,7M

CLOSED LOOP RPM CONTROL **3114-CLR3-000***

System Description

The AQ Flow Controller incorporates a flow regulator and mechanical flow meter to sense the air flow rate to the Autoquip Air Engine. Should the load change on the air engine shaft, the Autoquip AQ Flow Controller adjusts the pressure to maintain a constant RPM.

**Replaces part #3076-00-00A*

Mechanical RPM Display

The Autoquip Mechanical RPM Display provides continuous indication of real time agitation speed. This inexpensive very readable display can be remotely mounted in a convenient eye level position, does not require batteries, or any special installation requirements.

3114-ERPM-100 Eco Size 1 Air Engine RPM Gauge
3114-ERPM-200 Eco Size 2 Air Engine RPM Gauge
3114-ERPM-300 Eco Size 3 Air Engine RPM Gauge
3114-ERPM-700 Eco Size 7 Air Engine RPM Gauge



ECO-1M **3077-HAE1-000**

Torque Output:

Torque at 200 rpm / 6.9 bar
(100 psi) :24.7 in.lb (2.79 Nm)

Torque at 800 rpm / 6.9 bar
(100 psi) :14.7 in.lb (1.66 Nm)

Output Shaft: .394" (10mm)



ECO-2M **3077-HAE2-000**

Torque Output:

Torque at 200 rpm / 6.9 bar
(100 psi) :55.3 in.lb (6.25 Nm)

Torque at 800 rpm / 6.9 bar
(100 psi) :20.4 in.lb (2.3 Nm)

Output Shaft: 0.5" (12.7mm)



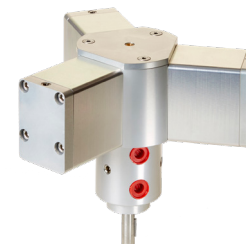
ECO-3M **3077-HAE3-000**

Torque Output:

Torque at 200 rpm / 6.9 bar
(100 psi) :87 in.lb (9.9 Nm)

Torque at 700 rpm / 6.9 bar
(100 psi) :41 in.lb (4.6 Nm)

Output Shaft: 0.5" (12.7mm)



ECO-7M **3077-HAE7-000**

Torque Output:

Torque at 100 rpm / 6.9 bar
(100 psi) :139 in.lb (15.7 Nm)


Torque at 400 rpm / 6.9 bar
(100 psi) :69 in.lb (7.8 Nm)

Output Shaft: 0.5" (12.7 mm)

AUTOQUIP
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 <https://www.youtube.com/c/AutoquipAutomation>

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ECO-1M, 2M, 3M, 7M Mixing Systems

Size 1 Piston Air Engine (PAE)

3077-BKDA-100	Binks 2 Gal Pressure Pot Direct Drive Adapter
3077-BP02-100	Binks 2 Gal Pressure Pot Agitation System
3077-GP02-100	Graco 2 Gal Pressure Pot Agitation System
3077-HAE1-100	AQ 5 Gal Pail Lid Adapter Mount Assembly
3077-HAE1-150	Binks/Graco 5 Gallon Lid Adapter Kit
3077-HAE1-200	Binks 2 Gal Pressure Pot Adapter
3077-HAE1-G01	Graco 2 Gal Pressure Pot Adapter
3404-PL05-100	AQ 5 Gal Pail Lid

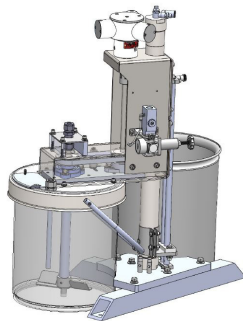
Size 2 Piston Air Engine (PAE)

3077-AQ05-200	AQ 5 Gal Agitator System for Mix Tank
3077-AQTS-100	AQ Tank Mount Adapter Assembly
3077-AQTS-G01	Graco 5 Gal Pressure Pot Mount Adapter Assembly
3077-BKDA-200	Binks 2 Gal Pressure Pot Direct Drive Adapter
3077-BMTS-100	Binks 5 Gal Pressure Pot Mount Adapter Assembly
3077-BP02/05-200	Binks 2/5 Gal Pressure Pot Agitation System
3077-GP02/05-200	Graco 2/5 Gal Pressure Pot Agitation System
3077-HAE2-150	Binks/Graco 5 Gal Lid Adapter Kit

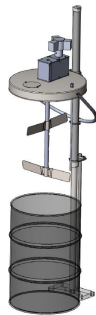
3099-5GPL-210/212/
220/222/230/232 5 Gal Pail Agitation System (see flyer for details)

3099-BPPL-205	Binks 5 Gal Pressure Pot Lift
3099-GPPL-205	Graco 5 Gal Pressure Pot Lift
3404-PL05-200	AQ 5 Gal Lid

For simple and flexible lift systems, please refer to Autoquip's Ergonomic 5 Gallon Pail Lift System and Autoquip's Ergonomic 55 Gallon Elevator System flyers.



5 Gallon Pail Lift System



55 Gallon Elevator System

Size 3 Piston Air Engine (PAE)

3077-2B55-300	55 Gal Drum Bung Adapter
3077-AADM-350	Side Drum Mount
3077-AE55-300	55 Gal Drum Agitator (no lid requires 1.53" hole)

3077-AQ10/15/
20/30-300 AQ 10/15/20/30 Gal Agitator System for Mix Tank

3077-BEAM-300	Bolt on Elevator Mount
3077-BK55-300	55 Gal Drum Binks Drum Adapter
3077-BP05/10/15-300	Binks 5/10/15 Gal Pressure Pot Agitation System
3077-DRUM-300	Open Drum Mount
3077-GAAR-300	Graco ECO-3M Air Agitator Replacement Adapter Assembly

3077-GP05/10/15-300 Graco 5/10/15 Gal Pressure Pot Agitation System
3077-IB55-300 In Barrel 55 Gal Agitator System

3099-5GPL-310/312/
320/322/330/332 5 Gal Pail Agitation System (see flyer for details)

3099-BPPL-305/310	Binks 5 Gal Pressure Pot Lid/10 Gal Pressure Pot Lid
3099-GPPL-305/310	Graco 5 Gal Pressure Pot Lid/10 Gal Pressure Pot Lid
3404-TOTE-300	Drum Lid Tote Mount
5077-20-00A	Magnetic Agitator Assembly

Size 7 Piston Air Engine (PAE)

3077-2B55-700	55 Gal Drum Bung Adapter
3077-AADM-750	Side Drum Mount
3077-AE55-700	55 Gal Drum Agitator (no lid requires 1.53" hole)
3077-AQ60/80-700	AQ 60/80 Gal Agitator System for Mix Tank
3077-BEAM-700	Bolt on Elevator Mount
3077-BK55-700	55 Gal Drum Binks Drum Adapter
3077-DRUM-700	Open Drum Mount
3077-GAAR-700	Graco ECO-7M Air Agitator Replacement Adapter Assembly

3077-IB55-700 In Barrel 55 Gal Agitator System
3404-TOTE-700 Drum Lid Tote Mount