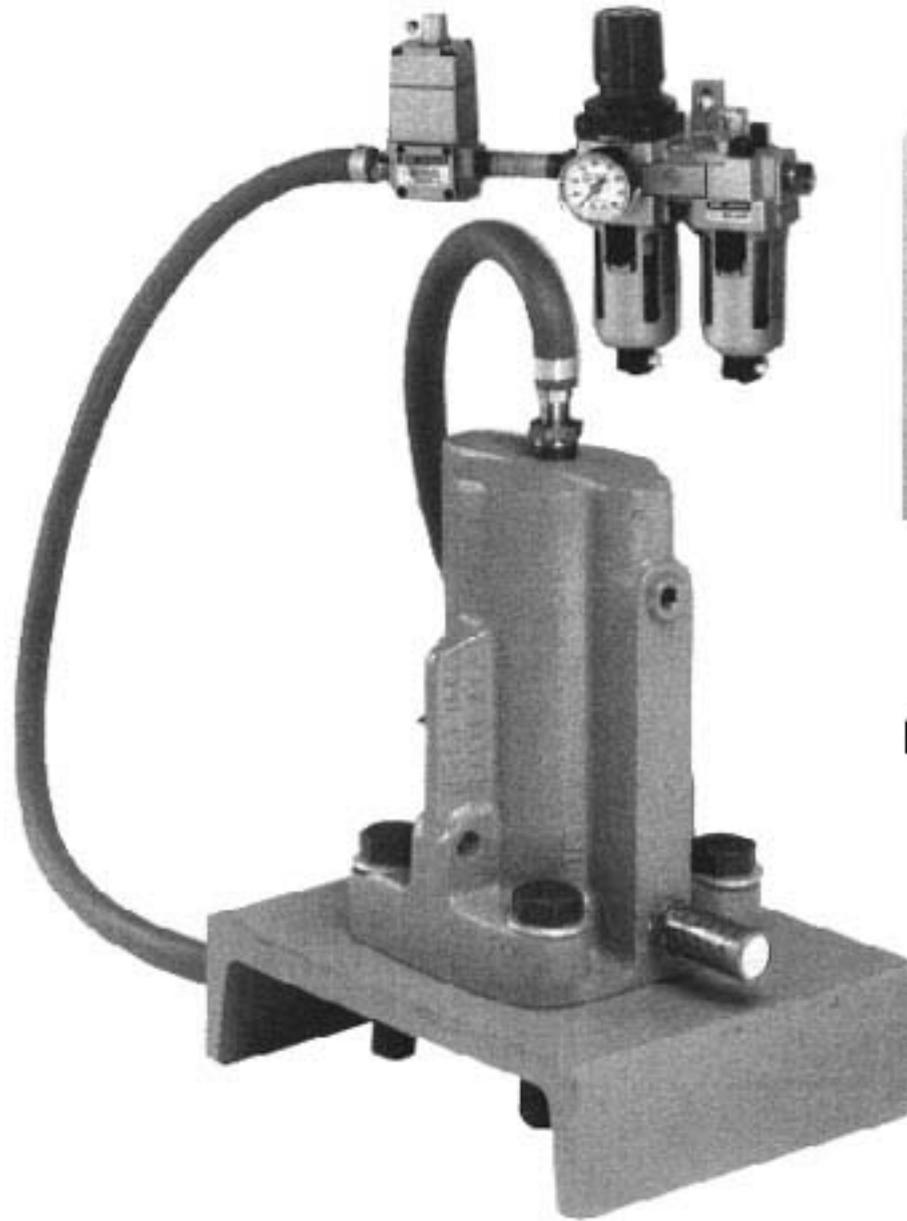


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MODEL SI SINGLE IMPACT VIBRATOR



**Model SI-350
Shown**

**Single
Impact
Vibrator**

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QUICK FACTS

- Heavy Duty Ductile Casting
- Precision Ground Chrome Plated Piston
- Exhaust Mufflers / Port Protectors
- Optional Steel Base Plate for Rectangular Bolt Patterns

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**Single
Impact
Vibrator**

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Ideal for Dust Collection Hoppers, Bag Houses and Clogged Pneumatic Conveying Lines

DESIGN CONCEPT: The "SI" Single Impactor Vibrator is basically a pneumatically operated form of a sledge hammer with intensity or force control. By varying input operating pressure and the number of impacts per minute via the timer provided, the final intensity applied to your bin, hopper or structure can be readily controlled. The addition of a second timer controls the duration of the total vibration period.

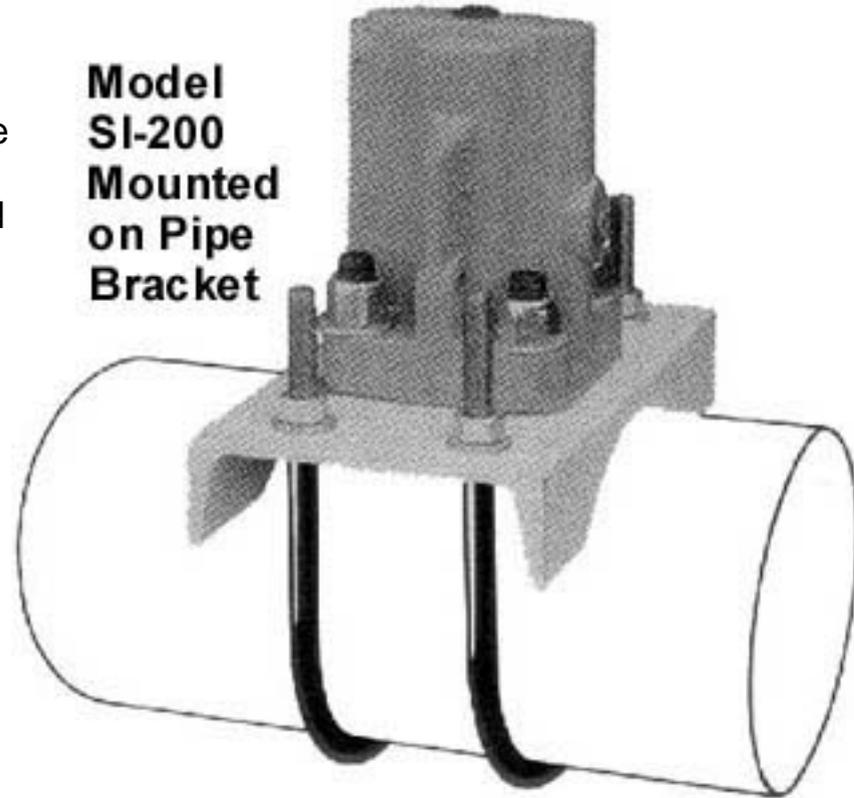
REDUCED NOISE ADVANTAGE: The greatest advantage of B.E.S.T.'s Single Impactor is its ability to create direct impact for release of adhering products or dust buildup in dust collectors with minimal noise pollution. The timed impacts of intermittent operation are very tolerable in worker environments because of their short noise duration.

CONVERTIBLE DESIGN: If your application requires higher vibration intensity, the B.E.S.T. SI Impactor is easily converted to a continuous type rapper vibrator without any control changes. A different spring is inserted in the vibrator unit and ports are reoriented slightly. Consult the factory for a standard conversion kit, for minimal cost. The changeover can easily be accomplished in a few minutes.

BASIC COMPONENTS: There are six (6) basic components necessary for proper operation of B.E.S.T. INC.'s Pneumatic "SI" Single Impactor:

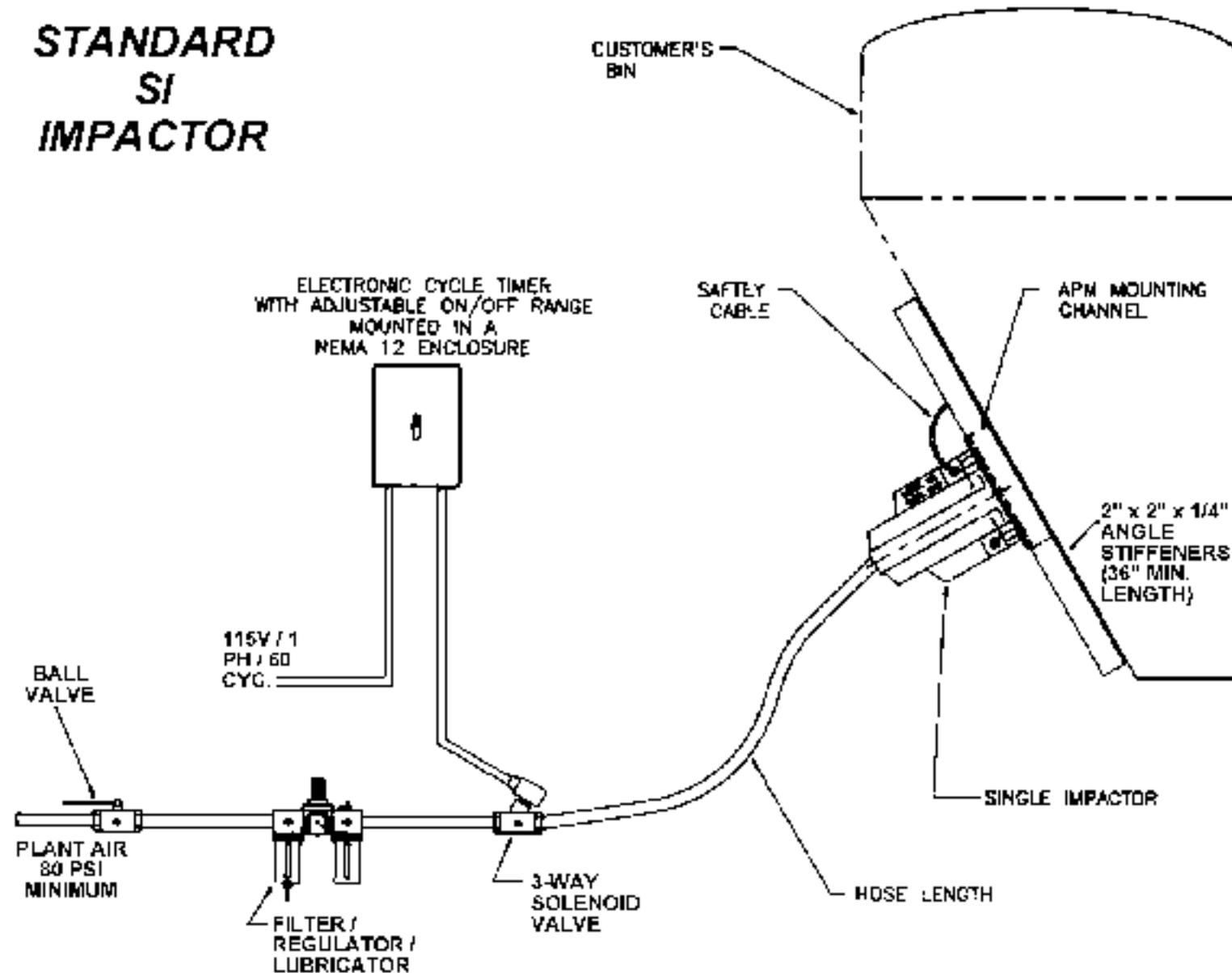
1. "SI" Single Impactor Vibrator
2. Mounting Channel (APM)
3. FRL (Filter, Regulator, Lubricator) Lubro Control
4. Flexible Hose with Pipe Fittings, (HL)
5. A Quick-Acting 3-Way solenoid valve, (SV)
6. Adjustable Timer (ATC)

**Model
SI-200
Mounted
on Pipe
Bracket**



INSTALLATION DATA

STANDARD SI IMPACTOR



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Impact
Vibrator

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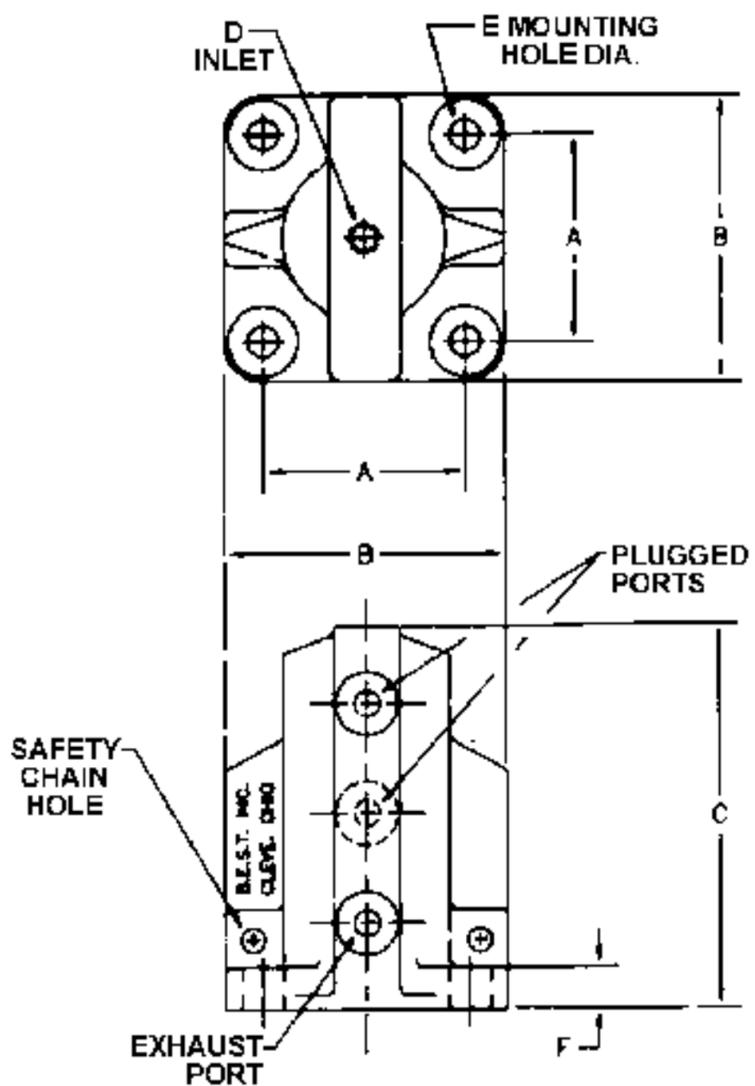
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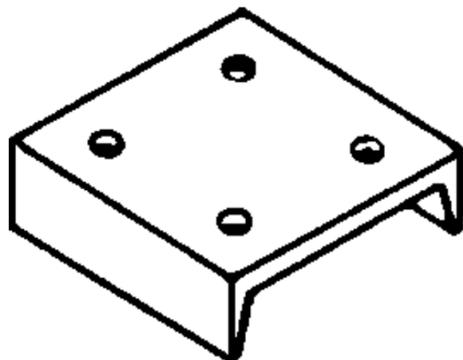
DIMENSIONAL AND SIZING DATA



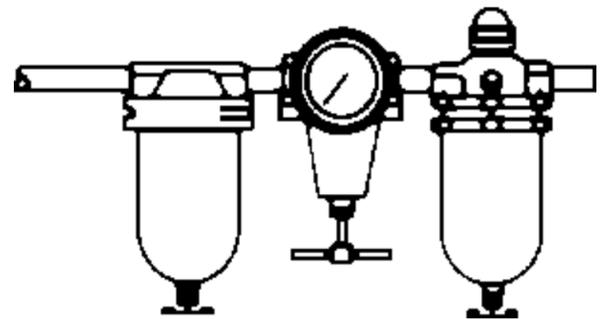
MODEL NO.	WALL THICKNESS	VOLUME (CU. FT.)	A	B	C	D	E	F	WT.
SI-125	16 GA.	3-5	2"	3"	4-1/8"	3/8 NPT	9/16"	9/16"	6 lbs.
SI-200	1/8"	10-20	3"	4-3/8"	6-1/8"	3/8 NPT	11/16"	1-3/16"	12 lbs.
SI-350	3/16"-1/4"	50-100	4-1/8"	5-3/4"	8-5/8"	1/2 NPT	13/16"	1-3/8"	33 lbs.
SI-400	1/4"-5/16"	150-200	6-1/4"	8-1/2"	11-3/8"	3/4 NPT	1-5/16"	1-1/4"	98 lbs.

MOUNTING AND CONTROL ACCESSORIES

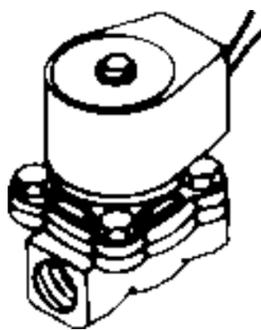
Standard Factory Kit Includes



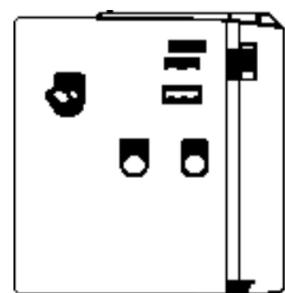
Model AP-M
(standard)
Mounting Channel



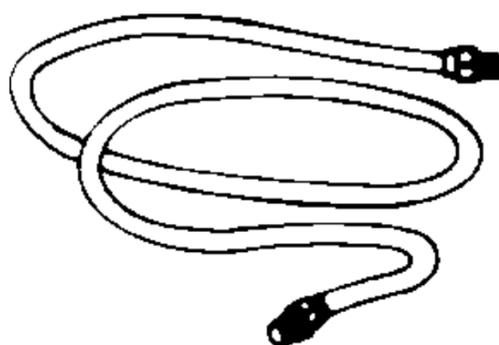
Model FRL
Lubro-Control



SV
Electric 3-Way
Solenoid Valve



ATC
Adjustable
Recycling
Timer



Model HL-5FT.
5' Hose Length

Other Options

Dust Protectors • Exhaust Mufflers • Reinforcement Angles for Mounting Channel
• Safety Cable Assemblies

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Single Impact Vibrator

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