

COUGAR[®]

HIGH FREQUENCY ELECTRIC VIBRATORS



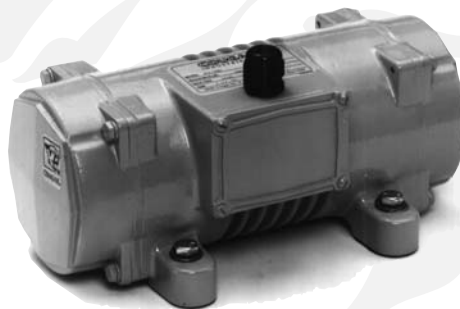
BALL VIBRATORS

Compact, lightweight, can be used virtually anywhere



TRUCK VIBRATORS

Dump wet, sticky, and frozen material
12 and 24 volt; "The Original"



ELECTRIC VIBRATORS

The highest quality Electric
Vibrator you can buy



HYDRAULIC VIBRATORS

Powerful-Quiet-Efficient
Adjustable weights and frequency



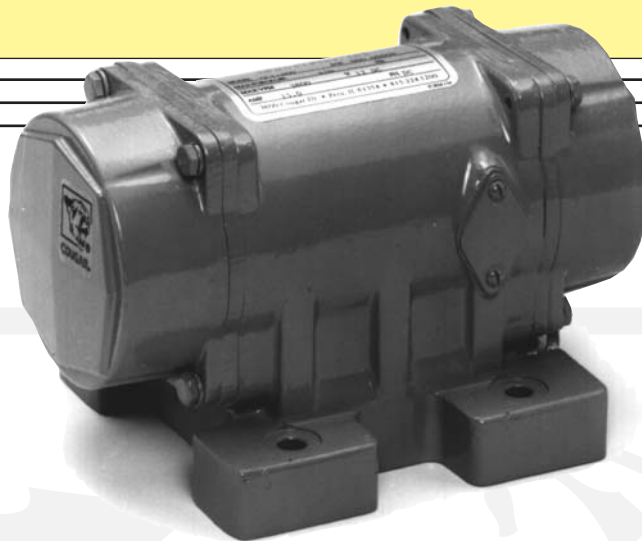
AIR VIBRATORS

Hardworking-Tough-Dependable
Permanent or quick change base

COUGAR[®]
INDUSTRIES, INC.

COUGAR[®]

H I G H F R E Q U E N C Y E L E C T R I C V I B R A T O R S



HIGH FREQUENCY VIBRATORS

With more than 30 years of experience in the vibrator equipment industry, Cougar Industries provides high performance, cost effective solutions to material flow problems. Cougar's line of high quality High Frequency Vibrators are compact and lightweight, and can be mounted where material settling or leveling problems occur.

COUGAR IS QUALITY

From design through manufacturing, Cougar High Frequency vibrators produce more force for the size, weight and cost than any

other type of vibrator available.

These vibrators also offer durability and ruggedness. Cougar High Frequency Vibrators effectively operate in extreme environments.

ADD QUALITY TO YOUR PRODUCT

When used on a concrete form, mold or table, quality shows. High Frequency Vibrators force air out and material down, resulting in a stronger, smoother and more dense product. High Frequency Vibrators used on vibrating tables can save time and money, add more product to bulk containers. Cougar's line of High

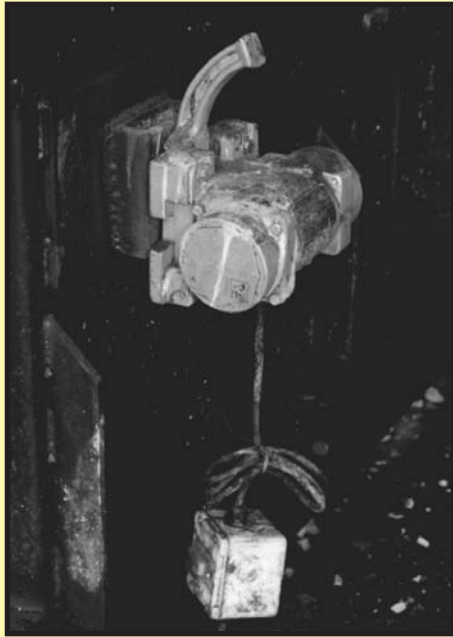
Frequency Vibrators can be easily installed and more quickly integrated into automated systems.

OUR BUSINESS IS VIBRATORS

Ideal for a variety of industries, applications and materials. Cougar Industries offers its products through a strong network of dealers and distributors. Providing expert technical assistance, an engineering department for special applications, and fast repair service, Cougar Industries understands your vibrator needs.

For more information and a list of Cougar Industries dealers, please call 1-800-262-2106.

FEATURES



U1-1600
Totally "O" Ring
Sealed from
dirt & water



U1-1600
Wedge Mount



VIBRATING
TABLE

PERFORMANCE

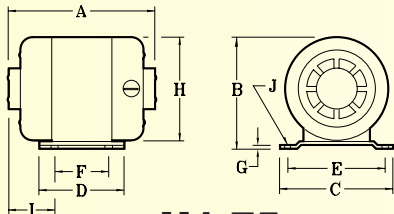
Force lb. (in lbs.)

MODEL*	VOLTAGE ^{1,2,3,4}	AMPS	MAX.RPM	HP	1	2•	3	dB ⁵
U1-75	115	.7	9000	1/15	75 (.03)			50
U1-500	115	3.7	9000	1/4	150 (.07)	350 (.15)	500 (.22)	50
U1-500	230	1.9	9000	1/4	150 (.07)	350 (.15)	500 (.22)	50
U1-1600	115	15.	9000	1/3	930 (.45)	1330 (.58)	1799(.78)	58
U1-1600	230	7.5	9000	1/3	930 (.45)	1330 (.58)	1799(.78)	58

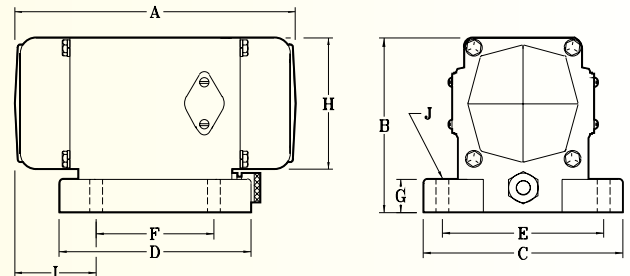
- Standard Setting
- 1) Motors are universal brush type
- 2) Motor enclosure: U1-75, open fan cooled. U1-500, and U1-1600, totally enclosed non-ventilated
- 3) Cord lengths: U1-75, 8ft. to plug. U1-500 & U1-1600, 7ft. to motor starter, 1ft. to plug.
- 4) All units are AC/DC, 1PH, 60hz
- 5) Sound produced in decibels - decibel reading taken with the vibrator mounted on a 400 lb. plate at a distance of 3ft. from dB meter - A scale - slow response.
 - * A) U1-75, Continuous duty.
 - B) U1-500 & U1-1600 are intermittent duty - rule of thumb - 1/2 duty cycle, 30 minutes on and 30 minutes off in each hour, let vibrator cool to ambient (room) temperature.
 - C) Mounting bolts & compression washers included with each model.
 - D) U1-75 & U1-500 drilled and tapped hole(s) to attach safety cable.

DIMENSIONS

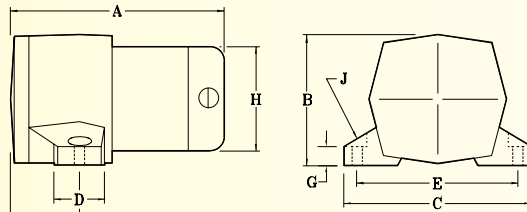
MODEL	Bolt Pattern										Bolt Size/Qty.	Weight/Lbs.
	A	B	C	D	E	F	G	H	I	J		
U1-75	4 5/8"	3 3/8"	3 1/2"	2 1/4"	3"	1 1/4"	1/8"	3 1/4"	1 5/8"	1/4" x 3/4" /4	5 lb.	
U1-500	7 1/2"	4 5/8"	6 3/4"	1 1/2"	5 1/2"		7/8"	3 7/8"	2 1/8"	3/8" x 1 1/4" /2	14 lb.	
U1-1600	9 1/16"	5 9/16"	6 3/8"	6 1/4"	5"	3 3/4"	1 1/8"	4 1/4"	2"	3/8" x 1 1/2" /4	23 lb.	



U1-75



U1-1600

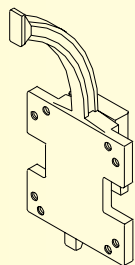


U1-500

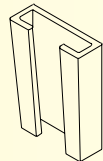
ACCESSORIES

MODEL	A	B	C	D ⁶	E	F
U1-75					115v	230v
U1-500				194269	196751	220300
U1-1600	223014	223015	220522	STD.	196751	196752
			220505	STD.	196754	196755

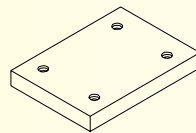
6) Nema4 Enclosure



Wedge Mount (A)



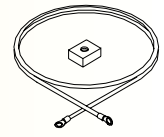
Wedge Mount Bracket (B)



Mount Plate (C)



Overload Protection (D)



Safety Cable (F)



Speed Control with Overload Protection (E)

WARRANTY

All Cougar Industries, Inc. products are covered by a one year limited warranty. Ask for details.