



MODEL	TRAVEL	RETR	EXTD	STL WGT	STL HP
EV20-01	12.00	20.00	32.00	470 LB*	C/F
EV20-02	24.00	22.00	46.00	496 LB*	C/F
EV20-03	36.00	24.00	60.00	514 LB*	C/F
EV20-04	48.00	28.00	76.00	544 LB*	C/F
EV20-05	60.00	30.00	90.00	560 LB*	C/F
EV20-06	72.00	34.00	106.00	590 LB*	C/F
EV20-07	84.00	36.00	120.00	610 LB*	C/F
EV20-08	96.00	40.00	136.00	640 LB*	C/F
EV20-09	108.00	42.00	150.00	650 LB*	C/F

**GENERAL NOTES:**

LOADING CAPACITY: 100 CFM  
AVERAGE AIR WITHDRAWAL: 450 CFM  
LIFTING SPEED: 16 FPM AVG

ALL INDUSTRIAL VOLTAGES ARE AVAILABLE FOR ELECTRICAL COMPONENTS.

PREWIRING OF ELECTRICAL COMPONENTS TO SPOUT FRAME JUNCTION BOX OPTIONAL.

ELECTRICAL ENCLOSURES NEMA 4 STANDARD. NEMA 4X, 7, AND 9 OPTIONAL.

COLLAPSIBLE FABRIC SLEEVE CAN BE CONSTRUCTED OF URETHANE/NYLON, HYPALON/NYLON, OR A NUMBER OF OTHER FABRICS. SLEEVES COME STANDARD WITH ALUMINUM OUTER AND INNER RINGS STANDARD.

METAL SURFACES ARE POWER TOOL CLEANED, PRIMED, AND FINISHED WITH INDUSTRIAL ENAMEL.

LOADING CAPACITY LISTED IS APPROXIMATE AND BASED ON FREE FLOWING PRODUCTS. CONSULT DCL FOR ACTUAL REQUIREMENTS.

AIR WITHDRAWAL REQUIREMENTS ARE AVERAGE. CONSULT DCL FOR FINAL RECOMMENDATIONS.

SPECIFICATIONS AND/OR DIMENSIONAL DATA ARE SUBJECT TO CHANGE. CONSULT DCL FOR CERTIFIED DRAWINGS.

CONE CONSTRUCTION NOTES: CONTAINED INNER DESIGN STANDARD WITH 0.13 AR STEEL, AND 0.13 304 OR 316 STAINLESS STEEL. OTHER MATERIALS AVAILABLE TO SUIT APPLICATION.

**OPTIONS:**

150# INLET FLANGE. ADDS 3.00 TO RETRACTED HEIGHT.

LEVEL SENSORS; TILT PROBE, RF PROBE, CAPACITANCE PROBE, PNEUMATIC PROBE.

AIR VIBRATOR KIT REQUIRES (40) CFM @ (80) PSI.

\*ESTIMATED WEIGHTS DO NOT INCLUDE OPTIONAL EQUIPMENT OR ELECTRICAL COMPONENTS.

REV	DATE	BY		
			<b>DCL</b>	
			SPECIALISTS IN ADVANCED DESIGN LOADING SYSTEMS	
			P.O. BOX 125 CHARLEVOIX, MICHIGAN 49720 (231) 547-5600	
			TOLERANCES UNLESS OTHERWISE SPECIFIED	
			FRACTIONAL: 1/16" DECIMAL: .06 ANGULAR: 1/2	
			DRAWN BY: JNM SCALE: NONE	
			CHECKED BY: ENG DATE: 09-28-00	
			TITLE: EV20 LOADING SPOUT (EV STYLE)	
			DRAWING No: EV20-10001	