



# QMXLE/QMXHPLE

MARK: \_\_\_\_\_

PROJECT: \_\_\_\_\_

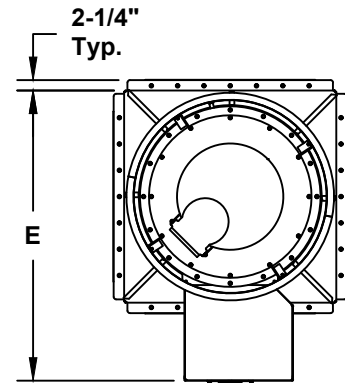
DATE: \_\_\_\_\_



Laboratory Exhaust  
Mixed-Flow Inline  
Bifurcated Belt Drive  
with Isolation Box

**DIMENSION DATA**

Size	A	B	C	D	E	Unit Weight	
						STD	HP
90	120	28	27 3/16	21 3/8	36 11/16	487	492
120	120	28	27 3/16	25 5/8	40 7/16	568	570
135	120	28	27 1/8	27 3/4	41 5/8	681	683
150	120	30	29 1/8	29 9/16	44 1/8	750	752
165	120	32	31 1/8	31 11/16	45 1/2	857	869
180	120	34	33 1/8	34 1/16	48	1009	1020
202	120	38	36 15/16	37 15/16	51 7/8	1199	1212
225	120	42	40 15/16	41 1/8	58	1347	1378
245	120	44	42 15/16	43 7/16	60 5/8	1510	1531
270	122 5/16	48	46 15/16	47	64 5/8	1724	1740
300	135 1/4	52	50 15/16	51 3/16	69 7/16	2032	2053
330	146 1/2	56	54 13/16	55 15/16	75 15/16	2427	2453
365	157 11/16	62	60 3/4	61 15/16	81 5/8	3225	3281
402	170 1/16	67	65 5/8	67 1/8	89 5/16	3803	3861
445	186 3/16	74	72 5/8	73 1/4	96 1/8	4438	4487
490	197 9/16	80	78 1/2	79 9/16	104 1/16	6901	6975



ALL DIMENSIONS IN INCHES. WEIGHTS IN LBS LESS MOTOR.  
 \* RECOMMENDED CURB OUTSIDE SQUARE DIMENSION.  
 \*\* ISOLATION BOX INSIDE SQUARE DIMENSION.  
 \*\*\* DIMENSION IS FROM THE BOTTOM OF THE CURB CAP TO THE TOP OF THE CURB.

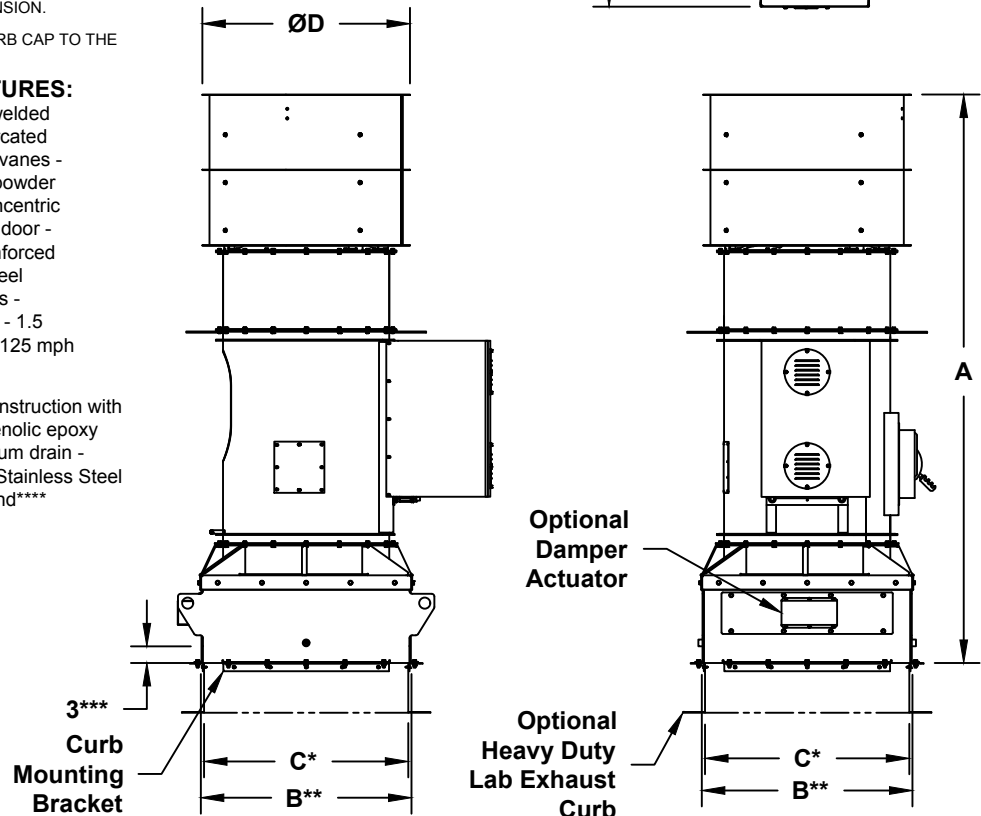
**STANDARD CONSTRUCTION FEATURES:**

High efficiency, non-overloading mixed-flow welded wheel - Minimum 14 gauge steel welded bifurcated housing - Welded aerodynamic straightening vanes - Hinged Discharge Damper - Phenolic epoxy powder with UV protection (Light Gray) - L10/40k Concentric locking regreasable bearings - Bolted access door - Lifting lugs - Fan drain - Weather cover - Reinforced curb cap - Stainless Steel shaft - Stainless Steel hardware - Stainless Steel extended lube lines - NEMA 3R disconnect mounted and pre-wired - 1.5 Service factor drives - Designed to withstand 125 mph wind\*\*\*\*

ISOLATION BOX: Single wall welded steel construction with inner angle frame - Bottom inlet location - Phenolic epoxy powder with UV protection (Light Gray) - Plenum drain - Painted aluminum gravity isolation damper - Stainless Steel hardware - Designed to withstand 125 mph wind\*\*\*\*

**OPTIONAL FEATURES SHOWN:**

Heavy Duty Lab Exhaust Curb  
Damper Actuator



NOT INTENDED TO BE SUPPORTED BY TRADITIONAL SHEETMETAL ROOF CURB, BUT BY INTEGRAL MEMBERS OF ROOF STRUCTURE.  
 \*\*\*\* WINDLOAD RATING DEPENDANT ON ADEQUATE ATTACHMENT TO ROOF STRUCTURE.