



COOK

QMXVP/QMXHPVP

DATE: _____
 PROJECT: _____
 LOCATION: _____



Vari-Plume®
Laboratory Exhaust
Mixed-Flow Inline
Belt Drive
With Isolation Box

DIMENSION DATA

Size	A	B	C	D	E	Approx. Ship Wt.
90	79	28	27 3/16	23	38	462
120	85	28	27 3/16	28	40 7/16	539
135	90	28	27 1/8	28	41 5/8	616
150	101	30	29 1/8	36	44 1/8	730
165	104	32	31 1/8	36	45 1/2	829
180	111	34	33 1/8	43	48	1005
202	118	38	36 15/16	50	51 7/8	1186
225	127	42	40 15/16	50	58	1383
245	135	44	42 15/16	61	60 5/8	1598
270	144	48	46 15/16	61	64 5/8	1807
300	162	52	50 15/16	74	69 7/16	2331
330	168	56	54 13/16	74	75 15/16	2682
365	189	62	60 3/4	89	81 5/8	3811
402	197	67	65 5/8	89	89 5/16	4316
445	216	74	72 5/8	89	96 1/8	4926
490	234	80	78 1/2	101	104 1/16	7628
540	252	87	85 3/8	101	111 3/8	8326
600	275	96	94 3/8	101	120 5/16	9882

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:

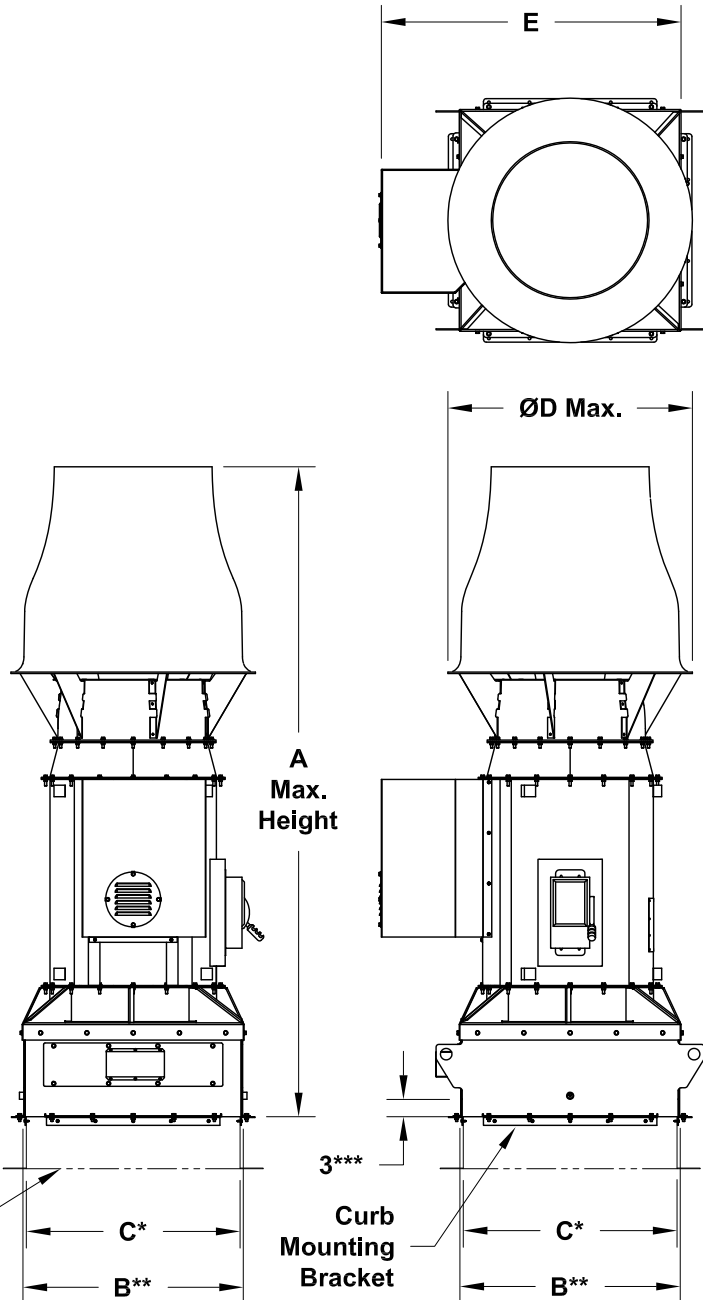
High efficiency, non-overloading mixed-flow welded wheel - Minimum 14 gauge steel welded housing - Welded aerodynamic straightening vanes - Double concentric accelerator fiberglass reinforced plastic induction nozzle and windband - Phenolic epoxy powder with UV protection (Light Gray) - L10/40k Concentric locking regreasable bearings - Bolted access door - Lifting lugs - Fan drain - Weather cover - Reinforced curb cap - Inlet duct collar - 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****

OPTIONAL FEATURES SHOWN:

Heavy Duty Lab Exhaust Curb

Optional
Heavy Duty
Lab Exhaust
Curb



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.