



COOK

QMXVPA/QMXHPVPA

MARK: _____

PROJECT: _____

DATE: _____

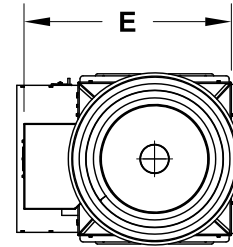


Vari-Plume®
Laboratory Exhaust
Mixed-Flow Inline
Bifurcated Belt Drive
With 1x1 Mixing Box

DIMENSION DATA

Size	A	B	C	D	E	F	G Height	H	J Width	Unit Weight	
										STD	HP
90	92 3/16	28	27 3/16	24 7/16	36 11/16	38	10 9/16	8	19 3/4	702	707
120	108 9/16	28	27 3/16	32 9/16	40 7/16	39	12 13/16	8	19 3/4	811	813
135	117 1/8	28	27 1/8	36 11/16	41 5/8	40	14 13/16	8	18 9/16	1026	1027
150	118 3/16	30	29 1/8	38 5/16	44 1/8	43	16 9/16	8	20 9/16	1073	1075
165	127 11/16	32	31 1/8	42 1/8	45 1/2	46	18 5/16	8	22 9/16	1232	1244
180	137 1/16	34	33 1/8	46	48	48	19 1/16	8	24 9/16	1440	1450
202	150	38	36 15/16	51 3/4	51 7/8	54	22 9/16	8	28 9/16	1753	1766
225	162 15/16	42	40 15/16	57 1/2	58	59	22 9/16	9	30 9/16	2019	2050
245	175 1/16	44	42 15/16	62 9/16	60 5/8	62	24 13/16	9	32 9/16	2333	2355
270	173 13/16	48	46 15/16	66 3/8	64 5/8	67	26 9/16	9	36 9/16	2668	2684
300	192 1/8	52	50 15/16	73 3/4	69 7/16	72	29 13/16	9	40 9/16	3176	3196
330	207 15/16	56	54 13/16	81 1/8	75 15/16	78	33 1/16	9	44 9/16	3653	3679
365	228 7/8	62	60 3/4	89 3/4	81 5/8	86	35 1/16	11	46 7/16	4770	4826
402	249 11/16	67	65 5/8	98 15/16	89 5/16	94	41 5/16	11	50 3/8	5852	5910
445	278 3/8	74	72 5/8	109 3/8	96 1/8	106	47 1/16	13	55 3/8	7062	7109
490	308 1/4	80	78 1/2	120 7/16	104 1/16	117	57 5/16	13	59 3/16	11402	11477
540	338 15/16	87	85 3/8	132 3/4	111 3/8	130	66 1/16	15	62 3/16	13705	13845
600	386 9/16	96	94 3/8	147 1/2	120 5/16	148	81 9/16	15	69 3/16	16728	16902

ALL DIMENSIONS IN INCHES. WEIGHTS IN LBS., LESS MOTOR.
* RECOMMENDED CURB OUTSIDE SQUARE DIMENSION.
** MIXING 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 - Double concentric accelerator with welded aluminum 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 - 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****

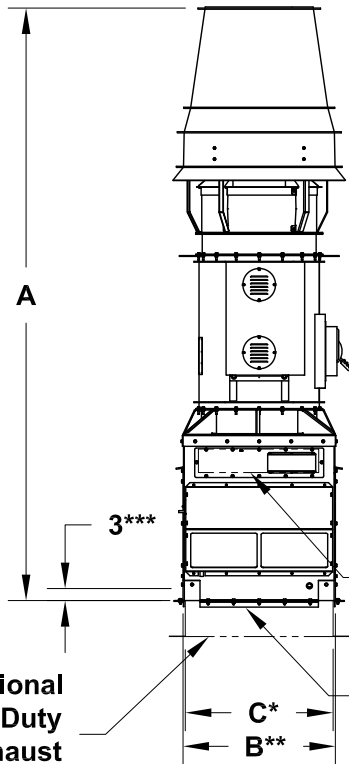
BYPASS PLENUM: Single wall welded steel construction with inner angle frame - Bottom inlet location - Phenolic epoxy powder with UV protection (Light Gray) - Plenum drain - Bolted access door - Painted aluminum bypass damper with manual hand quadrant - Weather hood - Stainless steel birdscreen - Stainless Steel hardware - Designed to withstand 125 mph wind****

OPTIONAL FEATURES SHOWN:

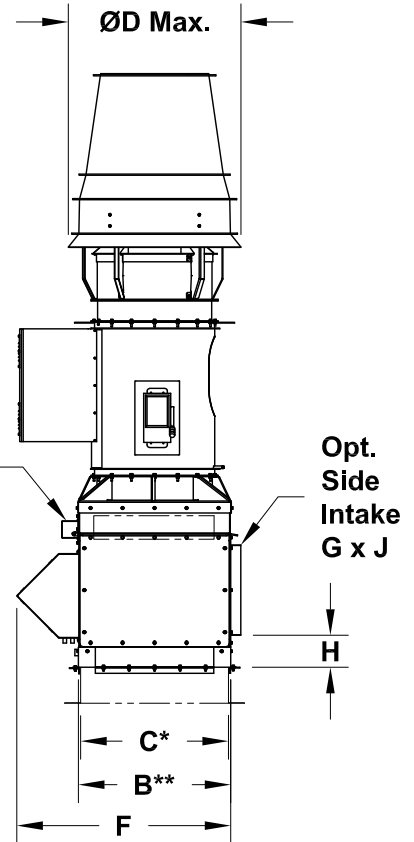
Heavy Duty Lab Exhaust Curb
Side Intake Opening
Isolation Damper
Damper Actuator

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.

Optional Heavy Duty Lab Exhaust Curb



Optional Isolation Damper
Curb Mounting Bracket



Optional Damper Actuator

Opt. Side Intake G x J