



COOK

QMXLE/QMXHPLE

MARK: _____

PROJECT: _____

DATE: _____



Laboratory Exhaust
Mixed-Flow Inline
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	120	28	27 3/16	21 3/8	36 11/16	38	10 9/16	8	19 3/4	722	727
120	120	28	27 3/16	25 5/8	40 7/16	39	12 13/16	8	19 3/4	812	814
135	120	28	27 1/8	27 3/4	41 5/8	40	14 13/16	8	18 9/16	1018	1020
150	120	30	29 1/8	29 9/16	44 1/8	43	16 9/16	8	20 9/16	1067	1069
165	120	32	31 1/8	31 11/16	45 1/2	46	18 5/16	8	22 9/16	1204	1217
180	120	34	33 1/8	34 1/16	48	48	19 1/16	8	24 9/16	1381	1391
202	125 13/16	38	36 15/16	37 15/16	51 7/8	54	22 9/16	8	28 9/16	1650	1663
225	134 3/4	42	40 15/16	41 1/8	58	59	22 9/16	9	30 9/16	1896	1927
245	146 1/16	44	42 15/16	43 7/16	60 5/8	62	24 13/16	9	32 9/16	2149	2170
270	155 5/16	48	46 15/16	47	64 5/8	67	26 9/16	9	36 9/16	2440	2456
300	171 1/16	52	50 15/16	51 3/16	69 7/16	72	29 13/16	9	40 9/16	2876	2896
330	185 3/4	56	54 13/16	55 15/16	75 15/16	78	33	9	44 1/2	3237	3263
365	203 3/16	62	60 3/4	61 15/16	81 5/8	86	35	11	46 3/8	4330	4386
402	222	67	65 5/8	67 1/8	89 5/16	94	41 1/4	11	50 5/16	5197	5255
445	248 1/8	74	72 5/8	73 1/4	96 1/8	106	47	13	53 5/16	6196	6245
490	271	80	78 1/2	79 9/16	104 1/16	117	57 1/4	13	59 1/8	9877	9952

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.

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.

STANDARD CONSTRUCTION FEATURES:

High efficiency, non-overloading mixed-flow welded wheel - Minimum 14 gauge steel welded 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****

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****

OPTIONAL FEATURES SHOWN:

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

