

MARK: _____
 PROJECT: _____
 DATE: _____



**Laboratory Exhaust
 Mixed-Flow Inline
 Bifurcated Direct Drive
 with 1x3 Mixing Box
 Parallel Bypass**

DIMENSION DATA

Size	A	B	C	D	F	G Height	H	J Width	K	L	M	STD Unit Weight	HP Unit Weight
150	120	30	29 1/8	29 9/16	43	16 9/16	8	20 9/16	105 1/2	106	38 9/16	3071	3073
165	120	32	31 1/8	31 11/16	46	18 5/16	8	22 9/16	111 1/2	112	40 9/16	3263	3268
180	120	34	33 1/8	34 1/16	48	19 1/16	8	24 9/16	133 1/2	134	50 9/16	3634	3640
202	125 13/16	38	36 15/16	37 15/16	54	22 9/16	8	28 9/16	141 1/4	142	52 9/16	4398	4401
225	134 3/4	42	40 15/16	41 1/8	59	22 9/16	9	30 9/16	143 1/4	144	51 9/16	5079	5091
245	146	44	42 15/16	43 7/16	62	24 13/16	9	32 9/16	171 5/16	172	64 9/16	5895	5910
270	155 5/16	48	46 15/16	47	67	26 9/16	9	36 9/16	175 5/16	176	64 9/16	6527	6529
300	171	52	50 15/16	51 3/16	72	29 13/16	9	40 9/16	211 5/16	212	80 9/16	7941	7944
330	185 3/4	56	54 13/16	55 15/16	78	33	9	44 1/2	215 5/16	216	80 9/16	8183	8188
365	203 3/16	62	60 3/4	61 15/16	86	35	11	46 3/8	255 1/4	257	97 3/4	10402	10411
402	222	67	65 5/8	67 1/8	94	41 1/4	11	50 5/16	260 3/8	262	97 3/4	12897	12891
445	248 1/8	74	72 5/8	73 1/4	106	47	13	53 5/16	267 3/8	269	97 3/4	16212	16191
490	271	80	78 1/2	79 9/16	117	57 1/4	13	59 1/8	303 1/2	305	112 7/8	23748	23742

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 aluminum wheel - Minimum 14 gauge steel welded bifurcated housing - Welded aerodynamic straightening vanes - Hinged discharge damper with windband - Phenolic epoxy powder with UV protection (Light Gray) - Bolted access door - Lifting Lugs - Fan drain - Weather cover - Reinforced curb cap - Stainless Steel hardware - Stainless Steel extended lube lines when applicable - NEMA 3R disconnect mounted and pre-wired - 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 - Painted aluminum isolation damper with 2 position actuator - 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
- 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.

