

MARK: \_\_\_\_\_  
 PROJECT: \_\_\_\_\_  
 DATE: \_\_\_\_\_



**Laboratory Exhaust  
 Mixed-Flow Inline  
 Dual Access Direct Drive  
 with 1x1 Mixing Box**

**DIMENSION DATA**

Size	A	B	C	D	F	G Height	H	J Width	STD Unit Weight	HP Unit Weight
150	120	30	29 1/8	29 1/8	43	16 9/16	8	20 9/16	944	944
165	120	32	31 1/8	31 1/8	46	18 5/16	8	22 9/16	1010	1012
180	120	34	33 1/8	33 1/8	48	19 1/16	8	24 9/16	1073	1075
202	125 13/16	38	36 15/16	36 15/16	54	22 9/16	8	28 9/16	1283	1284
225	134 3/4	42	40 15/16	40 15/16	59	22 9/16	9	30 9/16	1553	1557
245	146 1/16	44	42 15/16	42 15/16	62	24 13/16	9	32 9/16	1934	1717
270	155 5/16	48	46 15/16	46 15/16	67	26 9/16	9	36 9/16	1712	1925
300	171 1/16	52	50 15/16	50 15/16	72	29 13/16	9	40 9/16	1924	2262
330	185 3/4	56	54 13/16	54 13/16	78	33	9	44 1/2	2261	2443
365	203 3/16	62	60 3/4	60 3/4	87	35	11	46 3/8	3074	3077
402	222	67	65 5/8	65 5/8	95	41 1/4	11	50 5/16	3842	3840
445	248 1/8	74	72 5/8	72 5/8	106	47	13	53 5/16	4894	4887
490	271	80	78 1/2	78 1/2	117	57 1/4	13	59 1/8	7165	7163

ALL DIMENSIONS IN INCHES. WEIGHTS IN LBS., LESS MOTOR AND DRIVES.

\* 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 dual access 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 - 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 - Weather hood - Stainless steel birdscreen - Stainless Steel hardware - Designed to withstand 125 mph wind \*\*\*\*

**OPTIONAL FEATURES SHOWN:**

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

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.

