



# COOK

# QMXDLE/QMXHPDLE

MARK: \_\_\_\_\_

PROJECT: \_\_\_\_\_

DATE: \_\_\_\_\_



## Laboratory Exhaust Mixed-Flow Inline Bifurcated Direct Drive with Isolation Box

### DIMENSION DATA

Size	A	B	C	D	Unit Weight	
					STD	HP
150	120	30	29 1/8	29 9/16	627	627
165	120	32	31 1/8	31 11/16	663	665
180	120	34	33 1/8	34 1/16	701	703
202	120	38	36 15/16	37 15/16	732	833
225	120	42	40 15/16	41 1/8	1004	1008
245	120	44	42 15/16	43 7/16	1073	1078
270	122 5/16	48	46 15/16	47	1208	1209
300	135 1/4	52	50 15/16	51 3/16	1417	1418
330	146 1/2	56	54 13/16	55 15/16	1632	1634
365	157 11/16	62	60 3/4	61 15/16	1969	1972
402	170 1/16	67	65 5/8	67 1/8	2448	2446
445	186 3/16	74	72 5/8	73 1/4	3136	3129
490	197 9/16	80	78 1/2	79 9/16	4148	4187

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 aluminum wheel - Minimum 14 gauge steel welded bifurcated housing - Welded aerodynamic straightening vanes - Hinged Discharge Damper - 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\*\*\*\*

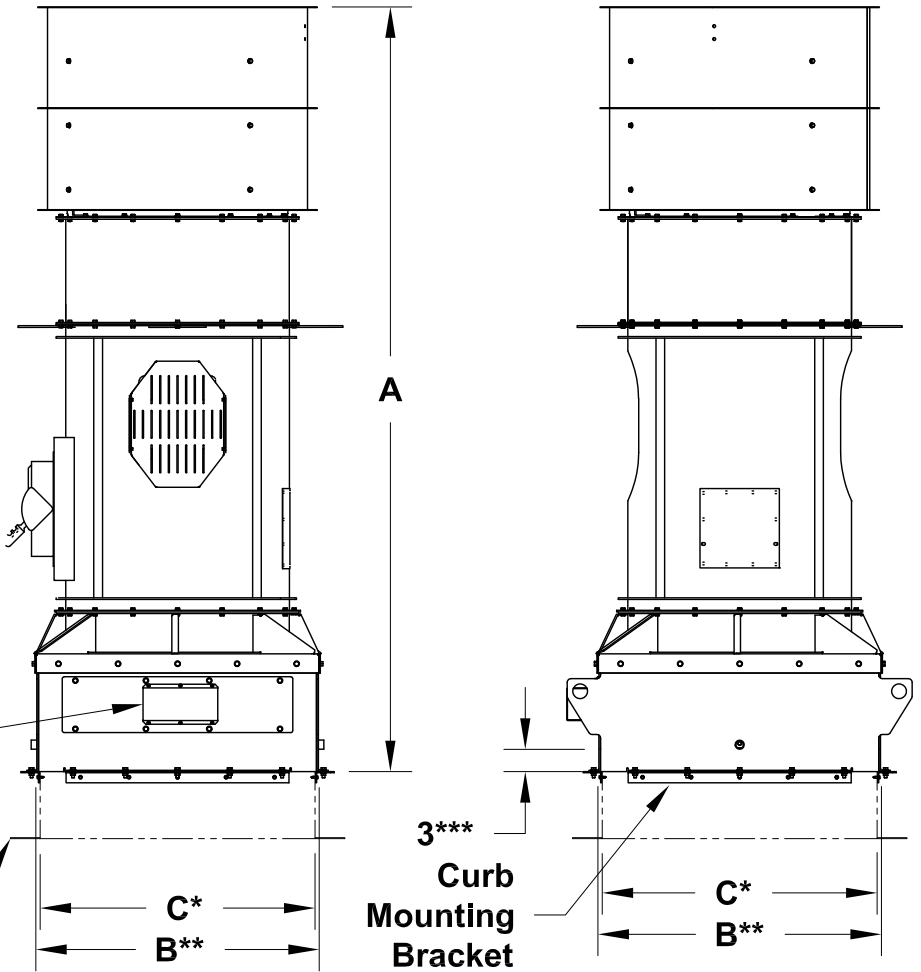
ISOLATION BOX: Single wall welded steel construction with inner angle frame - Bottom inlet location - Phenolic epoxy powder with UV protection (Light Gray) - Plenum drain - Painted aluminum gravity isolation damper - Stainless Steel hardware - Designed to withstand 125 mph wind\*\*\*\*

### OPTIONAL FEATURES SHOWN:

Heavy Duty Lab Exhaust Curb  
 Damper Actuator

Optional  
 Damper Actuator

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.