



# COOK

# QMXVP/QMXHPVP

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

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

LOCATION: \_\_\_\_\_



Vari-Plume®

Laboratory Exhaust

Mixed-Flow Inline High Pressure

Belt Drive

### DIMENSION DATA

Size	A	B	C	D	E	Approx. Ship Wt.
90	66	28	27 3/16	23	38	310
120	72	28	27 3/16	28	40 7/16	387
135	77	28	27 1/8	28	41 5/8	464
150	88	30	29 1/8	36	44 1/8	504
165	91	32	31 1/8	36	45 1/2	586
180	98	34	33 1/8	43	48	745
202	105	38	36 15/16	50	51 7/8	875
225	114	42	40 15/16	50	58	1033
245	122	44	42 15/16	61	60 5/8	1230
270	131	48	46 15/16	61	64 5/8	1377
300	149	52	50 15/16	74	69 7/16	1862
330	155	56	54 13/16	74	75 15/16	2177
365	176	62	60 3/4	89	81 5/8	3294
402	184	67	65 5/8	89	89 5/16	3781
445	203	74	72 5/8	89	96 1/8	4320
490	221	80	78 1/2	101	104 1/16	6798
540	239	87	85 3/8	101	111 3/8	7467
600	262	96	94 3/8	101	120 5/16	8692

ALL DIMENSIONS IN INCHES, WEIGHTS IN LBS LESS MOTOR

\* RECOMMENDED CURB OUTSIDE SQUARE DIMENSION.

\*\* CURB CAP 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 housing - Welded aerodynamic straightening vanes - Double concentric accelerator fiberglass reinforced plastic 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 - Inlet duct collar - 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\*\*\*\*

### OPTIONAL FEATURES SHOWN:

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.

Optional Heavy Duty Lab Exhaust Curb

