

# Mussun Memo

Mussun Sales, Inc.

December 2020



## Outdoor Pre-insulated Duct System



### OUTDOOR DUCT MADE EASY. WITHSTANDS HARSH WEATHER CONDITIONS.

Engineered for exterior use, Q Duct® Outdoor Pre-insulated Duct System is constructed to withstand harsh weather conditions in all climates. Q Duct® is custom fabricated using two layers of rigid UL 181 Pal phenolic core material, faced on both sides with coated aluminum and an exterior multilayered laminate jacketing material. Requiring no additional insulation or weatherproofing, Q Duct® sections are delivered pre-assembled to the job site ready for installation by a trained contractor. The product's unique design easily installs in a fraction of the time of traditional insulated sheet metal duct, saving money and labor.

#### Q Duct® Features

- \*Interlocking design with a quadruple seal
- \*Meets UL 181
- \*Meets ASTM E84 flame and smoke requirements, 25/50
- \*Self-insulated—no need for insulation subcontractors
- \*Contains no microfibers, CFC or HCFC
- \*Thermal break design with no through metal

#### Q Duct® Benefits

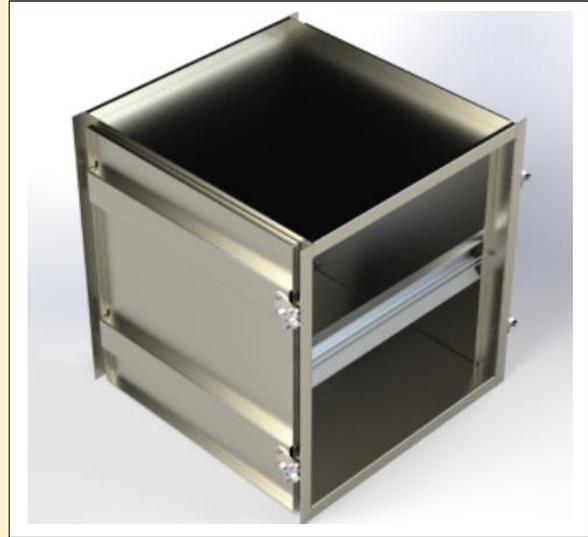
- \* Saves energy, space and labor
- \*Improved indoor air quality (IAQ)
- \*Significantly lowers air and water leakage
- \*Durable, yet lightweight
- \*Fast and easy installation
- \*Can contribute toward LEED® points

**We offer full drawing capabilities for new and retrofit projects.**



P & G M A N U F A C T U R I N G I N C .

We offer many designs including flat bank, V-Bank, locking HEPA housings and Bag-In, Bag-Out housings and have quick ship options available. P&G Manufacturing can design and build custom, side access filter housings to meet your strictest airflow and filtration requirements. Contact your Mussun Representative for details.



We offer full engineered drawings for your next project

		SIZE CODES								ORDER DETAILS				STANDARD OPTIONS (CHECK IF APPLICABLE)					
"H" HEIGHT	WIDTH "W"	05W	10W	15W	20W	25W	30W	35W	40W	ITEM	HEIGHT	WIDTH	DEPTH	QTY. REQD.	PREFILTER SIZE		STATIC PRESSURE PORTS (REF. CSD-020)		
05H	14 7/8"	14 1/8"	26 1/8"	37 1/2"	49 1/2"	60 7/8"	72 7/8"	84 1/4"	96 1/4"	1	26 7/8"	49 1/2"	27 3/8"	1	<input type="checkbox"/> 2" (NOM.)	<input type="checkbox"/> PORTS ONLY (PLUGGED)	<input type="checkbox"/> WITH GAGES	<input type="checkbox"/> FACTORY MOUNTED	
10H	26 7/8"	<small>SIZE CODES NOTE: TO DETERMINE SIZE CODE OF DESIRED HOUSING, 05 SIZED UNITS REPRESENT A 12" NOMINAL SIZE FILTER AND 10 SIZED UNITS REPRESENT A 24" NOMINAL SIZE FILTER. WITH 2 FILTERS BEING CONTAINED WITHIN EACH SECTION OF THE UNIT. IE: A 10H15W UNIT WOULD ACCOMMODATE (2) 24"x24" NOMINAL FILTERS AND (2) 24"x12" NOMINAL FILTERS PLACED SIDE BY SIDE.</small>								2					<input checked="" type="checkbox"/> 4" (NOM.)	<input type="checkbox"/> MAGNEHELIC 2000 SERIES	<input type="checkbox"/> PHOTOHELIC A3000 SERIES		
15H	39"	PREFILTER DEPTH		DEPTH "D"		3				4					<input type="checkbox"/> GALVANIZED STEEL	<input type="checkbox"/> RANGE: _____	<input type="checkbox"/> WEATHER PROOF GAGE BOX	<input type="checkbox"/> INSULATION	
20H	51"	2"		26 3/8"		5				5					<input type="checkbox"/> ALUMINIZED STEEL	<input type="checkbox"/> RANGE: _____	<input type="checkbox"/> 2" THICK, FOIL BACKED, DOUBLE WALL	<input type="checkbox"/> WEATHER COVER	
25H	63 1/8"	4"		27 3/8"		E.X. 205L 151W 27-3/8 16				DOORS		<input checked="" type="checkbox"/> FLAIN (STANDARD)	<input type="checkbox"/> UPSTREAM	<input type="checkbox"/> UPSTREAM	<input type="checkbox"/> DOWNSTREAM	<input type="checkbox"/> SQUARE COLLAR: HW <input checked="" type="checkbox"/> X _____	<input type="checkbox"/> LIFTING LUGS	<input type="checkbox"/> HIGH TEMP. GASKET	
30H	75 1/8"					AIR FLOW		ACCESS VIEW		FLANGE CONNECTION		<input type="checkbox"/> DRILLED (REF. CSD-016)	<input type="checkbox"/> UPSTREAM	<input type="checkbox"/> DOWNSTREAM	<input type="checkbox"/> ROUND COLLAR: ID _____	<input type="checkbox"/> 2	<input type="checkbox"/> 4	<input type="checkbox"/> YES	
35H	87 1/4"					<input checked="" type="checkbox"/> HORIZONTAL (STANDARD)	<input type="checkbox"/> VERTICAL UPFLOW	<input type="checkbox"/> VERTICAL DOWNFLOW	<input type="checkbox"/> 1 DOOR (SPECIFY ACCESS)	<input type="checkbox"/> RIGHT HAND	<input type="checkbox"/> LEFT HAND	<input type="checkbox"/> FLANGES	<input type="checkbox"/> UPSTREAM	<input type="checkbox"/> DOWNSTREAM	<input type="checkbox"/> TRANSITIONS	<input type="checkbox"/> UPSTREAM	<input type="checkbox"/> DOWNSTREAM	<input type="checkbox"/> YES	<input type="checkbox"/> NO
40H	99 1/4"					STANDARD SPECS:		1. UNIT SHALL BE MANUFACTURED FROM 16 GA. MATERIAL. FOR 2" NOM. PREFILTERS AN ALUMINUM EXTRUSION TRACK WILL RETAIN THE FILTER WITH A NYLON PILE SEAL TO SEAL THE FILTER EDGES. NEOPRENE GASKET SHALL SEAL DOOR EDGES. POLYURETHANE FOAM INSIDE ACCESS DOOR GASKETS FILTERS TO PREVENT BYPASS. DOORS ARE FITTED WITH POSITIVE PRESSURE TRIP LOCK LATCHES.		2. UNIT IS DESIGNED TO ACCOMMODATE: 2" NOM. PREFILTER (ALUMINUM EXTRUSION), 4" NOM. PREFILTER (FORMED 16 GA. MATERIAL).		3. UNITS OVER 40W CAN BE PRODUCED BY COMBINING SMALLER UNITS TOGETHER. TO FIND THE WIDTH OF THOSE UNITS, ADD THE WIDTHS OF THE TWO SMALLER UNITS TOGETHER AND SUBTRACT 2-1/2". IE: A 60W UNIT WOULD BE (2) 30W UNITS TOGETHER, TO FIND WIDTH: 72-7/8" + 72-7/8" - 2-1/2" FOR A WIDTH OF 143-1/4".		4. UNITS THAT ARE TO BE VERTICAL FLOW WILL COME EQUIPPED WITH SAFETY CHAINS ON DOORS. (ONE PER DOOR) DOOR WILL ALWAYS BE HINGED ON LOWER SIDE OF HOUSING WITH CHAIN ATTACHED TO DOOR AND LATCH SIDE.		IF YOU DO NOT SEE THE OPTIONS YOU REQUIRE, THE MANUFACTURER CAN CUSTOM DESIGN YOUR HOUSING TO NEARLY ANY SIZE AND SPECIFICATION.		<b>V-BANK</b> <b>P&amp;G MANUFACTURING</b> WASHINGTON N.C. 27889 PHONE NO.: 252-946-9110 FAX NO.: 252-946-4823	
CUSTOMER INFORMATION		Q00168: Mussun VeeBank		THE DEVICE DEPICTED AND DESCRIBED HEREON, EXCEPT WHERE SHOWN OTHERWISE, IS THE PROPERTY OF P&G MANUFACTURING INC. ALL DESIGN, MANUFACTURING INFORMATION, QUALITY AND PATENT RIGHTS RESERVED. NO PARTS OR SERVICES ARE TO BE GRANTED IN WRITING.		UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES. FRACTION: 1/16" DECIMAL: .005" ANGULAR: ±1°		DRAWN BY: WMA DATE: 5/7/2010 APPROVED BY: JWW DATE: 6/29/10		DRAWING NO.: CSD-003 SHEET 1 OF 1 REV. 0									

# KEEP ON TRUCKIN'



Freight is a huge and often overlooked part of our industry. Timely and safe transportation of materials from plants to jobsites is an involved process with a long history.

Loren Cook began operations in Berea in 1941. The interstate highway system and the Less-than-Truckload long haul carriers had not been invented yet. In the late 1940's, Cook owned a 1948 Dodge flatbed stake truck to make some local and regional deliveries. As the years went on and more loads shifted to common carriers, Cook used the Dodge to make special local deliveries to schools and high-profile jobs from their plant in Berea.



Cook recently restored a 1948 Dodge truck, seen above, as a replica of their first delivery truck. It was lowered into the center of their building during construction as you see here and remains on display.

In the early 1970's, Cook bought a cab-over Kenworth, seen at left, to handle larger deliveries, and soon bought a second, similar truck to handle longer runs and to shuttle materials between their Springfield, MO plant and the Berea plant. While having their own truck was practical, it was not profitable as there were often no loads to pick up for the return trip.

Today, Cook loads hundreds of trailers from common carriers and dedicated carriers each day from the Springfield Plant's many dock doors. Cook's traffic department generates instant freight quotes for jobs consisting of one small bath fan to an entire convoy of eighteen wheelers full of fans.

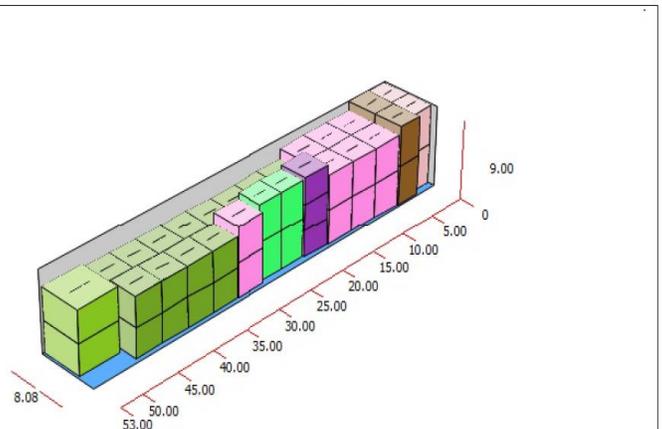
The safe loading of fans on a flatbed or enclosed trailed is not performed by a random guess or trial and error. Cook's traffic department uses the latest programs which optimize the way fans are loaded, as seen at right. The program contains the exact crate dimensions and weights of every fan and maximizes the number of fans loaded per trailer. This not only cuts down on freight costs, but can often reduce the number of trucks needed to do the job, which means less trucks on the road.

## Loren Cook Co

Cook\_Trailer\_Diagrams\_11-4-2020\_3.18.21\_PM

11/4/2020

Container	1 / 53' Box	Volume	2844.73 cu.ft (73.78%)
SCAC / Id	/	Weight	17577.00 lbs (31.96%)
Load Dimensions	52.66 x 7.95 x 8.92 ft	Weight+Tare	17577.00 lbs
Container dimensions	53.00 x 8.08 x 9.00 ft	Total Loaded	55





Did you know?

Modine unit heaters are still made in USA: Buena Vista, Virginia! And most gas and hot water heaters ship the same day for 1-2 day delivery! Ask your Mussun Sales Rep for the latest pricing sheet and details!



### School or Gym Application?

#### Insist on heavy duty lattice grilles from AJ Manufacturing!

Mussun Sales offers a variety of steel, aluminum, and stainless lattice grilles in several attractive hole patterns and custom finishes.

Thicknesses range from 12 to 10 gage with a wide range of border sizes.

These lattice grilles are ideal for new and retrofit applications in schools, gyms, rec centers, and other high-traffic, high abuse applications.



**PLEASE CALL YOUR MUSSUN SALES REPRESENTATIVE FOR MORE INFORMATION**

**OR TO SEE A SAMPLE!**

### ***PDH HOURS***

***Mussun Sales posts upcoming webinars on our Events section of our website.  
Be sure to check out topics which qualify for PDH Hours.***

***To Unsubscribe, simply reply to this email with "unsubscribe" in the subject line.***

***Mussun Sales  
Cleveland - Akron - Columbus  
Since 1951***