

Tube Ventilation System

Tube ventilation is a unique method that gently introduces fresh air into enclosed environments without introducing harmful cold drafts.

J&D Manufacturing customizes each Tube Ventilation System for your specific application.

Call today to discuss your ventilation requirements.



Verified Performance

System Features

- Fan, weather hood, and tube (for 12"-24" models)
- Positive pressure system
- Provides gentle fresh air induction without creating a draft
- May also provide heat distribution and air recirculation if mounted away from the end wall

Fan Features

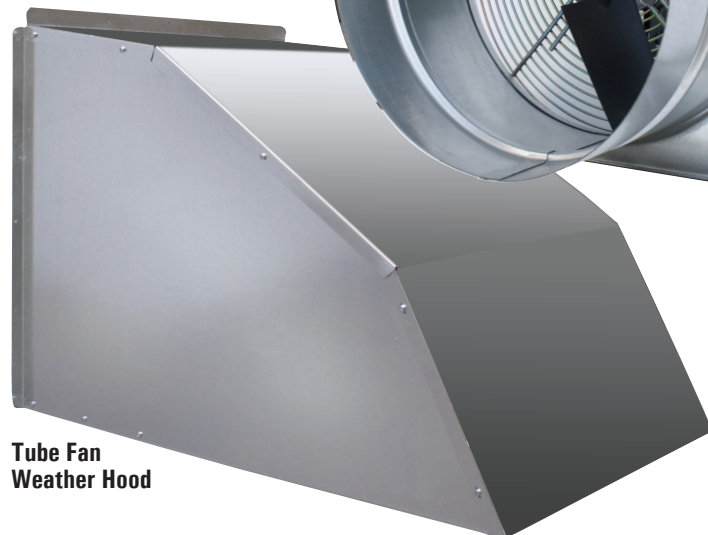
- 18-gauge galvanized housing with formed channel for securing the vent tube to the fan
- Corrosion-resistant guards
- Poly, aluminum, and galvanized propellers (not all types are available in all sizes)
- Includes cable ties for securing the tube to the fan
- Totally enclosed, maintenance-free, direct drive, high-efficiency motors have completely sealed ball bearings, are UL and CUL recognized and are covered by a **2 Year Warranty**



Tube



Tube Fan

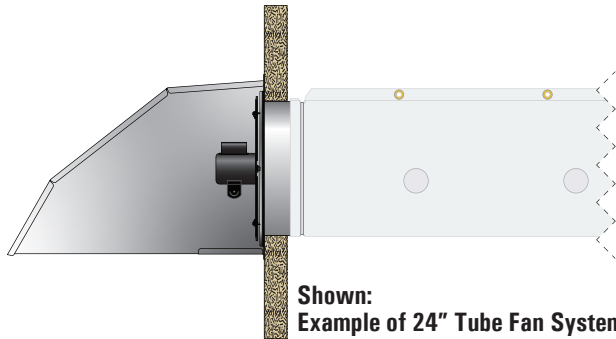


Tube Fan Weather Hood

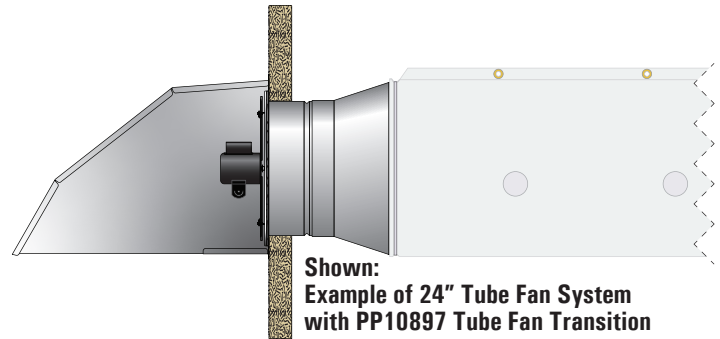
⚠ WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov/product.

Tube Ventilation System

Tube is ordered separately, see Ventilation Tube page for selectable options



Shown:
Example of 24" Tube Fan System



Shown:
Example of 24" Tube Fan System
with PP10897 Tube Fan Transition

TUBE VENTILATION SYSTEMS

Part#	Size	Minimum Tube Diameter	Ph	Spd	CFM @ 0.18 SP	Drive	Prop
12" - 24" Tube Fans With Weather Hood							
Single Phase							
12"							
VTGW12P12A	12"	13"	1	1	1,200	Direct	8-Ply
16"							
VTGW16P19A	16"	17"	1	1	1,900	Direct	4-Ply
VTGW16P22A	16"	17"	1	1	2,200	Direct	3-Ply
VTGW16P27A	16"	17"	1	1	2,700	Direct	6-Ply
20"							
VTGW20P33A	20"	22"	1	1	3,300	Direct	2-Ply
VTGW20P35A	20"	22"	1	1	3,500	Direct	3-Ply
VTGW20P39A	20"	22"	1	1	3,900	Direct	4-Ply
24"							
VTGW24P41A	24"	25"	1	1	4,100	Direct	3-Ply
VTGW24A45A	24"	25"	1	1	4,500	Direct	3-Alm
VTGW24P50A	24"	25"	1	1	5,000	Direct	4-Ply
VTGW24P56A	24"	25"	1	1	5,600	Direct	4-Ply
VTGW24P61A	24"	25"*	1	1	6,100	Direct	4-Ply
VTGW24P65A	24"	25"*	1	1	6,500	Direct	4-Ply
VTGW24P72A	24"	25"*	1	1	7,200	Direct	4-Ply
Three Phase							
24"							
VTGW24P41A-3	24"	25"	3	1	4,100	Direct	3-Ply
VTGW24P44A-3	24"	25"	3	1	4,400	Direct	4-Ply
VTGW24P47A-3	24"	25"	3	1	4,700	Direct	4-Ply
VTGW24P53A-3	24"	25"	3	1	5,300	Direct	4-Ply
VTGW24P60A-3	24"	25"*	3	1	6,000	Direct	4-Ply
VTGW24P64A-3	24"	25"*	3	1	6,400	Direct	4-Ply
VTGW24P72A-3	24"	25"*	3	1	7,200	Direct	4-Ply
Accessories							
PP10897 Transition, Tube Fan, 32"-36" Tube to 24" Tube Fan							
* If using a 32" or larger tube with one of the 24" high performance models a Tube Fan Transition (PP10897) is recommended							
To order models without hood remove the "W" from part#							

Part#	Size	Minimum Tube Diameter	Ph	Spd	CFM @ 0.18 SP	Drive	Prop
30"-36" Tube Fans Without Weather Hood**							
Single Phase							
30"							
VTG30A63A	30"	32"	1	1	6,271	Direct	3-Alm
VTG30A69A	30"	32"	1	1	6,866	Direct	3-Alm
VTG30A74A	30"	32"	1	1	7,351	Direct	3-Alm
Three Phase							
30"							
VTG30A62A-3	30"	32"	3	1	6,235	Direct	3-Alm
VTG30A67A-3	30"	32"	3	1	6,692	Direct	3-Alm
VTG30A73A-3	30"	32"	3	1	7,254	Direct	3-Alm
36"							
VTG36GA86A-3	36"	38"	3	1	8,600	Belt	4-Glv
VTG36GA92A-3	36"	38"	3	1	9,200	Belt	4-Glv
VTG36GA96A-3	36"	38"	3	1	9,500	Belt	4-Glv
VTG36GA103A-3	36"	38"	3	1	10,300	Belt	4-Glv
VTG36GA112A-3	36"	38"	3	1	11,200	Belt	4-Glv
VTG36GA121A-3	36"	38"	3	1	12,100	Belt	4-Glv

** For weather hood guidelines for the 30"-36" tube fan contact J&D

Bold red text is data based on testing performed by an accredited lab using ANSI/AMCA Standard 210-07

OSHA requires this fan to be mounted a minimum of 7' above the floor

Don't forget to order your tube

Fan Size	Fan Rough Opening	Weather Hood must be mounted centered over fan
12"	14"W x 14"H	27"W x 26"H
16"	18"W x 18"H	27"W x 26"H
20"	22½"W x 22½"H	45"W x 31"H
24"	26"W x 26"H	45"W x 31"H
30"	33"W x 33"H	++
36"	40½"W x 40½"W	++

** For weather hood guidelines for the 30"-36" tube fan contact J&D

For additional accessories to compliment your Tube Ventilation System refer to the following catalog sections, "Environmental Controls" for a complete line of J&D Controls and "Inlets" for a selection of J&D Aluminum Intake Power Shutters.

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Ventilation Tubes



J&D's reinforced poly ventilation tubes have the quality and options to meet your needs. Whether completing your new tube system, replacing a worn or damaged tube, or just updating your airflow pattern, J&D can help. Ventilation tubes are individually built for each application to provide proper airflow.

Call today to discuss your ventilation requirements.

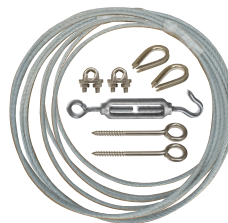
Features

- Made from 4oz reinforced poly material
- Hole spacing and location built specifically for your application
- Tubes that qualify for standard status offer a great product at an even better price
- Custom tubes offer nearly limitless configurations for those hard to efficiently ventilate spaces
- Reinforced grommeted hanger/s enables the use of ring connectors or spring loaded snap clips for quick installation and easy removal for cleaning and sanitizing (grommets are spaced 2' apart on center)



Ventilation Tube Support Kits

Part#	Description
Cable Kits	
HK162	50' Cable Kit, Ventilation Tube Support, w/Assembly Hdwr
HK163	100' Cable Kit, Ventilation Tube Support, w/Assembly Hdwr
HK164	150' Cable Kit, Ventilation Tube Support, w/Assembly Hdwr
HK165	200' Cable Kit, Ventilation Tube Support, w/Assembly Hdwr
Tools, Rings & Clips	
PP10744	Pliers, Manual Hog Ring, with Spring Loaded Magazine
HD10597	Hog Rings, Aluminum Blunt Point , 9 Gauge (Qty 25)
PP10888	Snap Clip, 5/16" Spring Loaded Opening, Steel w/Zinc Finish



50', 100', 150', & 200'
Ventilation Tube
Support Cable Kits



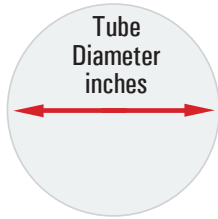
PP10888
Spring Loaded
Snap Clip



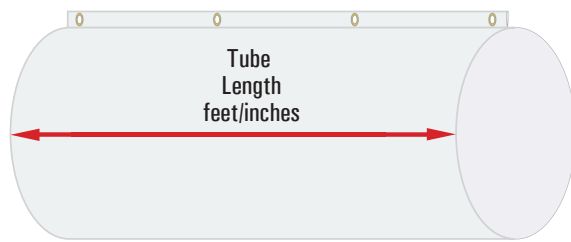
PP10744
Hog Ring Pliers for
Connecting Tube to Cable

Ordering Ventilation Tubes

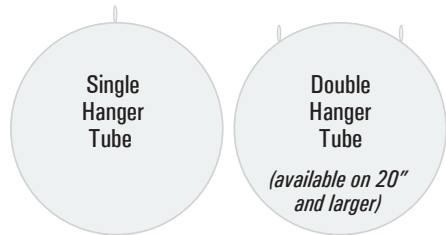
Step 1: Select tube diameter



Step 2: Select tube length



Step 3: Select single or double hanger

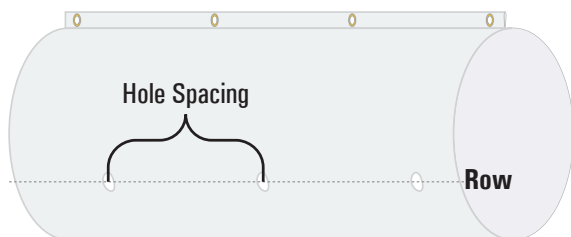


Step 4: Select hole size for row of holes
 $\frac{1}{2}$ " , $\frac{3}{4}$ " , 1" , 1 $\frac{1}{4}$ " , 1 $\frac{1}{2}$ " , 1 $\frac{3}{4}$ " , 2" , 2 $\frac{1}{4}$ " , 2 $\frac{1}{2}$ " , 2 $\frac{3}{4}$ " , 3" , or a custom size

Step 5: Select clock position for row of holes*



Step 6: Select hole spacing for row of holes*



Step 7: Repeat steps 4 through 6 for each additional row of holes

Ventilation Tube Ordering Worksheet

	Component Descriptions	Units of Measurement
Tube		
Step 1	Diameter	Inches
Step 2	Length	Feet
Step 3	Hanger/s	1 or 2
Row #1		
Step 4	Hole Size	Inches
Step 5	Hole Location*	Clock Position
Step 6	Hole Spacing *	Inches
Row #2		
Step 4	Hole Size	Inches
Step 5	Hole Location*	Clock Position
Step 6	Hole Spacing *	Inches
Row #3		
Step 4	Hole Size	Inches
Step 5	Hole Location*	Clock Position
Step 6	Hole Spacing *	Inches
Row #4		
Step 4	Hole Size	Inches
Step 5	Hole Location*	Clock Position
Step 6	Hole Spacing *	Inches
Row #5		
Step 4	Hole Size	Inches
Step 5	Hole Location*	Clock Position
Step 6	Hole Spacing *	Inches
Row #6		
Step 4	Hole Size	Inches
Step 5	Hole Location*	Clock Position
Step 6	Hole Spacing *	Inches
* All hole locations and spacing must be given as on-center measurements		

Standard Tube Row Spacing Minimums

Tube Diameter	Row Separation Minimum hr:min
8"	2:00
9" - 10"	1:45
11" - 12"	1:30
13" - 15"	1:15
16" - 20"	1:00
21" - 30"	0:45
31" - 43"	0:30

Qualifying for Standard Status

Tube must meet the following specifications

- Tube must be Single Hanger
- Tube diameter must be in whole inches and between 8" and 43"
- Rows must be on full quarter hour increment clock positions
- Each series of holes in a single row must be the same size and have the same spacing between holes
- No more than 2 rows per tube may have the same size hole
- Rows require a minimum spacing between rows, using your chosen tube diameter refer to the table above right (Standard Tube Row Spacing Minimums) to evaluate compliance for standard vs custom placement
- Hole sizes can be any $\frac{1}{4}$ " increment from $\frac{1}{2}$ " up to 3"