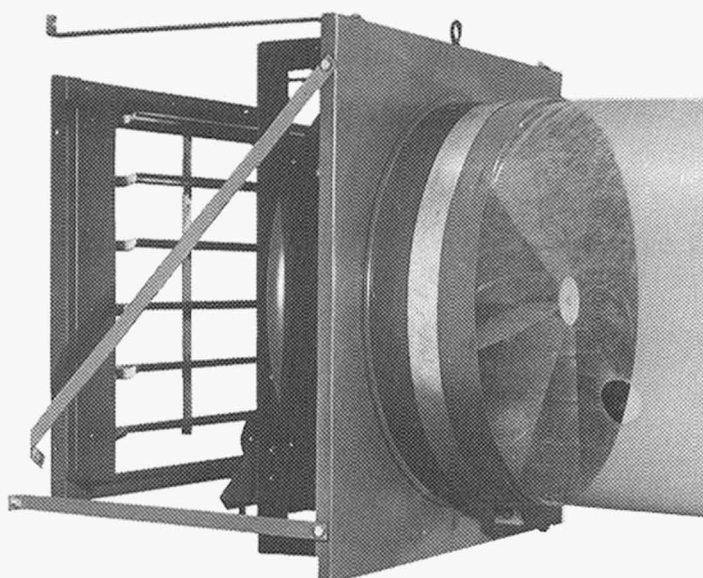

CONTROLLED ENVIRONMENT SYSTEMS



COOLAIR **POWER TUBE FAN**



Coolair

AMERICAN COOLAIR CORPORATION

FARM PRODUCTS DIVISION

MEMBER OF AMCA
AMERICAN COOLAIR CORPORATION
PHONE (904) 389-3646
BOX 2300, JACKSONVILLE, FLORIDA 32203
FAX (904) 387-3449

Coolair® POWER TUBE FAN

In controlled environments where a precise tempering of air is critical to production, American Coolair offers the Power Tube Fan.

Coolair Power Tube Fans are especially designed units developed for compatibility with polyethylene tubes. For the necessary low velocity tempering of air, these fans and tubes are perfectly matched.

Constructed of heavy gauge steel, the Coolair Power Tube Fan is offered in diameters of 12, 18, 24 and 30 inches. The 12 and 18 inch fans are direct drive units. The 24 and 30 inch fans are belt driven and incorporate the Coolair exclusive stationary shaft design from the Coolair NBF type units. Belt drive models have two sealed lifetime lubricated oversized shaft bearings. The propellers have six steel die formed blades. All Power Tube fans employ air straightener vanes for efficient air distribution. All Coolair motors are of heavy

duty type, totally enclosed, for fan operation. They employ sealed ball bearings for continuous trouble free performance.

Manufactured from polyethylene tubing, the Power Tube is custom punched to suit your particular requirements. The Power Tube is clear so as not to totally obscure vision in your facility. The new Coolair Power Tube Hangers slide easily into position on the tubing. They are easily installed by clipping each on a suspended wire. The Tube Hanger supports the tube when not in use. This feature allows for both additional unrestricted view and normal air movement as well.

The Coolair Power Tube is a methodically researched product...designed to meet the ventilation needs of the industry with traditional American Coolair quality.

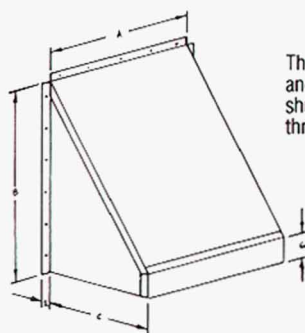
Power Tube Fan Model	Type Fan	Motor Horsepower	Fan RPM	Tube Size	System CFM	Brake Horsepower ¹	Motorized Shutter Model	Framed Opening I D Size ²
PTFA12F17	Direct Drive	1/6	1725	12"	1250	.124	LRW16E	17"
PTFA18H16	Direct Drive	1/3	1625	19"	3650	.390	LRW21E	22"
PTFB24H	Belt Drive	1/3	784	25"	4850	.431	LRW27E	28"
PTFB30J	Belt Drive	1/2	627	30"	7550	.583	LRW33E	34"
PTFB30L	Belt Drive	1	815	30"	10450	1.142	LRW33E	34"

Performance shown for PTF Fans is with Polyethylene Discharge Ducts attached.

²Framed opening inside dimension is both length and width.

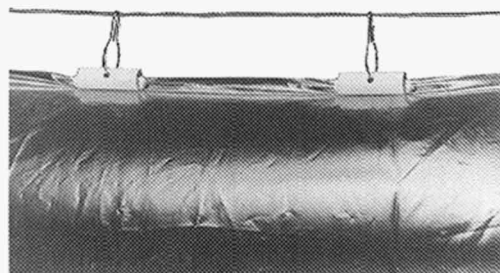
¹Brake Horsepower listed include drive losses.

For PTF12F17 Fan		For PTF18H17 Fan		For PTF24H Fan		For PTF30J Fan		For PTF30L Fan	
Model #	Tube Length	Model #	Tube Length	Model #	Tube Length	Model #	Tube Length	Model #	Tube Length
2BJS	10'-16'	8DJR	20'-24'	4DJS	30'-36'	3EKM	60'-72'	31EKJ	60'-72'
2BKK	17'-21'	8DKK	25'-31'	4DKK	37'-44'	3EKP	73'-87'	31EKL	73'-88'
2BKM	22'-27'	8DKM	32'-39'	4DKM	45'-54'	3EKR	88'-105'	31EKN	89'-107'
2BKR	28'-35'	8DKQ	40'-48'	4DKP	55'-65'	3ELL	106'-126'	31EQK	108'-130'
2AKQ	36'-45'	8DLJ	49'-58'	4DKS	66'-79'	3ELP	127'-150'	31ELJ	131'-158'
2ALK	46'-58'	8DLN	59'-70'	4DLM	80'-96'	3CKP	151'-178'	31ELN	159'-189'
2ALQ	59'-74'	8BKP	71'-85'	4BKP	97'-116'	3CKS	179'-212'	31CKQ	190'-224'
2AMK	75'-93'	8BLJ	86'-103'	4BKS	117'-138'	3CLQ	213'-250'	31CLJ	225'-268'
2AMN	94'-115'	8BLN	104'-125'	4BLL	139'-166'	3AKO	251'-296'	31CLM	269'-316'
		8BLS	126'-149'	4BLQ	167'-199'	3ALL	297'-345'	31CLQ	317'-367'
		8ALN	150'-178'	4ALL	200'-238'	3ALO	346'-380'	31FLK	368'-425'
		8ALR	179'-210'	4ALP	239'-280'	3ALQ	381'-410'	31FLN	426'-475'



The weather hood is constructed of galvanized steel and mounts on the outside of the building over the shutter to prevent drawing rain into the building through the shutter.

The tube hanger is easily installed and provides excellent support of tube throughout entire house.



WEATHER HOOD MODEL	DIMENSIONS		
	A	B	C
FRH12	18"	26"	20"
FRH18	26"	34"	28"
FRH24	33"	41"	35"
FRH30	39"	47"	41"

TUBE HANGER SET RECOMMENDED SPACING		
	FOR GREENHOUSE	FOR ANIMAL BUILDINGS
12" TUBING	8 FT.	5 FT.
18" TUBING	8 FT.	5 FT.
24" TUBING	5 FT.	4 FT.
30" TUBING	5 FT.	3 FT.

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WARNING



CAUTION
Do Not install fan with moving parts within 8 feet of floor or grade level without a guard that complies with OSHA Regulations. Do not use unless electrical wiring complies with all applicable codes. Do not wire without providing for a power source disconnect at the fan itself. Do not service except by a qualified maintenance technician and only after disconnecting the power source. Failure to observe these precautions can result in serious injury or death.

WARNING: If these ventilation products are used in agricultural structures to support life where failure of the ventilation could result in loss or injury, the user should provide an adequate back-up ventilation system and a failure alarm system. The user must accept the risk of such loss or injury from failure of the ventilation system.