



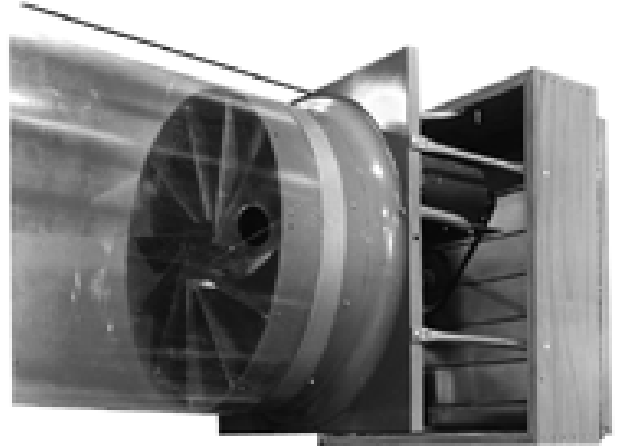
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ACME ENGINEERING & MANUFACTURING CORP. P.O. Box 978, Muskogee, OK 74402 Phone: 918/682-7791 Fax: 800/382-2263 www.acmefan.com

B253A April 2016

Fan-Jet®

Air Distribution System



Model RC or RCA

The unique Fan-Jet® is a special tube pressurizing fan with curved stationary discharge vanes (stator vanes) that recover the rotational energy of discharging air to increase performance capacity and efficiency.

LOW COST: Fan-Jet® powers more air at less horsepower for best results at low operating costs.

QUALITY: Fan-Jet® is fully assembled, test run, and inspected at factory and then shipped ready to install with brackets and fasteners.

QUIET: Fan-Jet® low sound ratings are an Acme tradition.

DIRECT DRIVE MODELS - RC 12,18; RCA 12, 18

Direct drive models are capable of variable speed control.

BELT DRIVE MODELS - RC 24, 30

Belt drive models feature no-service sealed fan shaft ball bearings captured in a unique casing to maintain proper alignment and spacing.

BUILT TOUGH: The steel model RC is available in 12", 18", 24" and 30" sizes and is rust protected with a metal wash process and a baked-on finish. Aluminum model RCA is produced from heavy gauge aluminum.

HIGH PERFORMANCE PROPELLERS:

The propellers are matched to the size, performance and construction of the Fan-Jet®. RC fan propellers are welded steel with a baked on finish. RCA fan propellers are welded heavy gauge aluminum.

ENERGY EFFICIENT:

All motors are totally enclosed, high efficiency design with shielded ball bearings and include thermal overload protection on single phase models.

FanJet® Performance Data

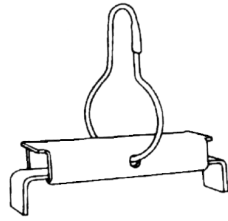
FAN-JET® MODEL	HP	RPM	TUBE SIZE	SYSTEM CFM	MOTORIZED SHUTTER MODEL*	HEAT ACCESSORY	†† HEATING CAPACITY WITH HEAT KIT BTU/HR. OUTPUT HEATER TEMPERATURE RISE OF			
							40°	50°	60°	70°
†RC12D4	1/8	1725	12"	1180/780	WAAC1818	Not Available	Not Applicable			
RCA/RC18E6	1/4	1160	18"	3120	WAAC2626	HT18	112,000	138,000	163,000	186,000
RC24F	1/3	735	24"	5420	WAAC3333	HT24	172,000	212,000	250,000	287,000
RC30G	1/2	607	30"	8550	WAAC4040	HT30	278,000	342,000	403,000	463,000
RC30J	1	757	30"	10600	WAAC4040	HT30	345,000	424,000	500,000	574,000

† RC12D4 has a 2-speed motor therefore two different system CFM's *Order MKCAM motorizing kits separately.

†† The Order rating for gas fired heaters is 80% of their input BTU ratings.

TUBE HANGER SET

Unique hanger clamps onto tubing for easy attachment to overhead support wire with snap ring.



RECOMMENDED SPACING

12" Tubing every 10 ft.
18" Tubing every 10 ft.
24" Tubing every 8 ft.
30" Tubing Every 6 ft.

Wire support kits, available in 50', 100', 150', 200', 300', 350' and 400' lengths, include six strand 10 gauge wire, turnbuckle and 2 securing clips.

***CAUTION!** This tubing, for use in greenhouses, does not contain fire retardants. Due care should be taken during installation and operation to keep away from open flame.

Polyethylene Tubing

All tubes are engineered for uniform distribution and proper mixing of air to produce the best aerodynamic effect in greenhouse structures.

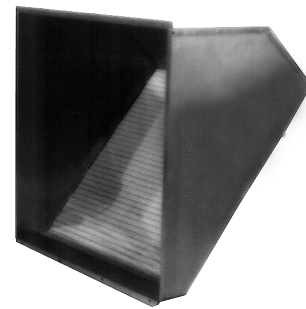
- Furnished in clear 4 mil thick, UV stabilized polyethylene material.
- Each tube is custom punched to match the selected Fan-Jet® Unit with each specific house. Since tubes are custom punched, orders already processed or shipped cannot be canceled or returned for credit.

TUBE SELECTION TABLE

12" Fan-Jet®		18" Fan-Jet® or 18" Inlet		24" Fan-Jet® or 24" Inlet		30" Fan-Jet® or 30" Inlet	
Tube Model	Tube Length	Tube Model	Tube Length	Tube Model	Tube Length	Tube Model	Tube Length
HFT	10' - 20'	HFY	18' - 20'	HKK	24' - 27'	HKT	39' - 42'
HLT	20' - 25'	HDY	20' - 22'	HJX	27' - 30'	HJT	42' - 47'
HRT	25' - 30'	HCY	22' - 25'	HHX	30' - 33'	HHT	47' - 52'
HLW	30' - 35'	HBY	25' - 27'	HFX	33' - 37'	HFT	52' - 58'
HMW	35' - 40'	HKN	27' - 30'	HDX	37' - 41'	HDT	58' - 66'
HLY	40' - 50'	HJN	30' - 33'	HCX	41' - 45'	HCT	66' - 77'
HRY	50' - 60'	HHN	33' - 36'	HBX	45' - 48'	HKS	77' - 84'
HMZ	60' - 75'	HFN	36' - 40'	HKP	48' - 53'	HJS	84' - 94'
HRZ	75' - 100'	HDN	40' - 45'	HJP	53' - 59'	HHS	94' - 104'
		HCN	45' - 50'	HHP	59' - 66'	HFS	104' - 116'
		HBN	50' - 55'	HFP	66' - 73'	HDS	116' - 129'
		HKA	55' - 61'	HDP	73' - 81'	HCS	129' - 145'
		HJA	61' - 68'	HCP	81' - 90'	HBS	145' - 163'
		HHA	68' - 76'	HBP	90' - 101'	HKU	163' - 183'
		HFA	76' - 85'	HKI	101' - 112'	HJU	183' - 206'
		HDA	85' - 96'	HJI	112' - 126'	**HHU	206' - 232'
		HCA	96' - 108'	HHI	126' - 142'	HFU	232' - 263'
		*HBA	108' - 121'	HFI	142' - 160'	*H DU	263' - 305'
		**HKE	121' - 138'	**HDI	161' - 182'	*HCU	305' - 348'
		HJE	138' - 154'	*HCI	182' - 206'	HBU	348' - 405'
		HHE	154' - 177'	HBI	206' - 233'		
		HFE	177' - 205'	HKO	233' - 269'		
				HJO	269' - 311'		
				HJO	311' - 360'		

* Maximum tube length for Fresh Air Convection Tube System.

** Maximum tube length for Fan-Jet® with Heat Kit.



Weather hoods are available to protect the shutter inlets from rain and snow. Use the RH with the Fan-Jet® configuration and the RCH with the inlet configuration.



Inlet housing kit available for 12" through 30". Fan-Jet® allows conversion from Fan-Jet® to fresh air inlet configuration.



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