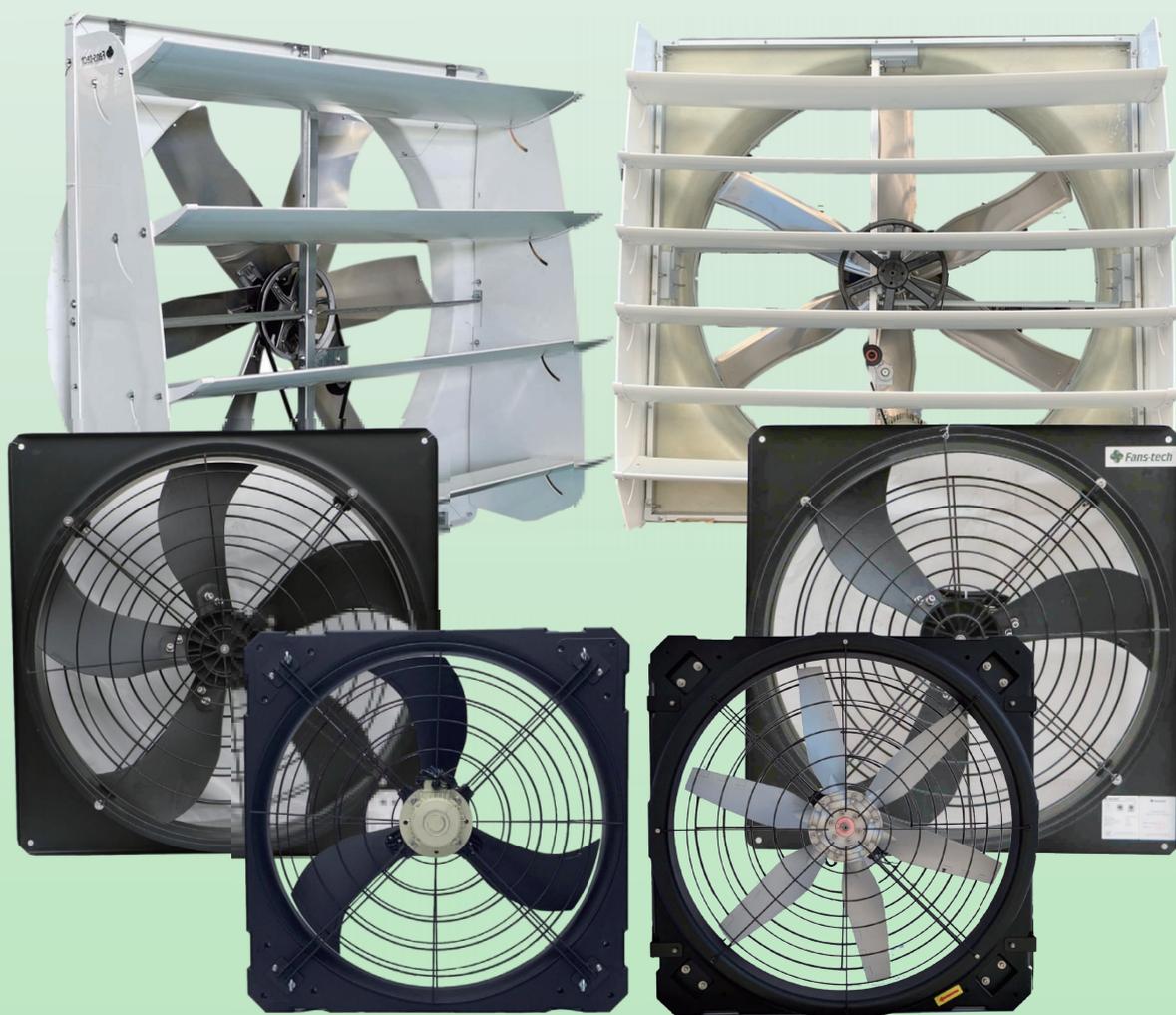


Circulation Fan Series



Features & Advantages



Fast cooling

Being optimized with fluid simulation design, high-strength aluminum alloy propeller provides large air flow with few air volume loss on both sides, which enables fast cooling and quickly air quality improving in cowsheds.



Wide airflow

Long air blow distance and wide air supply area can be simply achieved by adjusting the airfoil deflectors instead of changing the original position of the fan.



Easy to maintain

An automatic belt tensioner is adopted to extend debugging period; and the belt change is easily done without removing the propeller.



Power saving

The use of ultra-efficient motor achieves high energy efficiency ratio to reduce power consumption and costs.



Anti-corrosion

Corrosion resistance high-density fiberglass housing, with high strength and light weight.



Animal comfort

Silently supply gentle wind at low operation speed to comfort the animals.



Customized choice

Optional frequency converter to realize the stepless speed regulation of the fan.



Application

Widely used in cowsheds and stables for air circulation, cooling, and livestock beds drying; an atomizer can be fitted with to achieve the effects of humidification and suppression of dust.



YNF SERIES

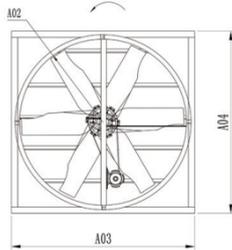
YNF55"



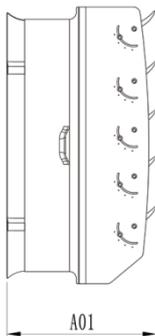
YNF72"



Rotation direction



Airflow direction



Model No.		YNF1400B2-081-00		YNF1830B2-106-00	
Diameter of blades (inch)		55"		72"	
Motor*	Voltage (V)	380	230 / 460	380	230 / 460
	Hertz (Hz)	50	60	50	60
	Phase	3	3	3	3
	*55"and 72" options include other voltages not mentioned above, 3 phase, 50Hz or 60Hz				
	Power (KW)	1.1		2.2	
Current @ 0Pa / inH2O (A)		3.1		4.6	
Performance	Airflow	(m ³ /hr.)	(cfm)	(m ³ /hr.)	(cfm)
		45000	26500	85200	50180
	Efficiency	(cmh/ Watt)	(cfm/Watt)	(cmh/ Watt)	(cfm/Watt)
		36	21.2	39.5	23.3
Features	Drive	Belt Drive			
	Propeller	6-Aluminium			
Dimension (mm)	A01	740		1100	
	A02	1400		1830	
	A03	1600		2050	
	A04	1600		2050	

Features & Advantages



Fast cooling

Being optimized with fluid simulation design, high-strength die-cast aluminum airfoil propeller provides large air flow, which enables fast cooling and quickly air quality improving in using space.



Maintenance Free

Direct driving with high transmission efficiency and simple structure, eliminates the trouble of regular belt replacement and reduces the using cost.



Low Noise

The smooth propeller shape and high dynamic balance accuracy makes tiny friction coefficient between the blade and air combined with small resonance during running, which ensures low noise and improves the living comfort for the animals.



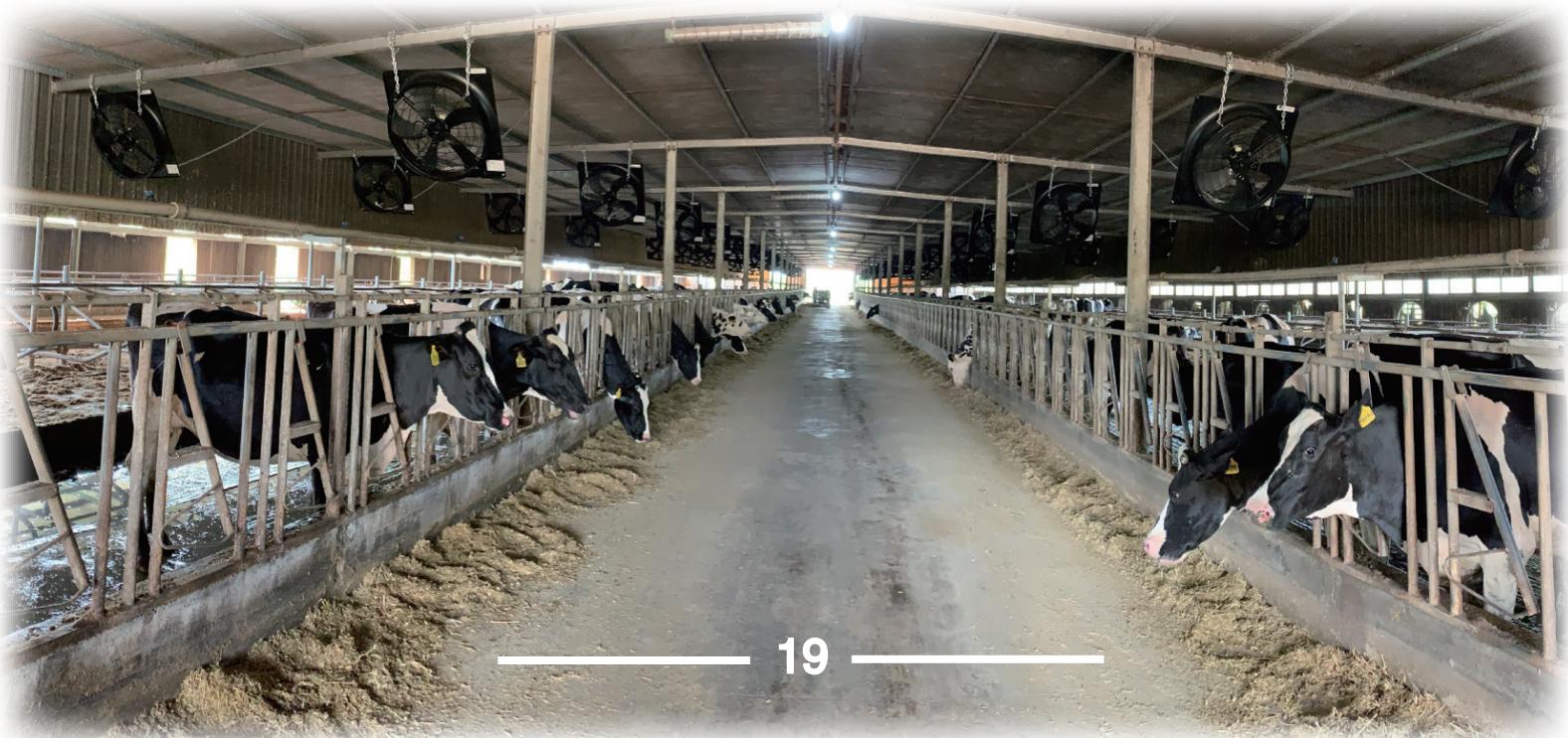
Power saving

The use of ultra-efficient motor achieves high energy efficiency ratio to reduce power consumption and costs.



Customer oriented options

Thick steel plate or polyethylene resin is optional as frame material.



YNF-II SERIES

5-Aluminum



YNF900B3-077-00
(5 blades, steel body)

3-Aluminum

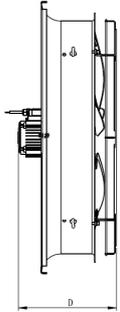
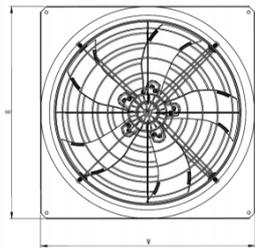


YNF900B4-077-00
(3 blades, steel body)



ADVANTAGES

- ▶ **Anti-corrosion**
The powder-sprayed steel body and protective mesh, combined with SUS304 stainless steel accessories provide excellent corrosion resistance.
- ▶ **High durability**
2.0mm thickness steel fan body with epoxy resin coating, sturdy and durable.



Model No.		YNF900B3-077-00		YNF900B4-077-00	
Diameter of blades (inch)		36"		36"	
Motor*	Voltage (V)	380		380	230 / 460 / 115 / 230
	Hertz (Hz)	50		50	60
	Phase	3		3	3 / 1
	*YNF900B4-077-00 options include other voltages not mentioned above, 1 phase or 3 phase, 50Hz or 60Hz				
	Power (KW)	0.75		0.37	
Current @ 0Pa / inH2O (A)		2.1		1.1	
Performance	Airflow	(m ³ /hr.)	(cfm)	(m ³ /hr.)	(cfm)
		24500	14430	16500	9720
	Efficiency	(cmh/ Watt)	(cfm/Watt)	(cmh/ Watt)	(cfm/Watt)
		25.8	15.2	40.2	23.7
Features	Drive	Direct Drive			
	Propeller	5-Aluminium		3-Aluminium	
Dimension (mm)	WxDxH	1070x380x1070		1070x380x1070	

YNF-III SERIES

3-Aluminum

6-Aluminum



YNF915B4-077-00
(3 blades, plastic body)

YNF915B4-081-00
(6 blades, plastic body)



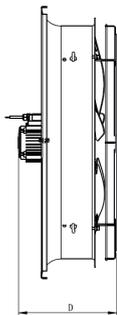
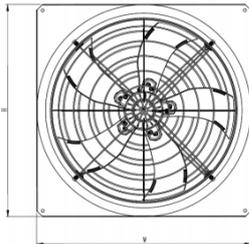
ADVANTAGES

▶ Long durability

LLDPE polyethylene resin frame, with strong tensile and tear strength resistance, particularly superior with cold and heat resistance, will never corrodes and rusts, solid and durable.

▶ Easy to install

Light weight, simple structure, easy to hold and install.



Model No.		YNF915B4-077-00		YNF915B4-081-00	
Diameter of blades (inch)		36"		36"	
Motor*	Voltage (V)	380	230 / 460	380	230 / 460
	Hertz (Hz)	50	60	50	60
	Phase	3	3	3	3
	*Both models' options include other voltages not mentioned above, 1 phase or 3 phase, 50Hz or 60Hz				
	Power (KW)	0.25		0.37	
Performance	Speed (RPM)	710		710	
	Airflow	(m ³ /hr.)	(cfm)	(m ³ /hr.)	(cfm)
		13200	7774	15200	8952
	Efficiency	(cmh/ Watt)	(cfm/Watt)	(cmh/ Watt)	(cfm/Watt)
33		19.4	25.3	15	
Features	Drive	Direct Drive			
	Propeller	3-Aluminium		6-Aluminium	
Dimension (mm)	WxDxH	1050x340x1050		1050x340x1050	