

MOBILE CENTRIFUGAL FANS



AGRIC'AIR NG®

Used in more than 20,000 agricultural sites AGRIC'AIR NG® fans are robust, reliable and economical. They provide ventilation and keep cereals, grain and seeds storage units at the right temperature.



MOBILE CENTRIFUGAL FANS - DIRECT DRIVE AGRIC'AIR NG®



NEU-JKF Fevi Sizing a fan for cooling the grain

Type of storage: Cell (selected) Flat

Grain type: BLE Specific weight (kg/m³): 750

Shape of the heap: Form 1 (selected) Form 2 Form 3

Dimensions: ØD (m), h1 (m), h2 (m), h3 (m), Silo area (m²), Volume of the heap (m³)

Air diffusion system: Optimal (selected), Poor, Average, Drainage pipes, Length of air diffusion system (m), Additional pressure drop (Pa)

Calculated flow (m³/h): 0 Total pressure drop (Pa): 0

Buttons: Print, Calculate, AGRIC'AIR selection, Other selection, Exit, Home

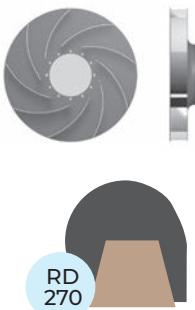
(*) : developed in collaboration with ARVALIS Institut du végétal

Calculation software for grain storage ventilation (*)

Whatever the storage type is, our software defines the input data (airflow, pressure) and the necessary fan type thanks to:

- Optimizing storage ventilation,
- Choice of storage type (cell or flat),
- Calculation of the required airflow,
- Calculation of the pressure drop based on diffusion equipment,
- Selection of the most appropriate fan(s) from the NEU-JKF Fevi range.

Technical characteristics



- Only available in orientation RD270
- Operating temperature from -20°C to +80°C
- Coating:
 - Galvanized steel for NG 1-2-3-4
 - Epoxy powder RAL 7016 for NG 5-6-7-8
- Impeller with backward-curved blades
- Motor IMB3/IP55/Insulation class F/IE3
- Balanced impeller class G6.3
- In accordance with ISO 1940
- Fan compliant with the ERP Regulations

Accessories



Performances per modèle

AGRIC'AIR®	NG 1	NG 2	NG 3	NG 4	NG 5	NG 6	NG 7	NG 8
Airflow in m³/h	5 000	7 000	9 000	10 000	12 000	15 000	18 000	20 000
Motor power in kW	2,2	4	5,5	7,5	11	15	18,5	22
Motor type	2 poles IE3	2 poles IE3	2 poles IE3	2 poles IE3	2 poles IE3	2 poles IE3	2 poles IE3	2 poles IE3
Electrical connection	230 V / 400 V	230 V / 400 V	230 V / 400 V	400 V / 690 V	400 V / 690 V	400 V / 690 V	400 V / 690 V	400 V / 690 V
Electric start	DIRECT	DIRECT	DIRECT	STAR / TRIANGLE				
Weight	50 Kg	72 Kg	100 Kg	114 Kg	190 Kg	205 Kg	252 Kg	269 Kg