

# KOOL-IT



LOW COST "AIR-STACK"

COOLING AND CONDITIONING

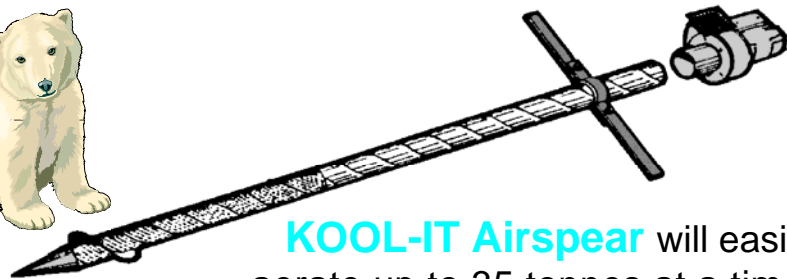
FOR "QUALITY ASSURED" CROPS

**LOUVRED BASE FOR BETTER AIRFLOW**  
**For all crops including small seeds**

*(Hessian cover not required)*

Effective "Low Cost" system to improve the cooling & conditioning of crops in bulk stores.

GALVANISED					
Grain Depth	Stack Nom Height	Stack Max Centres	Tonnes per Stack	Fan Unit Model	Stack Model
8ft	8'10"	16'0"	40	CB7	250/150
10ft	11'6"	20'0"	90	CB8	250/150
12ft	14'9"	24'0"	150	CB8	250/150
14ft	16'6"	28'0"	240	CB9	250/200



**KOOL-IT Airspear** will easily aerate up to 35 tonnes at a time.

**GRAIN CARE IS OUR BUSINESS**

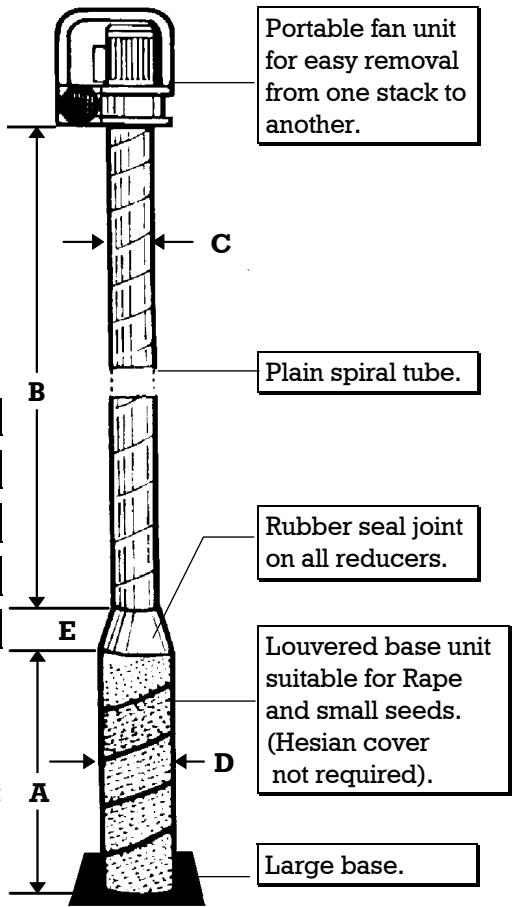
# KOOL-IT EQUIPMENT (GALVANISED)

# AIR-STACK

Grain Depth	Stack nom height	Stack max. centres	Tonnes per stack	Stack model	Fan unit model	Fan cfm @ 2"	Fan cfm @ 3"
8'0"	8'10"	16'0"	40	250/150	CB7	300	-
10'0"	11'6"	20'0"	90	250/150	CB8	700	600
12'0"	14'9"	24'0"	150	250/150	CB8	700	600
14'0"	16'6"	28'0"	240	250/200	CB9	1400	1250

Model	A	B	C	D	E
250/150 (8 ft - 2.7m nom)	900	1500	150	200	300
250/150 (10 ft - 3.2m nom)	1200	2000	150	250	300
250/150 (12 ft - 4.2m nom)	1200	3000	150	250	300
250/200 (14 ft - 4.7m nom)	1200	3500	200	250	300

1. Above details assume level fill grain storage depth and m.c. of 15%.
2. Maximum distance of Air-Stack from building wall should be approximate grain depth
3. Fans recommended are based on normal ventilation rates, if faster cooling required (i.e. grain from high temperature drier) use a larger Air-Stack and fan unit or closer formation.
4. Number of fan units required is dependant on daily filling capacity of store.

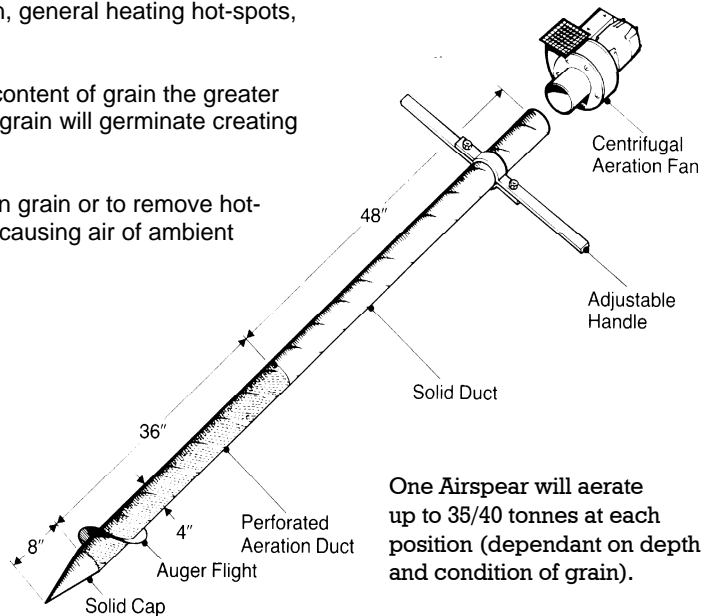
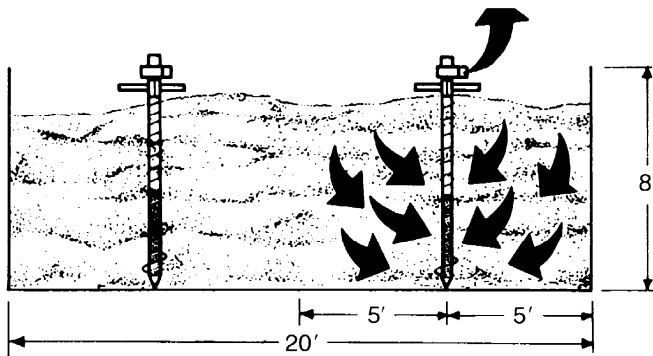


# AIRSPEAR

Airspear is designed to control moisture migration, condensation, general heating hot-spots, moulding and insect infestation in stored grain.

Grain stored in bulk will generate heat, the higher the moisture content of grain the greater the problem. Above a temperature of 15°C mould spores on the grain will germinate creating hot-spots.

Airspear can be used to prevent the generation of temperature in grain or to remove hot-spots which occur, the Airspear sucks the hot air from the grain causing air of ambient temperature to enter the grain.



BDC Systems Ltd reserves the right to change specifications without notice. Further advice and information for specific requirements available on request.

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