



ERSTA

VENTILATORS ERSTA FRESH

If it is too hot or too cold, it can have a huge impact on the cow

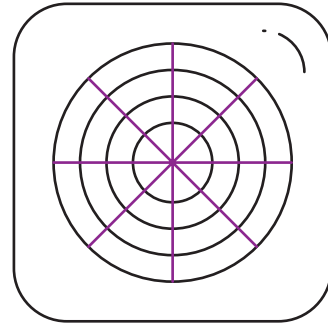
No lost wind

No heat stress

No unnecessary high energy costs

ERSTA VENTILATORS ERSTA FRESH

Cows are top athletes; to perform, a good barn climate is essential. If it is too hot or too cold, it can have a huge impact on the cow.

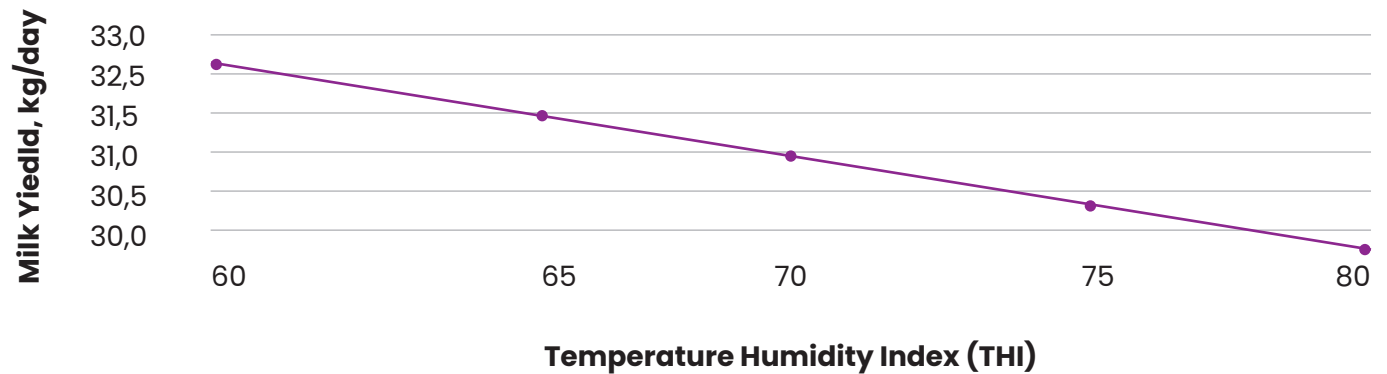


No more lost wind, no more heat stress and, above all, no more unnecessary high costs. How do we think this should be done? Start cooling your cows! With ERSTA ventilation systems you cool your cows efficiently and nothing is lost.

After 17 hours of exposure to an average THI of 68, equated to a 2 kg per day loss in milk yield.

Dairy cows producing more than 35 kg/day need additional cooling when the minimum THI is 65 or greater, or when average is 68 for more than 17 hours/day.

EFFECTS OF HEAT STRESS



FINANCIAL IMPACTS OF LATE-GESTATION HEAT STRESS ON COW AND OFFSPRING LIFETIME PERFORMANCE

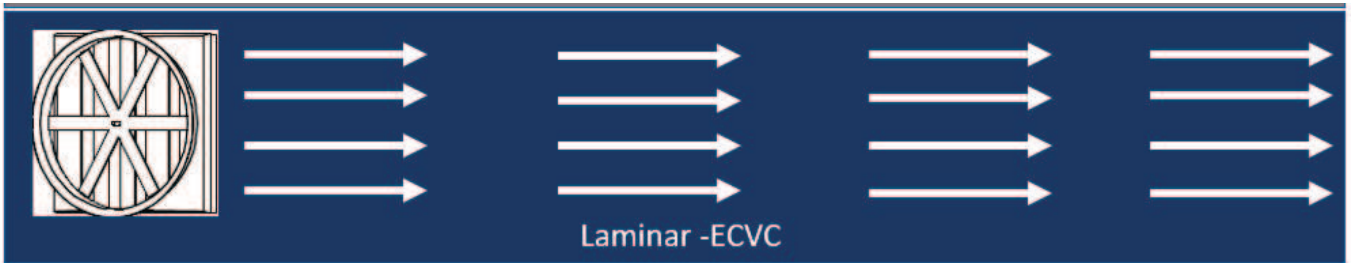
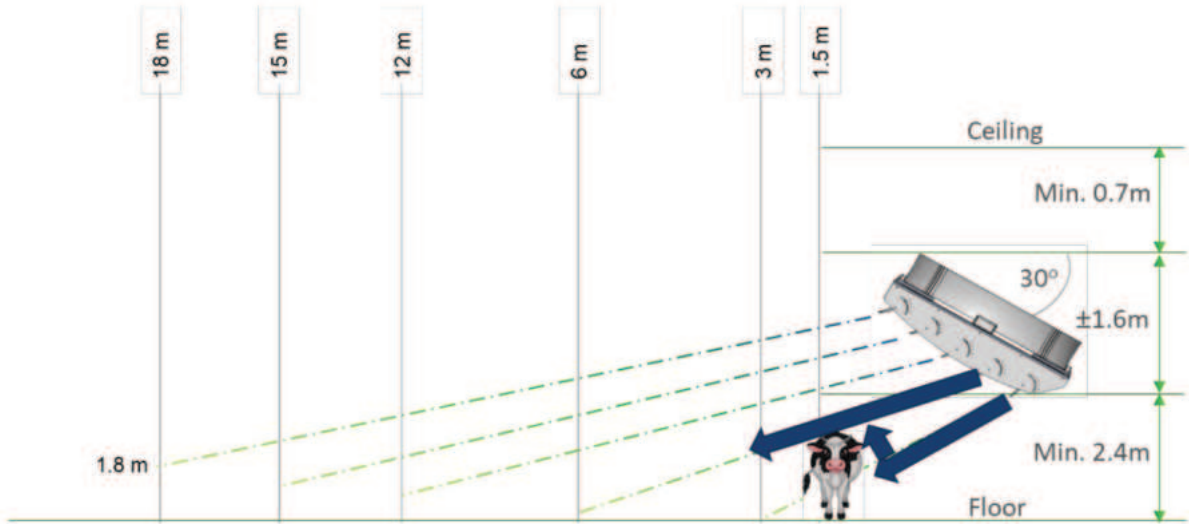
Generational Impact

FINANCIAL IMPACTS OF LATE-GESTATION HEAT STRESS ON COW AND OFFSPRING LIFETIME PERFORMANCE
 L. T. Casarotto, J. Laporta, and G. E. Dahl

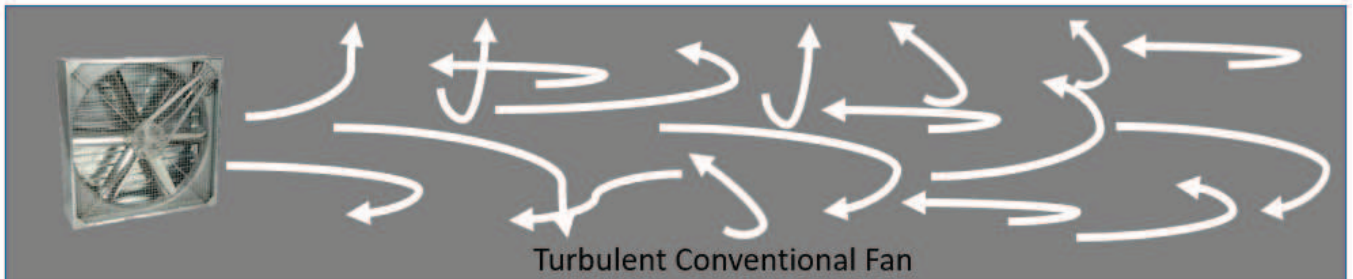




VENTILATORS ERSTA FRESH

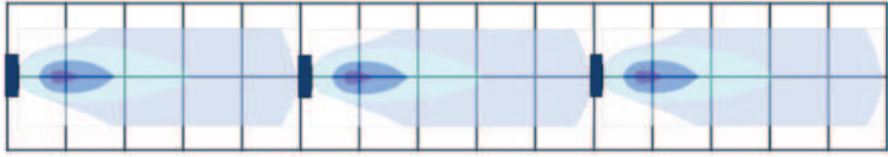


STANDARD FANS

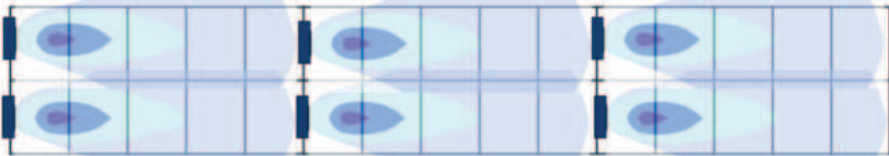




= 2.2 kw



= 3.3 kw

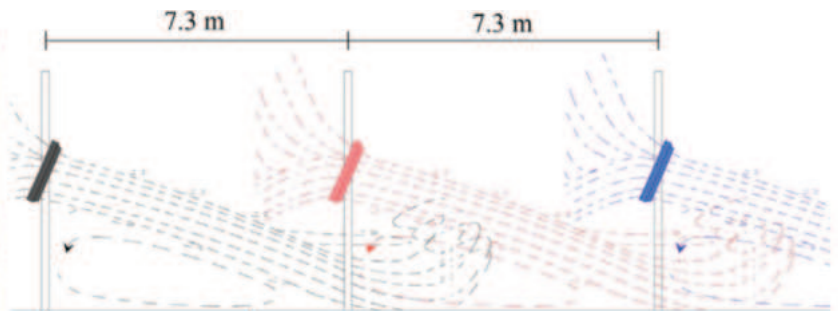


= 6.6 kw

HOW VENTILATORS ERSTA WORK?



~6 m before the air reaches the floor
~15 m the jet loses momentum



~6 m before the air reaches the floor
~15 m the jet loses momentum
~6 m



Technical data

Model	Diameter (cm)	Frame (cm)	Capacity (m ³ /h)	Coverage (m)	Motor	Motor Type	Motor Efficiency	Energy Efficiency (m ³ /h per Watt)	Number of Louvres
Belt Drive									
ERSTA Fresh 1	142 (55")	160 x 160	45,023	12 x 4	1.1 kW 230/400V CE	AC	IE3	40	4
ERSTA Fresh 2	186 (71")	200 x 200	82,990	18 x 6	2.2 kW 230/400V CE	AC	IE3	39	5
Direct Drive									
ERSTA Fresh 3	91 (36")	114 x 112	24,489	9 x 2	0.55 kW 230V CE	EC	IE5	44	3
ERSTA Fresh 4	142 (55")	160 x 160	42,000	12 x 4	0.92 kW 400V CE	EC	IE4	44	4
ERSTA Fresh 5	186 (72")	200 x 200	75,800	18 x 6	1.8 kW 400V CE	AC	IE5	42	5



We will be happy to answer any questions you may have. Give us a call or send us an email.

ERSTA s.r.o.

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