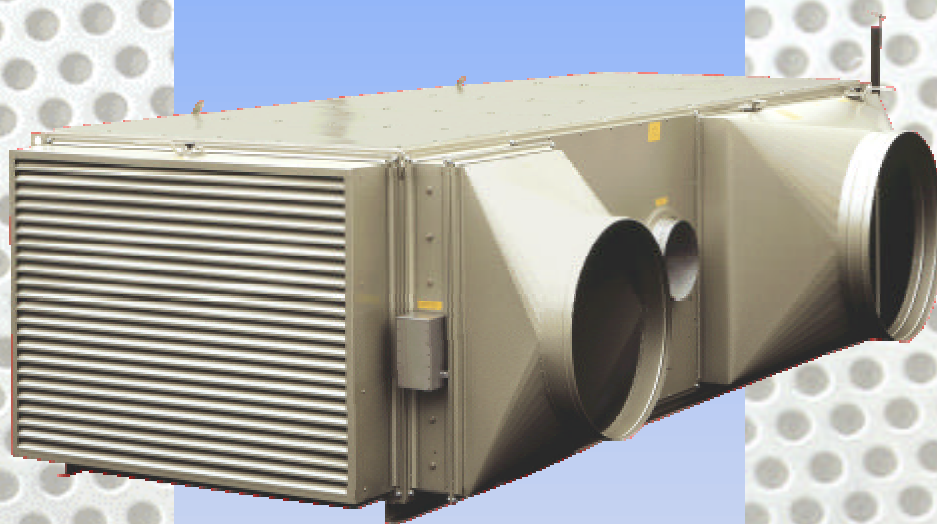




Inflation Technique,
Accessories and
Entrance Elements
for
Air Domes



Temperature made-to-measure

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Air domes are used for national and international events, sports facilities and industrial purposes. The technical equipment is adapted individually to each project and customers' requirements.

Compact blowing unit consisting of:

- Main blower (heating and air pressure)
- stand-by unit



SERIES K: Compact blowing unit for oil or gas burner								
T e c h n i c a l D a t a								
Type		K-140/D	K-180/D	K-250/D	K-300/D	K-350/D	K-480/D	K-580/D
Nominal heat loading	kW	168	233	323	388	452	620	750
Nominal heating capacity	kW	140	210	291	349	407	558	675
Current air volume main blower	m ³ /h	10.400	14.400	20.000	24.000	26.000	35.000	44.500
Current air volume stand-by unit	m ³ /h	10.000	12.000	14.000	16.000	20.000	25.000	30.000
Ext. Pressure	Pa	300	300	300	300	300	300	300
Motor capacity	kW	4,0	5,5	7,5	11,0	2 x 5,5	2 x 7,5	2 x 11,0
Length, incl. air intake grid	mm	4.300	4.700	4.700	4.700	5.900	5.900	5.900
Width, without supply air / return air connection piece	mm	1.290	1.670	1.670	1.670	2.300	2.300	2.300
Height	mm	1.150	1.380	1.380	1.380	1.840	1.840	1.840
∅ Supply air	mm	800	1.000	1.000	1.000	1.200	1.200	1.200
∅ Return air	mm	600	800	800	800	1.000	1.000	1.000
∅ Waste gas	mm	250	300	350	350	450	450	550
Weight, without burner	kg	1.400	1.800	1.800	1.900	3.200	3.500	3.700

Subject to technical changes and dimensions. (Version: 2005-09 PE_K)

NOLTING – Inflation Technique for Air Domes

- Inflation unit as warm air heater for the heating media oil / gas / electricity / warm water and steam.
- Inflation unit as cooling units for the cooling media cold water and refrigerating agent
- Inflation unit as cold air blower, driven by electric or diesel engine (stand-by unit).
- Also available in engine room cubicles as weatherproof housing.

NOLTING – Additional Control Systems for Air Domes

- Automatic control systems for operating safety, such as hall pressure dependant control, wind dependant control, snow dependant control, alarms.

NOLTING - Entrance Elements for Air Domes

- Emergency doors, revolving doors – also as combination models – passenger locks, forklift locks, truck locks with or without electric door drive.



Passenger lock



Revolving door
- fully glazed -



Emergency door
with panic bar