

DA 65-600 chill unit

Technical Info



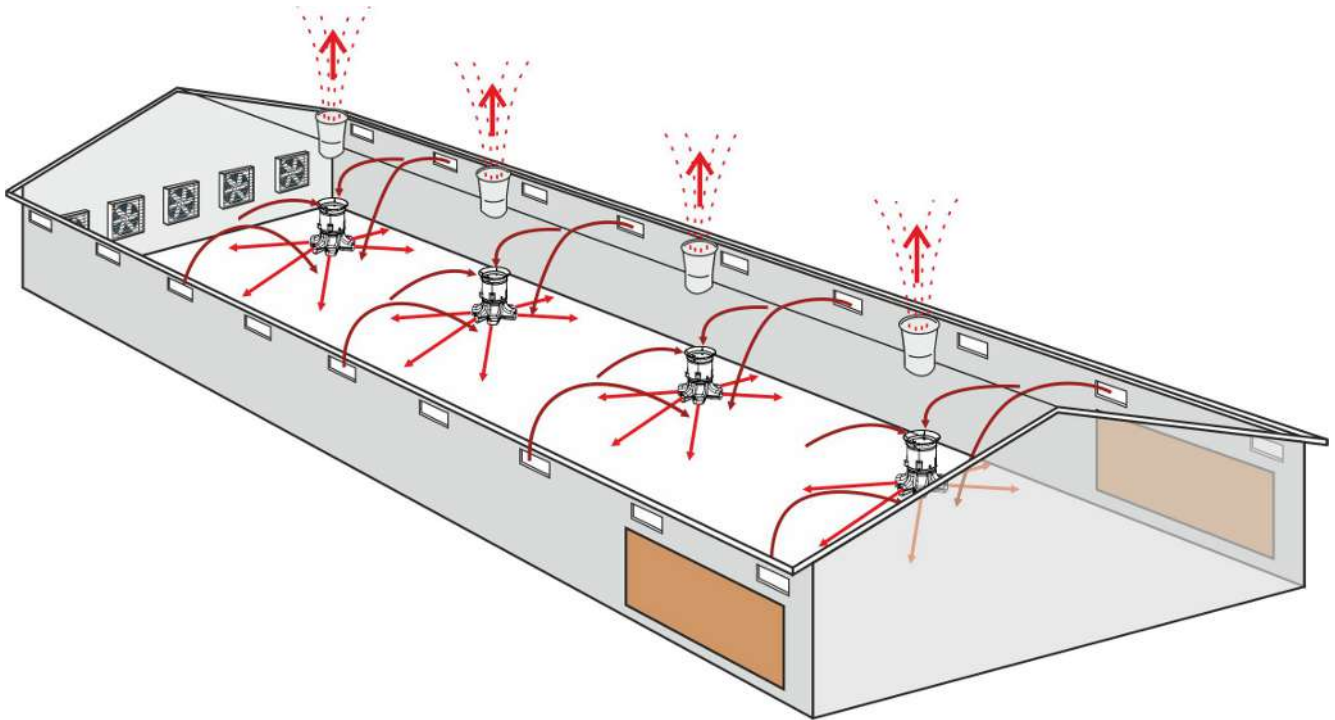
1 Product description

The DA 65-600 chill unit is used to increase air velocity in side mode in a LPV or a Combi-Tunnel system.

The DA 65-600 chill unit is used at high outside temperatures when the animals need to be cooled by the cooling effect of the air speed. The 65-600 chill unit provides an increased air speed in the animal zone and a better distribution of the air in the entire house.

The DA 65-600 chill unit is specially designed for the harsh house environment. This applies to both climatic and electrical influences.

DA 65-600 can be raised by means of a cable winch to ease the cleaning of the house.

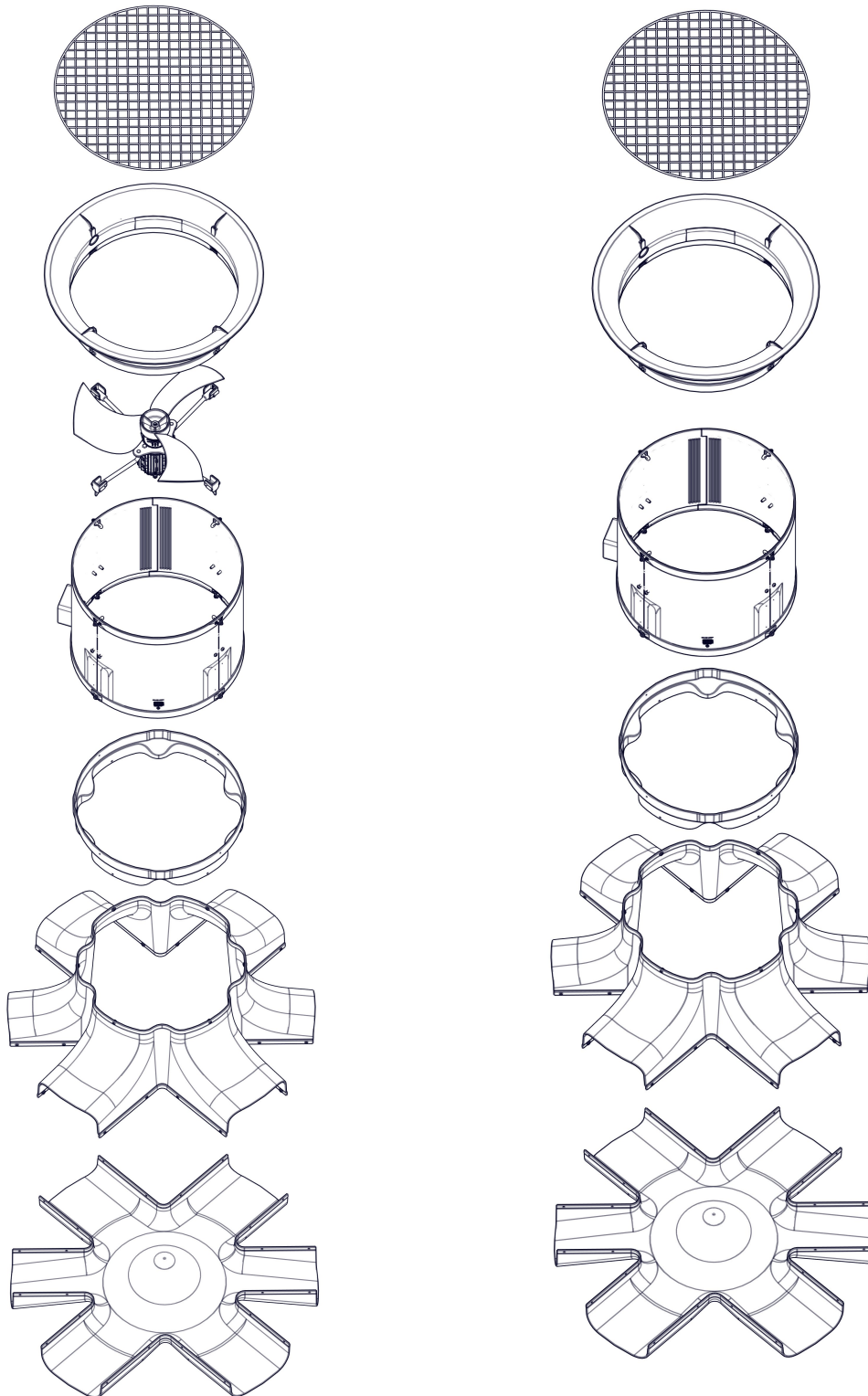


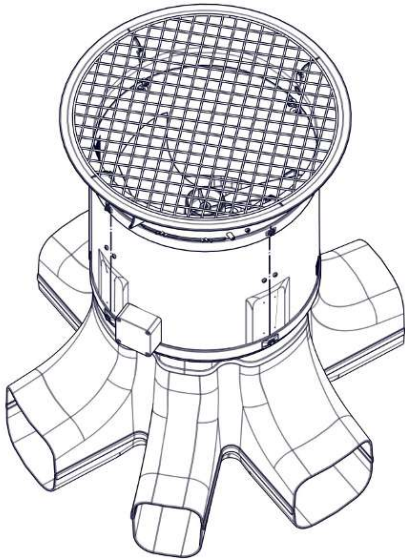
2 Product survey

445934 DA 65-600 Chill unit 230 V 50 Hz KD

445936 DA 65-600 chill unit wo/fan KD

445935 DA 65-600 Chill unit 230 V 60 Hz KD





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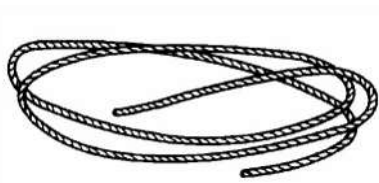
Can in combination with Soft Chill feature software be used in houses as wide as 18 m.

Is supplied with mounting parts and wires.

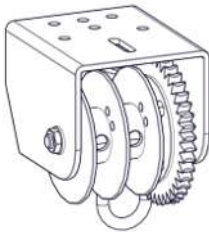
DA 65-600 can be controlled via an external DOL 31 speed controller.

KD = Knock down, chill head adapter part, top and bottom parts are assembled using blind rivets.

2.1 Accessories



413106 Steel wire 4.0 mm 7x19 A4



413206 Cable winch 340 kg

A cable winch can raise/lower up to eight DA 65-600 Chill Units.



413207 Operation rod for cable winch 340 kg

3 Technical data

3.1 DA 65-600 plastic parts

		Plastic parts
Mechanical		
Material, duct / inlet		PPC
Colour, duct / inlet		RAL 7035
Material, Chill Unit head		PPC
Colour, Chill Unit head		RAL 9005
Hole diameter	mm	636
Environment		
Temperature, operation	°C (°F)	-40 to +40 (-40 to +104)
Storage temperature	°C (°F)	-40 to +70 (-40 to +148) – and protected against direct sunlight.
Relative humidity, operation	% RH	0-95

3.2 DA 65-600 fan

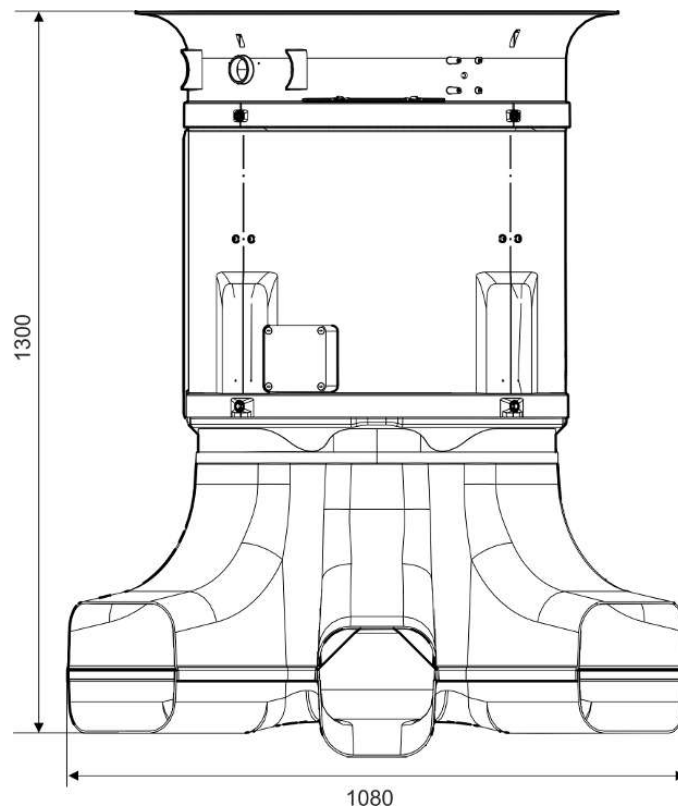
		Fan
Electrical		
Rated voltage	V AC	230
Frequency	Hz	50 / 60
Max. ballast fuse	A	16
Max. current consumption	A	2
Number of Chill Units per DOL 31		DOL 31 6.8 A= 2 pcs. DOL 31 16 A= 5 pcs.
Max. shaft power	W	250
Regulation ability		Adjustable
Protective motor switch	A	1.6 – 2.5
Mechanical		
Cable length	m	0.6
Min. duct diameter	mm	636
The diameter of the fan blade	mm	625
Number of fan blades	pcs.	3
Fan blade pitch	°	Peripheral 25 Nav 45
Fan performance at 100%		
Revolutions (rated current)	per minute	920
Power consumption at 0 Pa	W	422
Specific output at 0 Pa	m ³ /kWh	22,100
Specific energy at 0 Pa	Watt/1000 m ³ /h	45
Testing body		SKOV A/S

		Fan
Environment		
Temperature, operation	°C (°F)	- 40 to +40 (- 40 to 104)
Start temperature	°C (°F)	- 40 to +50 (- 40 to 122)
Storage temperature	°C (°F)	- 40 to +70 (- 40 to 158)
Ambient humidity, operation	% RH	10-95
Protection class	IP	55

3.3 DA 65-600 chill unit

		Chill Unit
Shipping		
Dimensions (H x W x D)	mm	1300 x 1200 x 1200
Weight Chill Unit	g	34,000
Weight cable winch	g	5,000
Shipping weight	g	39,000

3.4 Dimensioned sketch



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