



**DTI\_DTS 6801 εCOOL  
COOLING UNITS 4000 W**

# DTI/DTS 6801

## ECOOL COOLING UNITS 4000 W

**DTI:** for partially recessed mounting of the cooling unit in the door or side

**DTS:** for outer mounting of the cooling unit on the door or side

- top EER (energy efficiency ratio)
- energy efficient: reduced CO<sub>2</sub> emissions = environment-friendly
- condenser with large fin spacing for highly effective protection in strongly contaminated ambient air
- large distance between intake and exhaust vents, safe circulation within the electrical enclosure due to long passage of air, therefore hot spots are eliminated
- exceptional serviceability
- service port for easy retrieval of parameter settings/history (Pfannenberg ECOOL-Plant software necessary)
- optional filter (easy to retrofit – toolless)
- energy-saving mode by default integrated into the Multi Controller
- DTI – extremely fast and toolless installation of unit



PRODUCT		DTI 6801	DTS 6801	
ARTICLE NO.	DTI, SC	13896812055	13886812055	Unit
ARTICLE NO.	DTI, MC	13896822055	13886822055	
ARTICLE NO.	V2A, SC	13896812015	13886812015	
ARTICLE NO.	V2A, MC	13896822015	13886822015	

**DATA**

Rated voltage <sup>1</sup> ±10 %		AC 50   60		Hz
		400   460 3~		V
Cooling capacity according to EN 14511	A35/A35	4000		W
	A35/A50	3050		
Power consumption	A35/A35	1918   2369		A
Current consumption	A35/A35	4.5   4.6		
Starting current	A35/A35	28.3		
Energy efficiency ratio $\epsilon_{ke} = \frac{Q_p}{P}$ COP		2.09		
Unimpeded airflow (free flow)	internal	1450		m <sup>3</sup> /h
	external	1450		
Pre fuse T		16		A
Type of connection		spring-type terminal included with plug		
Noise level according to EN ISO 3741		< 70		dB (A)
Weight (without packaging)		91	95	kg
Ambient temperature		+15 ... +55   + 59 ... + 131		
Control range (adjustable)	SC	+ 25 ... + 45   + 77 ... + 113; factory setting + 35   + 95		°C   °F
	MC	+ 25 ... + 50   + 77 ... + 122; factory setting + 35   + 95		
Refrigerant	R134a	2000		g
Condensate management		integrated condensate evaporation system with safety overflow		
Protection system according to EN 60529	IP 54	towards the electrical enclosure if used as intended by the manufacturer		
	IP 34	towards the surroundings if used as intended by the manufacturer		
Design	housing	galvanised sheet steel		
	cover	electrostatically powder coated (200 °C) or stainless steel		
Colour		RAL 7035   different colours available on request or stainless steel		

<sup>1</sup> Suitable for various supply voltages (see technical data sheet).

For additional information to ensure the accurate setting of the motor protection switch, please see technical specific data sheet.

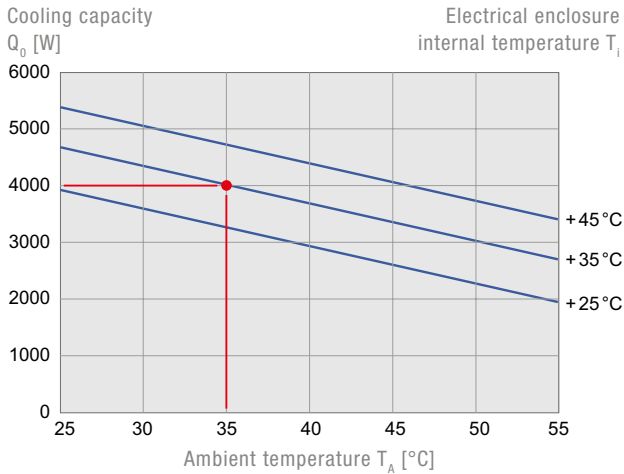
This information is included with the delivery of the unit or can be found at [www.pfannenberg.com](http://www.pfannenberg.com).

ACCESSORIES	Piece	ARTICLE NUMBER
Filter adapter	1	18310000151
Aluminium filter	1	18300000149
Vlies filter	5	18300000147
Fluted filter	5	18300000148

For additional models, options and voltages visit [www.pfannenber.com](http://www.pfannenber.com) or contact us directly.



### Cooling capacity performance curves



### Dimensions

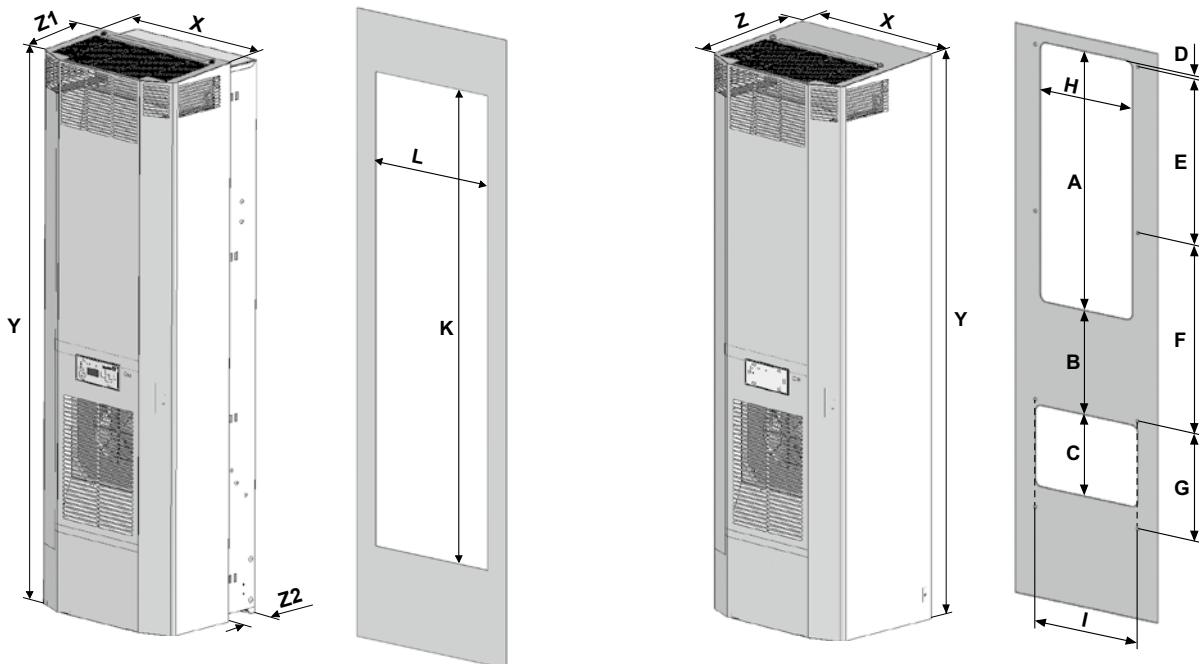
DTI	X	Y	Z1	Z2	K	L
mm	485	1539	252	120	1510	450

DTI variants partially recessed by 120 mm after installation

DTS	X	Y	Z	A	B	C	D	E	F	G	H	I
mm	485	1549	372	700	282	220	10	450	510	290	315	350

Mounting holes  $\varnothing$  8 mm and cut-out radii R20

DTI 6801	DTS 6801
----------	----------





+44 (0)121 544 6808

| [info@cnet-is.co.uk](mailto:info@cnet-is.co.uk)

**C-NET Industrial Solutions  
Limited**

Suite 12, Sandwell Business Centre  
Oldbury Road  
Smethwick  
B66 1NN  
United Kingdom