

# ECOOL Cooling units 4000 W

## DTI/DTS 6801



**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
- new USB port for easy retrieval of parameter settings/history (Pfannenberg ECOOL-Plant software necessary)
- optional filter (easy to retrofit)
- energy-saving mode by default integrated into the Multi Controller

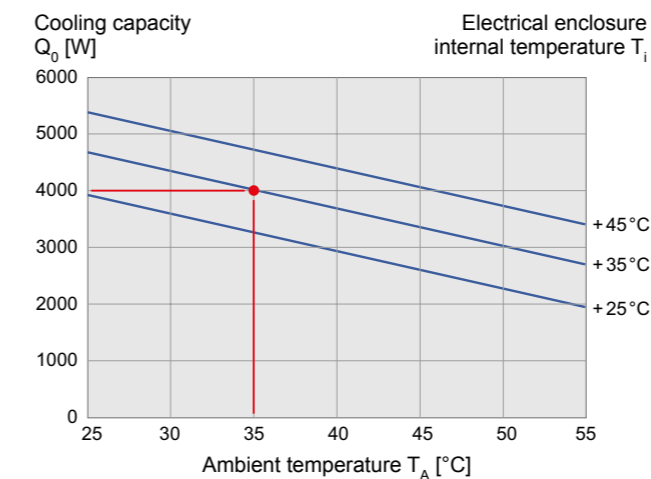
Data	DTI 6801	DTS 6801	Unit
Article number	Standard Controller	13896812055	13886812055
	Multi Controller	13896822055	13886822055
	V2A, Standard Controller	13896812015	13886812015
	V2A, Multi Controller	13896822015	13886822015
Rated voltage <sup>1</sup> ± 10%	AC 50 / 60		Hz
	400 / 460 3~		V
Cooling performance according to EN 14511	L35/L35	4,000	W
	L35/L50	3,050	
Power consumption	L35/L35	1,918 / 2,369	A
Current consumption	L35/L35	4.5 / 4.6	
Starting current	L35/L35	28.3	
Energy efficiency ratio $\epsilon_{kb} = \frac{Q_c}{P}$ → COP		2.09	
Unimpeded airflow (free flow)	internal	1,450	m <sup>3</sup> /h
	external	1,450	
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 range	+ 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	2,000	g
Condensate management	integrated condensate evaporation system with safety overflow		
Protection system according to EN 60529	IP54	towards the electrical enclosure if used as intended by the manufacturer	
	IP34	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		
Accessories	Piece	Article number	Information on page
Filter adapter	1	18310000151	85
Aluminium filter	1	18300000149	85
Vlies filter	5	18300000147	85
Fluted filter	5	18300000148	85

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

Approvals see page 32. 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).

## Cooling capacity performance curves

DTI/DTS 6801



## 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

