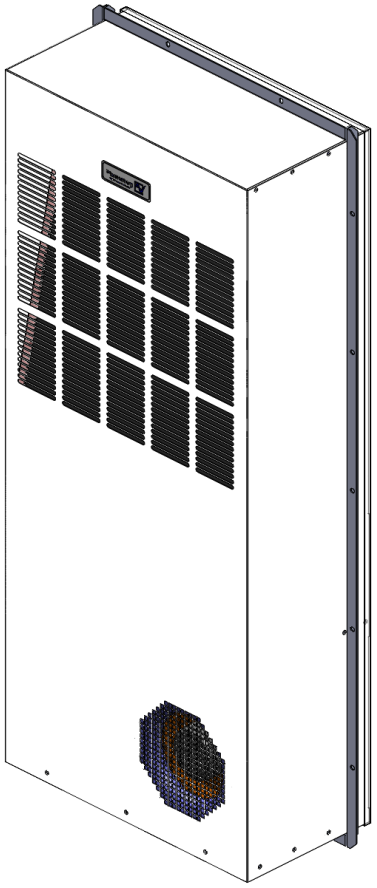
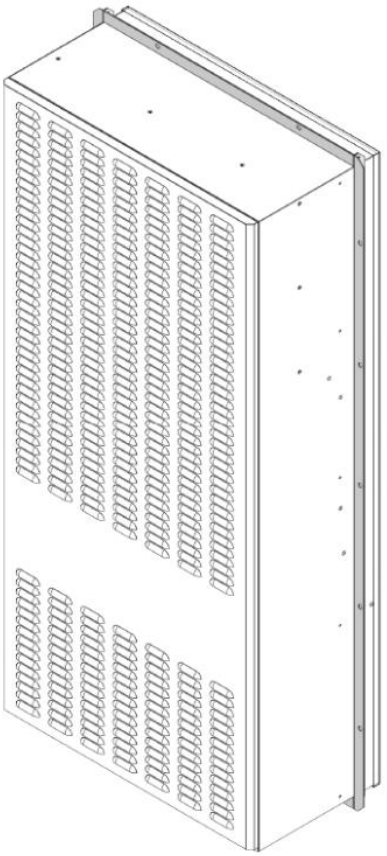
For Outdoor Application Cooling units

DTI 8000P Series

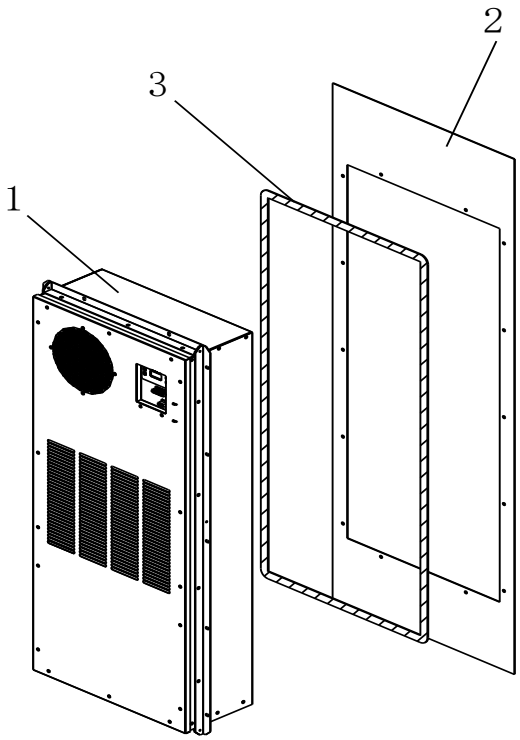
Technical Datasheet





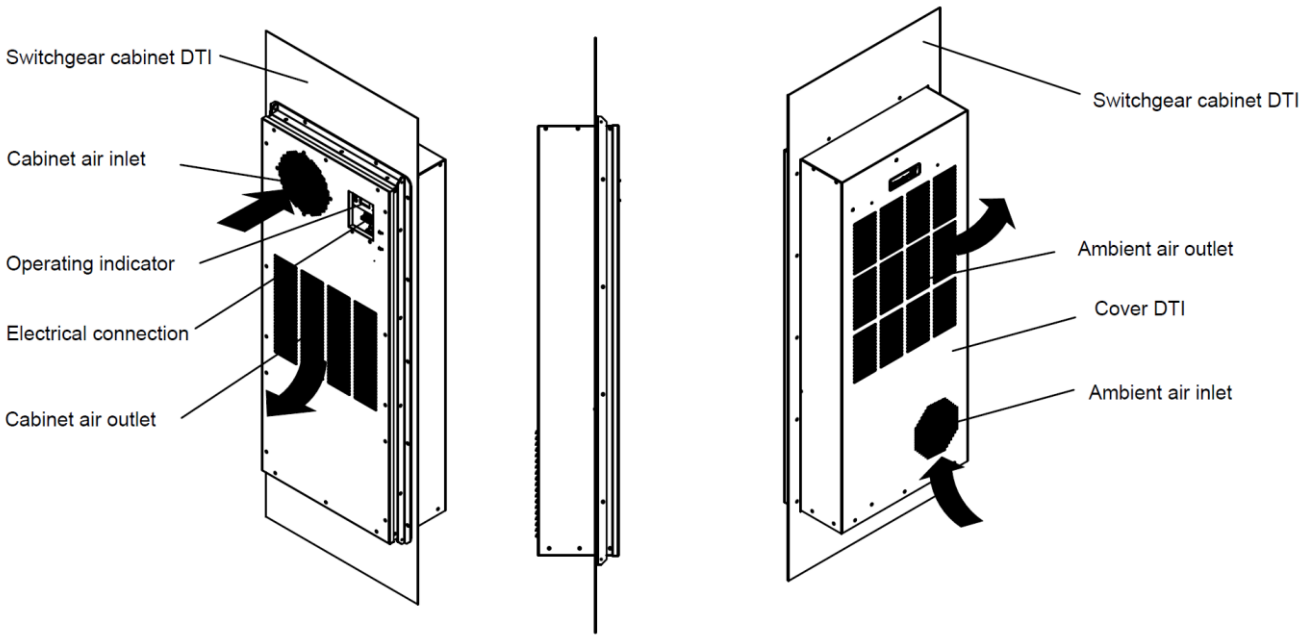
Pfannenberg
ELECTRO-TECHNOLOGY FOR INDUSTRY

Effect view of the sealing



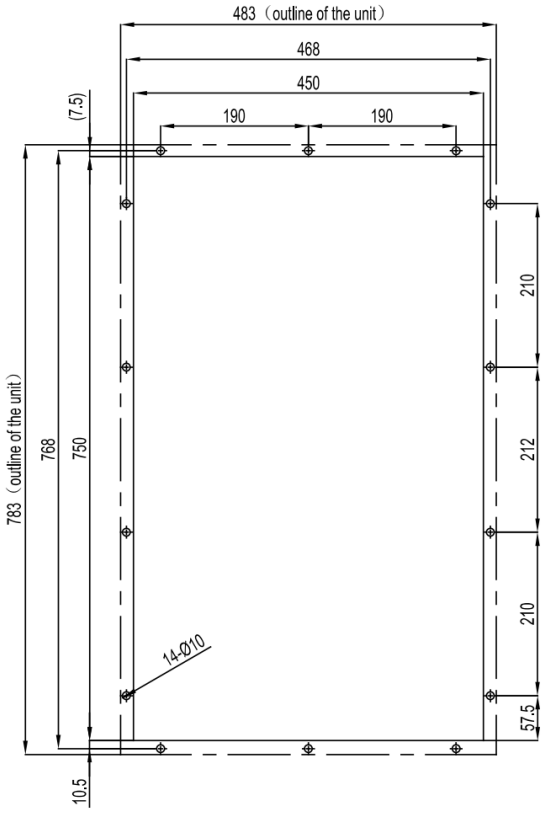
1. Cooling unit
2. Door or side panel of cabinet
3. Sealing

Airflow principle

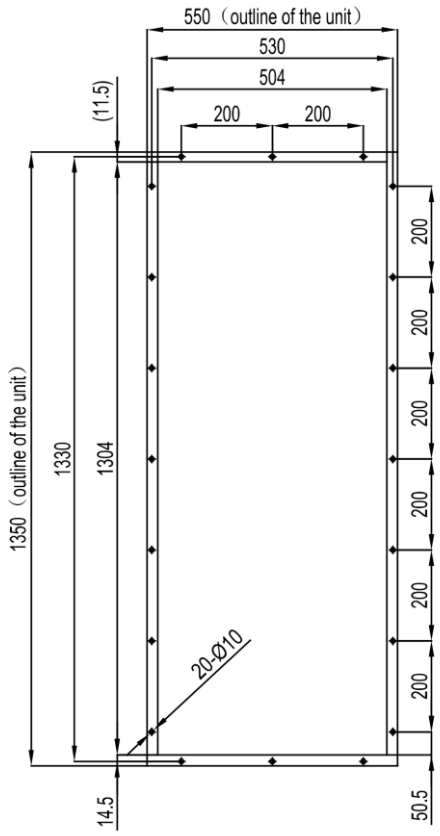


Drilling template

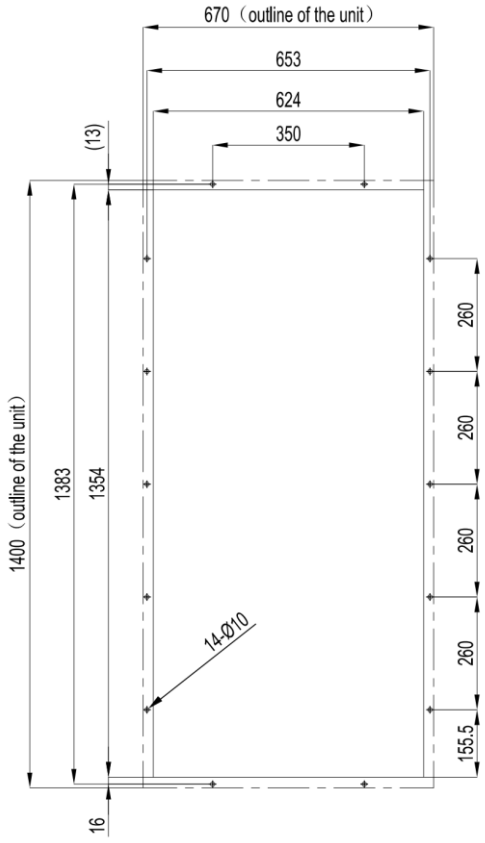
DTI 1000W/1500W/2000W



DTI 3000W



DTI 4000W/5000W



Technical Data

Cooling data		**DTI 8201P**
Cooling capacity at A35/A35 *	Q_0	1000/1100 W
Cooling capacity at A50/A35 *	Q_0	835/920 W
Refrigerant type *		R 513a
Refrigerant amount *		350 g
Internal setting temerature (factory setting)		+33°C (+91.4°F)
High temperature alarm (factory setting)		> +45°C (+113°F)
Ambient air temperature		-40°C (-40°F) . . . +55°C (+131°F)
Internal temperature control range		+20°C (+68°F) . . . +45°C (+113°F)
Air volume, external circulation °)		1010 m³/h
Air volume, internal circulation °)		510 m³/h
Condensation discharge		Condensate discharge pipe
Electrical data		
Rated voltage		230 V
Mains frequency		AC 50/60Hz
Operating range		DIN IEC 60038
Power consumption *(A35/A35) :	P_{el}	658/796W
Current consumption *	$I_{nom\ max}$	4,65/ 5,12 A
Starting current *	$I_{Start\ max}$	13,8 A
Heater power	P_{el}	1000W @ 0°C
Dimensions		
With flange：Height X Width X Depth °°)		783 X 483 X 200 (mm)
Without flange：Height X Width X Depth °°)		745 X 445 X 200 (mm)
Without flange ,With protective cover °°)		745 X 445 X 230 (mm)
Depth installation °°)		ca.64 mm
Weight		26 kg
Weight（With protective cover）		27 kg
Installation attitude		Vertical
Unit construction		Standard: Steel Option: Stainless
Corrosion protection		Standard: Galvanized, electrostatically powder coated (200°C) Option: Stainless, Aluminium
Protection system according to EN 60529		IP55 against the enclosure, under correct operating conditions. IP34 against the environment, under correct operating conditions.

* ID Plate Information
°) Free-blowing
°°) Need additional electrical terminal space 40mm



Read this manual completely and carefully before installing the unit. This manual is an integral part of the scope of delivery and must be kept until the unit is disposed of.



Prior to mounting, ensure that the clearance of the units to each other and to the wall is at least 200mm; air inlet and outlet are not obstructed on the inside of the enclosure.

DTI 8000P

Cooling data		**DTI 8301P**
Cooling capacity at A35/A35 *	Q_0	1500/1650 W
Cooling capacity at A50/A35 *	Q_0	1040/1150 W
Refrigerant type *		R 513a
Refrigerant amount *		350 g
Internal setting temerature (factory setting)		+33°C (+91.4°F)
High temperature alarm (factory setting)		> +45°C (+113°F)
Ambient air temperature		-40°C (-40°F) . . . +55°C (+131°F)
Internal temperature control range		+20°C (+68°F) . . . +45°C (+113°F)
Air volume, external circulation °)		1010 m³/h
Air volume, internal circulation °)		1010 m³/h
Condensation discharge		Condensate discharge pipe
Electrical data		
Rated voltage		230 V
Mains frequency		AC 50/60Hz
Operating range		DIN IEC 60038
Power consumption *(A35/A35) :	P_{el}	715/865W
Current consumption *	$I_{nom\ max}$	4,9/ 5,3 A
Starting current *	$I_{Start\ max}$	14,5 A
Heater power	P_{el}	1000W @ 0°C
Dimensions		
With flange：Height X Width X Depth °°)		783 X 483 X 200 (mm)
Without flange：Height X Width X Depth °°)		745 X 445 X 200 (mm)
Without flange , With protective cover °°)		745 X 445 X 230 (mm)
Depth installation °°)		ca.64 mm
Weight		27 kg
Weight（With protective cover）		28 kg
Installation attitude		Vertical
Unit construction		Standard: Steel Option: Stainless
Corrosion protection		Standard: Galvanized, electrostatically powder coated (200°C) Option: Stainless, Aluminium
Protection system according to EN 60529		IP55 against the enclosure, under correct operating conditions. IP34 against the environment, under correct operating conditions.

* ID Plate Information
°) Free-blowing
°°) Need additional electrical terminal space 40mm



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DTI 8000P

Cooling data		**DTI 8401P**
Cooling capacity at A35/A35 *	Q_0	2000/2150 W
Cooling capacity at A50/A35 *	Q_0	1450/1550 W
Refrigerant type *		R 513a
Refrigerant amount *		760 g
Internal setting temerature (factory setting)		+33°C (+91.4°F)
High temperature alarm (factory setting)		> +45°C (+113°F)
Ambient air temperature		-40°C (-40°F) . . . +55°C (+131°F)
Internal temperature control range		+20°C (+68°F) . . . +45°C (+113°F)
Air volume, external circulation °)		1010 m³/h
Air volume, internal circulation °)		1010 m³/h
Condensation discharge		Condensate discharge pipe
Electrical data		
Rated voltage		230 V
Mains frequency		AC 50/60Hz
Operating range		DIN IEC 60038
Power consumption *(A35/A35) :	P_{el}	805/955W
Current consumption *	$I_{nom\ max}$	5,2/ 5,7 A
Starting current *	$I_{Start\ max}$	14,8 A
Heater power	P_{el}	1000W @ 0°C
Dimensions		
With flange：Height X Width X Depth °°)		783 X 483 X 200 (mm)
Without flange：Height X Width X Depth °°)		745 X 445 X 200 (mm)
Without flange ,With protective cover °°)		745 X 445 X 230 (mm)
Depth installation °°)		ca.64 mm
Weight		32 kg
Weight（With protective cover）		33 kg
Installation attitude		Vertical
Unit construction		Standard: Steel Option: Stainless
Corrosion protection		Standard: Galvanized, electrostatically powder coated (200°C) Option: Stainless, Aluminium
Protection system according to EN 60529		IP55 against the enclosure, under correct operating conditions. IP34 against the environment, under correct operating conditions.

* ID Plate Information
°) Free-blowing
°°) Need additional electrical terminal space 40mm



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DTI 8000P

Cooling data		**DTI 8601P**
Cooling capacity at A35/A35 *	Q_0	3000/3200 W
Cooling capacity at A50/A35 *	Q_0	2150/2300 W
Refrigerant type *		R 513a
Refrigerant amount *		1420 g
Internal setting temerature (factory setting)		+33°C (+91.4°F)
High temperature alarm (factory setting)		> +45°C (+113°F)
Ambient air temperature		-40°C (-40°F) . . . +55°C (+131°F)
Internal temperature control range		+20°C (+68°F) . . . +45°C (+113°F)
Air volume, external circulation °)		1600 m³/h
Air volume, internal circulation °)		1600 m³/h
Condensation discharge		Condensate discharge pipe
Electrical data		
Rated voltage		230 V
Mains frequency		AC 50/60Hz
Operating range		DIN IEC 60038
Power consumption *(A35/A35) :	P_{el}	1250/1570W
Current consumption *	$I_{nom\ max}$	8,5/ 11,7 A
Starting current *	$I_{Start\ max}$	25 A
Heater power	P_{el}	1500W @ 0°C
Dimensions		
With flange：Height X Width X Depth °°)		1350 X 550 X 250 (mm)
Without flange：Height X Width X Depth °°)		1300 X 500 X 250 (mm)
Without flange ,With protective cover °°)		1300 X 500 X 290 (mm)
Depth installation °°)		ca.64 mm
Weight		67 kg
Weight（With protective cover）		68.5 kg
Installation attitude		Vertical
Unit construction		Standard: Steel Option: Stainless
Corrosion protection		Standard: Galvanized, electrostatically powder coated (200°C) Option: Stainless, Aluminium
Protection system according to EN 60529		IP55 against the enclosure, under correct operating conditions. IP34 against the environment, under correct operating conditions.

* ID Plate Information
°) Free-blowing
°°) Need additional electrical terminal space 40mm



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Prior to mounting, ensure that the clearance of the units to each other and to the wall is at least 200mm; air inlet and outlet are not obstructed on the inside of the enclosure.

DTI 8000P

Cooling data		**DTI 8801P**
Cooling capacity at A35/A35 *	Q_0	4000/4200 W
Cooling capacity at A50/A35 *	Q_0	3250/3450 W
Refrigerant type *		R 513a
Refrigerant amount *		1100 g
Internal setting temerature (factory setting)		+33°C (+91.4°F)
High temperature alarm (factory setting)		> +45°C (+113°F)
Ambient air temperature		-40°C (-40°F) . . . +55°C (+131°F)
Internal temperature control range		+20°C (+68°F) . . . +45°C (+113°F)
Air volume, external circulation °)		1600 m³/h
Air volume, internal circulation °)		1600 m³/h
Condensation discharge		Condensate discharge pipe
Electrical data		
Rated voltage		230 V
Mains frequency		AC 50/60Hz
Operating range		DIN IEC 60038
Power consumption *(A35/A35) :	P_{el}	1850/1970W
Current consumption *	$I_{nom\ max}$	11,5/ 12,7 A
Starting current *	$I_{Start\ max}$	45 A
Heater power	P_{el}	1500W @ 0°C
Dimensions		
With flange：Height X Width X Depth °°)		1400 X 670 X 300 (mm)
Without flange：Height X Width X Depth °°)		1350 X 620 X 300 (mm)
Without flange ,With protective cover °°)		1350 X 620 X 340 (mm)
Depth installation °°)		ca.64 mm
Weight		72 kg
Weight（With protective cover）		74 kg
Installation attitude		Vertical
Unit construction		Standard: Steel Option: Stainless
Corrosion protection		Standard: Galvanized, electrostatically powder coated (200°C) Option: Stainless, Aluminium
Protection system according to EN 60529		IP55 against the enclosure, under correct operating conditions. IP34 against the environment, under correct operating conditions.

* ID Plate Information
°) Free-blowing
°°) Need additional electrical terminal space 40mm



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Prior to mounting, ensure that the clearance of the units to each other and to the wall is at least 200mm; air inlet and outlet are not obstructed on the inside of the enclosure.

DTI 8000P

Cooling data		**DTI 81001P**
Cooling capacity at A35/A35 *	Q_0	5000/5200 W
Cooling capacity at A50/A35 *	Q_0	3650/3850 W
Refrigerant type *		R 513a
Refrigerant amount *		1050g
Internal setting temerature (factory setting)		+33°C (+91.4°F)
High temperature alarm (factory setting)		> +45°C (+113°F)
Ambient air temperature		-40°C (-40°F) . . . +55°C (+131°F)
Internal temperature control range		+20°C (+68°F) . . . +45°C (+113°F)
Air volume, external circulation °)		2200 m³/h
Air volume, internal circulation °)		1600 m³/h
Condensation discharge		Condensate discharge pipe
Electrical data		
Rated voltage		230 V
Mains frequency		AC 50/60Hz
Operating range		DIN IEC 60038
Power consumption *(A35/A35) :	P_{el}	2150/2370W
Current consumption *	$I_{nom\ max}$	20,5/ 22,6 A
Starting current *	$I_{Start\ max}$	55 A
Heater power	P_{el}	1500W @ 0°C
Dimensions		
With flange：Height X Width X Depth °°)		1400 X 670 X 300 (mm)
Without flange：Height X Width X Depth °°)		1350 X 620 X 300 (mm)
Without flange ,With protective cover °°)		1350 X 620 X 340 (mm)
Depth installation °°)		ca.64 mm
Weight		77 kg
Weight（With protective cover）		79 kg
Installation attitude		Vertical
Unit construction		Standard: Steel Option: Stainless
Corrosion protection		Standard: Galvanized, electrostatically powder coated (200°C) Option: Stainless, Aluminium
Protection system according to EN 60529		IP55 against the enclosure, under correct operating conditions. IP34 against the environment, under correct operating conditions.

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°) Free-blowing
°°) Need additional electrical terminal space 40mm



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Prior to mounting, ensure that the clearance of the units to each other and to the wall is at least 200mm; air inlet and outlet are not obstructed on the inside of the enclosure.