

50 Years
Reliable. Every time. Everywhere.

Emergency Pneumatics.



Medical tents

Product catalogue



Version: 04.2014



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The all-round manufacturer for specialized emergency pneumatics	Page	38

Eight good reasons for pneumatic medical tents:

- Erected in two minutes with just two people
- Immediate operational readiness
- Versatile and mobile
- Hardly any training required
- Complete equipment contained in one pack
- Independent of power supply
- Long periods of use without having to re-fill
- One-piece system without any loose parts

Because we understand you.

Your operational goals are quickly and more easily achieved thanks to the speedy development of our products. Your time is of value and must not be wasted. You could say that a tent is a tent – no more and no less. However, another important aspect must come into the equation and that is the question about if it is going to live up to the mark with regard to performance, design and quality not to mention the other worry about it being able to automatically do what it is intended to do.



Completely oriented to operational application.

The specialist who is way ahead in the field of emergency pneumatics

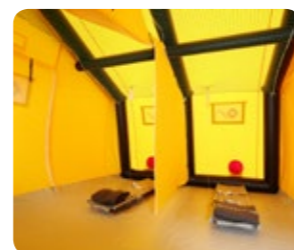
There is only one market provider worldwide that is able to offer you the full range of pneumatic products tailored to the field of rescue – that provider is **Vetter**. You gain from our many years of experience and from the very pinnacle of quality – Made in Germany, the hallmark you can rely on.

Life-proven rescue experience

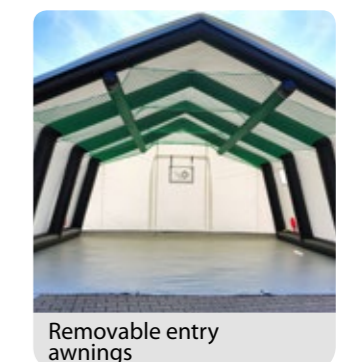
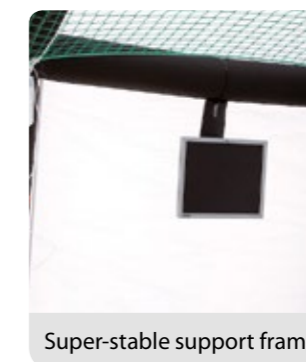
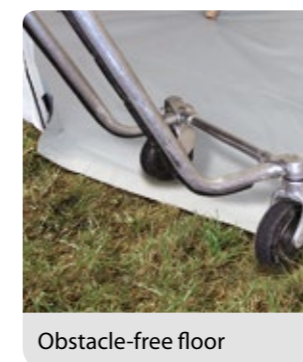
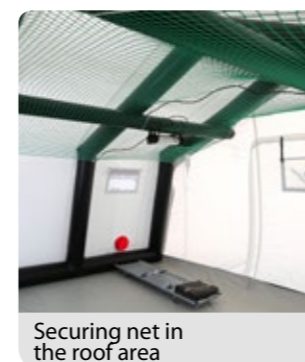
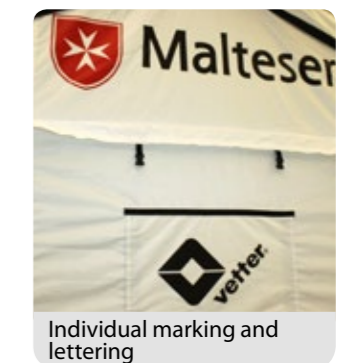
Vetter has been a loyal and competent partner of fire brigades and rescue services around the world for 50 years. With our vast experience we know what helpers and rescuers really need which is in turn optimally implemented into our products.

Paramount orientation to customer needs

It is a known fact that every individual sector of medical service has its own typical operational scenarios and requirements with respect to a rescue tent. With **Vetter** you are always on the safe side because we offer you tents made meticulously by hand thus giving you open opportunities to implement your very own design. Our sales network and production work as one body in order to develop the most suitable solution, putting you in the best and most reliable position.



Well conceived tents for complete operational flexibility:





Medical tents

Special developed with the medical field in mind.

MT-Series

The standard tent for all scenarios.

If you are looking for versatility, top quality and many well-thought-out features giving you operational ease then look no further because Vetter's MT Series offers all these factors in one package. The practical width of 5.50 m is of great advantage when beds are positioned crosswise because this means that there is a gangway of 1.5 m available for medical staff and equipment.

Four sizes and one docking tent

You can choose between one of four different sizes which offer useable areas from 20 m² to 60 m². The docking tent will enable you to construct a "tent town" or join individual tents to each other. This field-proven feature is of great advantage when working on the front line in rescue operations.

The vital aspect of saving time and staff

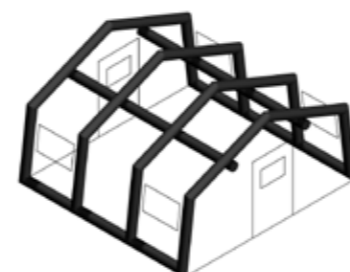
Saving time and staff is certainly a vital aspect and this is why **Vetter** designs tents which are practical to transport as well as being swift to erect and dismantle. Such things as self-erecting support frames, lightweight features, compact dimensions and practical handling all contribute to



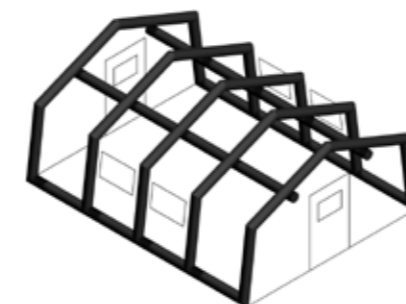
Product drawings



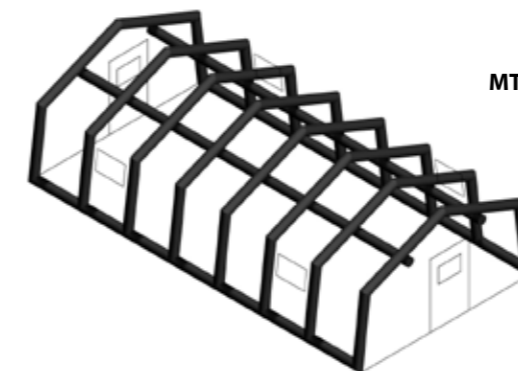
MT 20



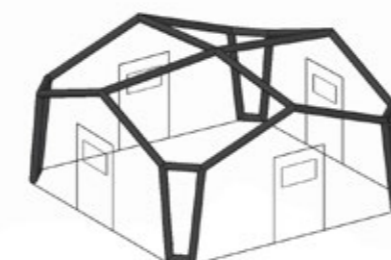
MT 30



MT 40



MT 60



Docking tent

PREMIUM: with windows
BASIC: without windows



In operation for...

- › First aid tent at large events
- › Operation control centre for aid organizations
- › Medical care tent for large-scale operations
- › Storage tent
- › Screening facility for treatment of injuries
- › Accommodation tent
- › Emergency accommodation during evacuations



Good reasons:

- › The most extensive and far-reaching standard package on the market
- › Specially developed with the medical sector in mind
- › Erected in just 2 minutes (MT 20)
- › Remains fully operational for a number of days without needing any re-inflation
- › Easy tent docking
- › Patented securing net in the roof area which enables flexibility for attachment of medical equipment or lamps
- › Individual marking either on a separate cover or directly onto the tent awning
- › Unlimited docking of additional tents



Guaranteed quality:

- › Final inspection of all tents and accessories
- › Testing to 1.3 times the operating pressure
- › A safety valve (0.3 bar) integrated into the support frame protects against over-inflation
- › The support frame is made of a special tear-proof material
- › Awning material made of the very best quality which was specially designed for tents
- › Low flammable awning material meeting DIN 4102 B1





Type		MT 20	MT 30	MT 40	MT 60	Docking tent
Art.-no. PREMIUM set with PU tent tarpaulin		1523027400	1523027500	1523027600	1523027700	1523027800
Art.-no. BASIC set with PU tent tarpaulin		1523027900	1523028000	1523028100	1523028200	-
Usable Area	m ²	20	30	40	60	45
	sq.ft.	216	324	432	648	462
Number of possible beds		6	8	12	18	-
Erection time, ca.	sec.	120	180	240	360	300
Exterior size (L x W x H)	cm	370 x 593 x 324	550 x 593 x 324	730 x 593 x 324	1100 x 593 x 324	660 x 660 x 324*
	ft	12 x 19 x 11	18 x 19 x 11	24 x 19 x 11	36 x 19 x 11	21.5 x 21.5 x 11
Interior size (L x W x H)	cm	370 x 534 x 294	550 x 534 x 294	730 x 534 x 294	1100 x 534 x 294	660 x 660 x 294
	ft	12 x 18 x 10	18 x 18 x 10	24 x 18 x 10	36 x 18 x 10	21.5 x 21.5 x 10
Air requirement	l	3052	4566	5851	8113	4567
	cu.ft.	108	161	207	287	161
Pack size (including bag)**	cm	110 x 85 x 60	110 x 85 x 60	110 x 85 x 85	110 x 95 x 100	110 x 85 x 85
	inch	43 x 33 x 24	43 x 33 x 24	43 x 33 x 33	43 x 37 x 39	43 x 33 x 33
Weight BASIC, ca.	kg	74,5	107,5	156,5	205	
	lbs	164	237	345	452	
Weight PREMIUM, ca.	kg	76	110	160	210	135
	lbs	168	243	353	463	298

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*Height of roof ridge = 390 cm/12.5 ft

**Smaller pack size (with packing blanket) on request, e.g. for vehicle loading

PREMIUM set basic equipment in detail:

- › Tent frame including the guy cable
- › Wrapper tarpaulin with separate, removable entrance tarpaulins
- › 2 independent/different connection facilities available
- › Patented attachment net in the roof area (removable)
- › Sufficient number of windows extant (See Drawings p. 9)
- › Removable tent floor (barrier free)
- › 4 feed-through holes, 2 on each tent side

BASIC set basic equipment in detail:

- › Tent frame including the guy cable
- › Wrapper tarpaulin with separate, removable entrance tarpaulins
- › 2 independent/different connection facilities available
- › Removable tent floor (barrier free)
- › 2 feed-through holes, 1 on each tent side (diagonal)

Each tent is supplied with a bag including accessories (hammer, pegs and repair material).

The complete equipment is delivered in a practical package (portable).

The standard colours:



Other colours on request.

Tailoring to your requirements

Your requirements fully met individually and quickly.

Complete freedom of design for individual tents - this is a feature offered to you only by Vetter. If you are looking for a tent which is able to fulfill your application requirements and think that a standard tent does not come up to the mark then you are directly on target with Vetter. We are able to design any form of tent tailored to your requirements.

Your customized tent

At **Vetter** there is a great deal of work made by hand. This is the reason why we are able to guarantee accuracy and paramount quality even with individual series. Take advantage of our considerable working experience ranging over many years in the field of emergency pneumatics in order that the perfect tent concept becomes reality for you.

Your variation possibilities are unlimited:

- › Transverse and longitudinal separation walls in any combination
- › Addition of ducts in the awnings for cables or heating
- › Ventilation covers
- › Marking and lettering according to requirements
- › Various colours are also combinable
- › Individual number of windows
- › Window with mesh net or additionally fitted with polyglass
- › Type and method of docking (directly or with a sluice)
- › Removable floor (only inside) or completely detachable
- › Version with an insulation awning and / or inside tent

The variations listed only represent a fraction of the possibilities available.

Is there nothing which seems to meet your needs?

The answer can never be "no" because we can make it possible, just ask us - it is worth it!

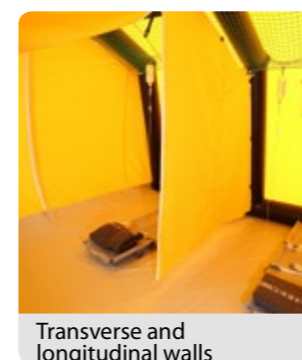
Our staff will gladly assist you in all matters concerning products, detailed information and answers to any of your questions, just contact us:

+49 (0) 22 52 / 30 08-0 or
vetter.rescue@idexcorp.com

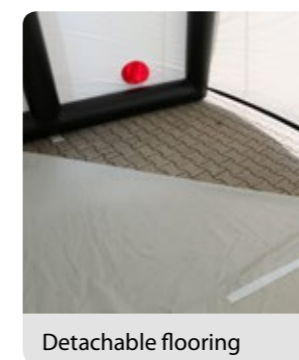
www.vetter.de



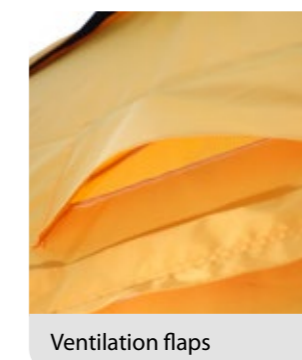
Unlimited variation possibilities:



Transverse and longitudinal walls



Detachable flooring



Ventilation flaps



Individual marking and lettering



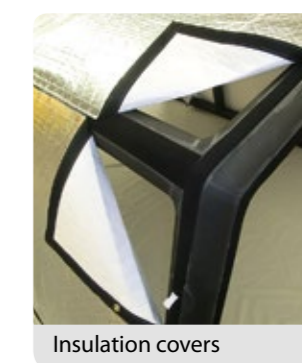
Individual colours / multi-coloured tents



Type and method of docking



Window with mesh net / polyglass



Insulation covers



Mobile hospitals

The hospital that comes to the patient.

Mobile hospitals

Equipped for readiness.

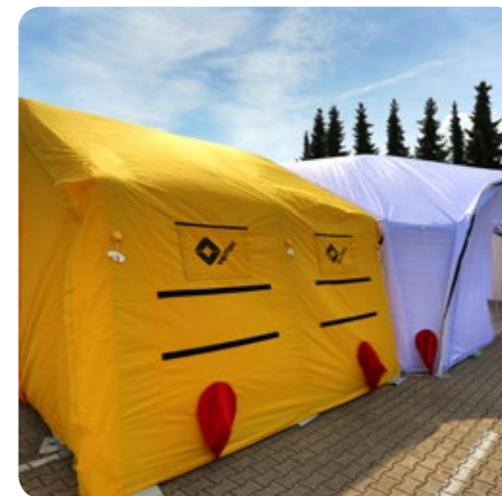
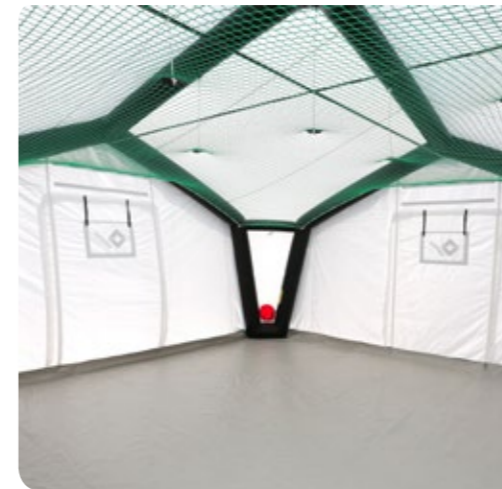
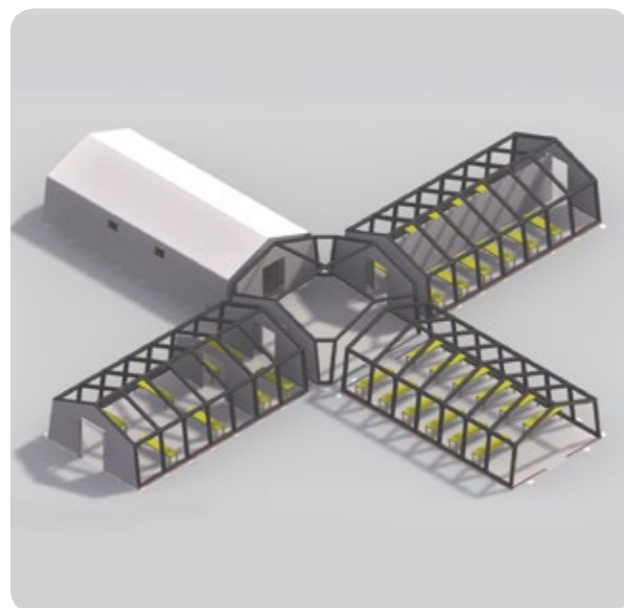
Thanks to design foresight, our medical tents are modular and therefore excellently suited for constructing tent groups or mobile medical care centers. Features such as detachable floors, which are obstacle-free, or removable entry awnings give you the required flexibility in order to meet all demands.

Unlimited combination possibilities

Using the MT-series as a basis enables you to couple any number of tents to make a "tent town" depending on the scenario to be overcome. Docking tents, sluices or just removal of the entry awnings help you to construct large protected areas. If decontamination of large numbers of people is required then this does not present any difficulty because decontamination tents and showers are easily integrated.

Example scenario (number of patients: 120)	
Equipment	Required number
Tent type MT 60 (60 m ²)	10 (600 m ² useable area)
Number of docking tents	3
Number of beds	120
Lamps per MT 60	4
Heaters per MT 60	1

We will gladly send you a quotation tailored to your scenario.
Contact us under:
+49 (0) 22 52 / 30 08-0 or
vetter.rescue@idexcorp.com
www.vetter.de



In operation for...

- › Large scale damage with a Mass Casualty Incident (MCI)
- › Earthquake
- › Storms / Flooding
- › Forest fires
- › Acts of terrorism (ABC protection measures)
- › Threats caused by war
- › Decontamination with epidemics (a mobile hospital constructed in front of the main hospital, in connection with decontamination tents, refer to Page 20)
- › Large scale accident
- › Explosions in industrial facilities



Good reasons:

- › Rapid erection and immediate use of the areas
- › Large useable width achieving sufficient free space in the tent
- › Securing net in the roof area enabling the attachment of lighting and medical equipment
- › Unlimited number of combination possibilities
- › Removable entry awnings guarantee more flexibility



Guaranteed quality:

- › Final inspection of all tents and accessories
- › Testing at 1.3 times the operating pressure
- › A safety valve (0.3 bar) integrated into the support frame for protection against over-inflation
- › The support frame is made of a special tear-proof material
- › Awnings material of the highest quality and designed especially for tents
- › Low flammable awning material according to DIN 4102 B1





Decontamination

Quick and reliable protection of people.

Decon Tent PZ 17 2 L

Decontamination of civilians or deployment teams

With the PZ 17 2 L you can decontaminate both civilians as well as the deployed personnel. Thanks to a longitudinal partition, the tent is subdivided into 2 decontamination lines. These two lines provide sufficient room for men and women to shower separately or simultaneous / parallel decontamination of a troop under CPS.

The shower units divide the tent into undressing, showering and dressing areas. Since each shower unit has a separate water supply, the water volume and temperature can be individually controlled. Practical orientation during use is provided by the colour coding of the feed-through holes in the tent tarpaulin (blue: water, red: heating or electricity, green: compressed air). The continuous collecting basin in the shower area prevents fluid from transgressing into the rest of the tent. If required, easily connect the PZ 17 universal tent as an additional supply or accommodation tent with the PZ 17 2 L to expand the functional radius.



Decontaminate simultaneously in 2 lines.

Decon Tent PZ 17 2 L comes standard with these components:

- › Inflatable tent frame including the guy cable
- › Removable tarpaulin with removable entrance tarpaulins
- › 4 doors (2 in each entrance tarpaulin)
- › 4 windows (2 in each entrance tarpaulin)
- › Removable tent floor
- › Removable longitudinal partition for subdividing the tent into the 2 lines
- › 2 shower units and shower hoses
- › Shower basin made of polyester fabric, PVC coated on both side (other qualities on request)
- › 4 shower handsets (2 handsets per shower unit)

Each tent comes with an accessories case including a hammer, earth pins and repair material. The whole equipment is supplied in a practical pack unit.

Technical Data

Decon Tent PZ 17 2 L	Erection time sec.	Size, exterior (L x W x H) m/ft	Size, interior (L x W x H) m/ft	Air requirement litres/cu.ft.	Stowing dimensions (L x W x H) m/ft	Weight ca. kg/lbs	Collecting basin, litres/cu.ft.
17 m ² , 2 lines 1520047000	120	4.9 x 3.86 x 2.48 16 x 13 x 8	4.9 x 3.5 x 2.3 16 x 12 x 8	2664 94	1.1 x 0.85 x 0.6 3 x 2 x 1	102 225	980 35

The Vetter standard colours



Other colours on request.
Just give us a call:
+49 (0)2252 / 3008-0



In operation for...

- › Epidemics
- › Decontamination of patients in front of hospitals
- › ABC protective measures after factory and reactor accidents
- › Terror attacks or in case of war



Good reasons:

- › Saves time and personnel
- › Only one filling connection for the entire system
- › Fill with compressed air bottle or with a blower
- › Removable components makes tent easy to clean
- › Can be coupled with the PZ 17 Universal Tent



Guaranteed quality:

- › Individually tested (Seal of Approval)
- › Integrated safety valve prevents overfilling
- › Support frame made of sturdy material



Decon Tent PZ 40 3 L

Mass decontamination, safe and fast.

In an emergency, every minute counts! Decontaminate a large number of people in the shortest possible time. Thanks to two longitudinal partitions, the tent is subdivided into 3 decontamination lines. Use the middle line (1.85 m wide) to decontaminate casualties in the horizontal position; the outer lines (1.62 m wide) provide sufficient space for showering off men and women separately.

The shower units divide the tent into undressing, showering and dressing areas. Since each shower unit has a separate water supply, the water volume and temperature can be individually controlled. Practical orientation during use is provided by the colour coding of the feed-through holes in the tent tarpaulin (blue: water, red: heating or electricity, green: compressed air). The continuous collecting basin in the shower area prevents fluid from transgressing into the rest of the tent. If required, easily connect the PZ 30 and PZ 40 universal tent as an additional supply or accommodation tent with the PZ 40 3 L to expand the functional radius.



Decontaminate simultaneously in 3 lines.

Decon Tent PZ 40 3 L comes standard with these components:

- › Inflatable tent frame including the guy cable
- › Removable tarpaulin with removable entrance tarpaulins
- › 6 doors (3 in each entrance tarpaulin)
- › 6 windows (3 in each entrance tarpaulin)
- › Removable tent floor
- › 2 removable longitudinal partitions to subdivide the tent into 3 lines
- › 3 shower units with removable shower curtains and shower hoses
- › Shower basin made of polyester fabric, PVC coated on both side (other qualities on request)
- › 12 shower handsets (4 handsets per shower unit)

Each tent comes with an accessories case including a hammer, earth pins and repair material. The whole equipment is supplied in a practical pack unit. A shearing roller conveyor and the related spine boards are optionally available.

Technical Data

Decon Tent PZ 40 3 L	Erection time sec.	Size, exterior (LxWxH) m/ft	Size, interior (LxWxH) m/ft	Air requirement Liter/cu.ft.	Stowing dimensions (LxWxH) m/ft	Weight ca. kg/lbs	Collecting basin, Liter/cu.ft.
40 m ² , 3 lines 1520035500	300	8 x 5.5 x 3.1 26 x 18 x 10	8 x 5.1 x 2.9 26 x 16 x 9	6863 242	1.1 x 0.85 x 0.85 3 x 2 x 2	204 450	2610 92

Also available as a 40 m² tent with 2 lines. PZ 40 2 L (1520048900)

The Vetter standard colours



Other colours on request.

Just give us a call:
+49 (0)2252 / 3008-0



In operation for...

- › Epidemics
- › Decontamination of patients in front of hospitals
- › ABC protective measures after factory and reactor accidents
- › Terror attacks or in case of war



Good reasons:

- › Saves time and personnel
- › Only one filling connection for the entire system
- › Fill with compressed air bottle or with a blower
- › Removable components makes tent easy to clean
- › Can be coupled with the PZ 17 or PZ 40 Universal Tent



Guaranteed quality:

- › Individually tested (Seal of Approval)
- › Integrated safety valve prevents overfilling
- › Support frame made of sturdy material



Decon showers

The pneumatic showers are used as emergency decontamination positions or applied in combination with other tents. Owing to their size, the showers are specially designed to quickly and easily fit into the tents. Consequently, the functional radius is extended by a clothe changing area.

A selection of two models

You can choose between the compact shower and the decon shower: the decon shower has an additional frontal outside basin enabling secondary cleaning of boots as well as serving the purpose of preventing any splashing of contaminated shower water on the floor.

Both types of shower can be obtained (as an option) with gloves in the curtain and with drainage in the insertion basin. The gloves integrated into the curtain make showering down of persons easier for staff. The drain in the insertion basin enables controlled drainage of contaminated liquids.

Technical data		Compact shower	Decon shower
Art.no.		1513000102	1513003900
Art.no.	with gloves and drain	1513003700	1513001801
Erection time, ca.	sec.	30	40
Ext. basin size (LxWxH)	cm	156 x 156 x 20	276 x 156 x 20
	ft	5 x 5 x 0.65	9 x 5 x 0.65
Int. basin size (LxWxH)	cm	120 x 120 x 20	240 x 120 x 20
	ft	4 x 4 x 0.65	8 x 4 x 0.65
Total height	cm	220	220
	ft	7	7
Air requirement	l	682	738
	cu.ft.	24	26
Capacity	l	300	770
	cu.ft.	11	27
Ø Water flow rate	l/min.	25	25
	cu.ft./min.	0.88	0.88
Pack size	cm	110 x 72 x 30	110 x 72 x 30
	inch	43 x 28 x 12	43 x 28 x 12
Weight, ca.	kg	24-29	27-32
	lbs	53-64	60-71

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Items

- › Shower curtain and the insertion basin are exchangeable
- › Raised support frame for feet positioning (ergonomic position)
- › Abrasion protection on the underside
- › Shower hose is exchangeable
- › 8 moveable shower heads positioned at different heights
- › Facility for additional fitting of a decontamination hand shower

Decon shower



Integrated gloves (optional)



Compact shower



In operation for...

- › Epidemics
- › Decontamination of patients in front of the hospital
- › ABC-protection measures as a result of accidents in plants and reactors, terrorist attacks or in war situations
- › Shower for staff or patients in the mobile hospital



Good reasons:

- › Operationally flexible inside and outside the tent
- › Quickly erected and operational
- › Optional outside basin enables post-cleaning
- › If required, integrated gloves for showering down of persons by staff
- › Can be supplied with drain in the shower basin in order to enable controlled drainage of contaminated liquids
- › Extensive range of accessories



Guaranteed quality:

- › Final inspection
- › Testing at 1.3 times the operating pressure
- › A safety valve (0.3 bar) integrated into the support frame avoids over-inflation
- › Complete construction which is extremely sturdy
- › A support frame made of a special tear-proof material
- › Collection basin made of a polyester fibre coated with PVC on both sides (other qualities possible on request)

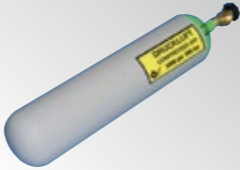









Accessories

Everything belonging to it.


Inflation and deflation

Inflation with a compressed air bottle

Compressed air bottle 6 l / 300 bar , Steel, 5/8" IT = 1800 l for quick and safe inflation	Art. no.: 1600010800																								
Compressed air bottle 10 l / 200 bar , Steel, 5/8" IT = 2000 l for quick and safe inflation	Art. no.: 1600010500																								
Compressed air bottle 9 l / 300 bar , Composite, 5/8" IT = 2700 l for quick and safe inflation	Art. no.: 1600019900																								
Dual connector 200 bar for simultaneous connection of 2 compressed air bottles (200 bar), thread 5/8"	Art. no.: 1600008400																								
Dual connector 300 bar for simultaneous connection of 2 compressed air bottles (300 bar), thread 5/8"	Art. no.: 1600009100																								
Pressure regulator 200 / 300 bar with max. output pressure of 12 bar	Art. no.: 1600026100 Art. no.: 1600026200 (USA)																								
Blower 0.23-0.47 bar/3.3 - 6.8 psi , electrical (120 V or 230 V) IP68 plug is available at additional charge	Art. no.: 1523017700 (230V) Art. no.: 1523017900 (120V)																								
<table border="1"> <tr> <td>Flow rate, max.</td> <td>l/min.</td> <td>1800</td> </tr> <tr> <td>Flow rate with booster, max.</td> <td>l/min.</td> <td>2500</td> </tr> <tr> <td>Power, max.</td> <td>W</td> <td>1000</td> </tr> <tr> <td>Power with booster, max.</td> <td>W</td> <td>2000</td> </tr> <tr> <td>Mains voltage</td> <td>V/Hz</td> <td>230/50</td> </tr> <tr> <td rowspan="2">Dimensions (LxWxH)</td> <td>cm</td> <td>32 x 17 x 26</td> </tr> <tr> <td>inch</td> <td>12.5 x 6.6 x 10.1</td> </tr> <tr> <td rowspan="2">Weight</td> <td>kg</td> <td>4.1</td> </tr> <tr> <td>lbs</td> <td>9</td> </tr> </table>	Flow rate, max.		l/min.	1800	Flow rate with booster, max.	l/min.	2500	Power, max.	W	1000	Power with booster, max.	W	2000	Mains voltage	V/Hz	230/50	Dimensions (LxWxH)	cm	32 x 17 x 26	inch	12.5 x 6.6 x 10.1	Weight	kg	4.1	lbs
Flow rate, max.	l/min.	1800																							
Flow rate with booster, max.	l/min.	2500																							
Power, max.	W	1000																							
Power with booster, max.	W	2000																							
Mains voltage	V/Hz	230/50																							
Dimensions (LxWxH)	cm	32 x 17 x 26																							
	inch	12.5 x 6.6 x 10.1																							
Weight	kg	4.1																							
	lbs	9																							
Inflation hose , 1.5 m/0.6 inch for blower 0.23 - 0.47 bar	Art. no.: 1523021100																								
Two cylinder module protective carrying frame for 2 compressed air cylinders 6 l / 300 bar (0.21 cu. ft. / 4,350 psi), cylinders not included	Art. no. 1600011600																								
Four cylinder module 2 two cylinder modules, plus trolley (1600011800), cylinders not included	Art. no.: 2 x 1600011600 Art. no.: 1 x 1600011800																								





* additional tent blowers on request

Deflation


Vacuum adapter , for rapid and complete deflation of the support frame; snap coupling is connected to the air supply source, the pressure should be between 4-8 bar	Art. no.: 1700018300	
Adapter , from claw coupling to brass inflation connection	Art. no.: 1600012000	

Equipment

Windows

Window , with mesh net and cover	Art. no.: 1520020600	
Wind protection foil for window , installation included	Art. no.: 1520033900	
Window , with mesh net, cover and additional wind protection foil (polyglass)	Art. no.: 1520025700	
Roof window , with cover for darkening inside and protection screen (polyglass) outside	Art. no.: 1520041300	



Ventilation

Ventilation flap , for improved air circulation, positioned in the roof	Art. no.: 1520025800	
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Ducts

Duct openings , (additionally) for cables or heating, with velcro and fleece	Art. no.: 1520020500	
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Marking/Logo

Tent print marking , one colour, on the outside (multi-coloured on request)	Art. no.: 1520022400	
Cover with print , one colour, 1300 x 600 mm (multi-coloured on request)	Art. no.: 1520025600	


Insulation cover

Insulation cover , for MT-Series, for protection against extreme temperatures		
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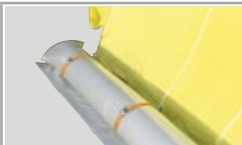
Transverse separation walls

Separation wall, transverse , for MT-Series (all tent sizes) with door	Art. no.: 1523014100	
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Longitudinal separation walls



MT 20	Art. no.: 1523014300	
MT 30	Art. no.: 1523014400	
MT 40	Art. no.: 1523014200	
MT 60	Art. no.: 1523014500	

Ballast tanks


Ballast tank , for improved stability with strong winds, 2 ballast tanks are needed per tent; different sizes can be obtained on request		
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Lighting

Daylight lamps IP 54 (spray water protected) including nylon belt




Plug and socket IP 54 daylight lamp 2 x 36 W spray water protected	Art. no.: 1520038600	
Plug and socket IP 54 daylight lamp 2 x 55 W spray water protected	Art. no.: 1520038900	
Plug and socket IP 68 daylight lamp 2 x 36 W protected against water penetration when permanently immersed	Art. no.: 1520038700	
Plug and socket IP 68 daylight lamp 2 x 55 W protected against water penetration when permanently immersed	Art. no.: 1520038800	


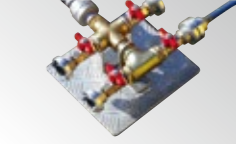

LED shelter lightening IP 65 (protection against jetwater from all directions) including nylon belt

Plug and socket IP 68 LED shelter lightening 36 Watt protected against water penetration when permanently immersed	Art.-Nr. 1700061300	
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Water supply



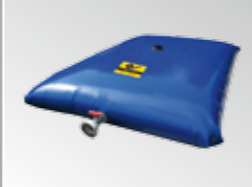
Water supply:

<p>Water pump, including suction hose and suction basket filter, pressure and suction connection: Storz D IP68 plug is available at additional charge</p> <table border="1"> <tr><td>Flow rate</td><td>l/min</td><td>88</td></tr> <tr><td>Mains supply voltage</td><td>V/Hz</td><td>230/50</td></tr> <tr><td>Rev. rate</td><td>U/min.</td><td>2900</td></tr> <tr><td>Protection class</td><td>F/IP</td><td>44*</td></tr> <tr><td>Fuse rating</td><td>A/min.</td><td>16</td></tr> <tr><td>Suction height max.</td><td>m</td><td>8</td></tr> <tr><td>Power consumption</td><td>kW</td><td>1.3</td></tr> <tr><td>Nominal power</td><td>kW</td><td>5.8</td></tr> <tr><td>Dimensions (L x W x H)</td><td>cm</td><td>42 x 29 x 40</td></tr> <tr><td></td><td>inch</td><td>16.5 x 11.5 x 15.5</td></tr> <tr><td>Weight</td><td>kg</td><td>13</td></tr> <tr><td></td><td>lbs</td><td>28.7</td></tr> </table> <p><small>*Protection against tool contact, wires, or similar, > 1 mm; protection against foreign bodies > 1 mm; protection against water spray from all directions</small></p>	Flow rate	l/min	88	Mains supply voltage	V/Hz	230/50	Rev. rate	U/min.	2900	Protection class	F/IP	44*	Fuse rating	A/min.	16	Suction height max.	m	8	Power consumption	kW	1.3	Nominal power	kW	5.8	Dimensions (L x W x H)	cm	42 x 29 x 40		inch	16.5 x 11.5 x 15.5	Weight	kg	13		lbs	28.7	Art. no.: 1520015800										
Flow rate	l/min	88																																													
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Weight	kg	13																																													
	lbs	28.7																																													
<p>Waste water hose, 15 m, Storz D</p>	Art. no.: 1523029500																																														
<p>Portable hot water heater „Decon Mobile“ With integrated admixing device, incl. chimney pipe, rain cap and IP 68 plug</p> <table border="1"> <tr><td>Operating pressure max.</td><td>bar</td><td>15</td></tr> <tr><td>Water flow rate max.</td><td>l/min</td><td>40</td></tr> <tr><td>Hot-water outlet 2 each</td><td>°C</td><td>30 - 60</td></tr> <tr><td>Hot-water outlet with chemicals 2 each</td><td>°C</td><td>40</td></tr> <tr><td>Heating capacity</td><td>kW</td><td>90</td></tr> <tr><td>Internal burner thermostat, controllable up to max.</td><td>°C</td><td>40</td></tr> <tr><td>Flame detection</td><td></td><td>Thermal</td></tr> <tr><td>Diesel consumption</td><td>l/h</td><td>ca. 7,8 (Dauerbetrieb)</td></tr> <tr><td>Volume of fuel tank</td><td>l</td><td>20</td></tr> <tr><td>Weight (without fuel)</td><td>kg</td><td>65</td></tr> <tr><td>Electric connection</td><td>V</td><td>230/50</td></tr> <tr><td>Electrical controller</td><td>V</td><td>24</td></tr> <tr><td>Length</td><td>mm</td><td>890</td></tr> <tr><td>Width</td><td>mm</td><td>570</td></tr> <tr><td>Height</td><td>mm</td><td>800</td></tr> </table> <p><small>*Input and output Storz D</small></p>	Operating pressure max.	bar	15	Water flow rate max.	l/min	40	Hot-water outlet 2 each	°C	30 - 60	Hot-water outlet with chemicals 2 each	°C	40	Heating capacity	kW	90	Internal burner thermostat, controllable up to max.	°C	40	Flame detection		Thermal	Diesel consumption	l/h	ca. 7,8 (Dauerbetrieb)	Volume of fuel tank	l	20	Weight (without fuel)	kg	65	Electric connection	V	230/50	Electrical controller	V	24	Length	mm	890	Width	mm	570	Height	mm	800	Art. no.: 1520049800 Art. no.: 1520049700 Version as per Drinking Water Acts KTW and DVGW-W270	
Operating pressure max.	bar	15																																													
Water flow rate max.	l/min	40																																													
Hot-water outlet 2 each	°C	30 - 60																																													
Hot-water outlet with chemicals 2 each	°C	40																																													
Heating capacity	kW	90																																													
Internal burner thermostat, controllable up to max.	°C	40																																													
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Width	mm	570																																													
Height	mm	800																																													







<p>Dosing device, including suction hose, connection: Storz D</p> <table border="1"> <tr><td>Operating power</td><td>l/h</td><td>10</td></tr> <tr><td></td><td>cbm/h</td><td>2.5</td></tr> <tr><td>Max. operating pressure</td><td>bar</td><td>6</td></tr> <tr><td>Operating temperature max.</td><td>°C</td><td>40</td></tr> <tr><td>Dosage amount</td><td>l/h</td><td>0.1 - 152</td></tr> <tr><td>Dosing</td><td>%</td><td>1 - 5</td></tr> <tr><td>Dimensions (L x W x H)</td><td>cm</td><td>40 x 60 x 70</td></tr> <tr><td></td><td>inch</td><td>15.6 x 23.4 x 27.3</td></tr> <tr><td>Weight</td><td>kg</td><td>8.9</td></tr> <tr><td></td><td>lbs</td><td>19.6</td></tr> </table> <p><small>Is not required with the portable hot water heater on p. 32.</small></p>	Operating power	l/h	10		cbm/h	2.5	Max. operating pressure	bar	6	Operating temperature max.	°C	40	Dosage amount	l/h	0.1 - 152	Dosing	%	1 - 5	Dimensions (L x W x H)	cm	40 x 60 x 70		inch	15.6 x 23.4 x 27.3	Weight	kg	8.9		lbs	19.6	Art. no.: 1520016000	
Operating power	l/h	10																														
	cbm/h	2.5																														
Max. operating pressure	bar	6																														
Operating temperature max.	°C	40																														
Dosage amount	l/h	0.1 - 152																														
Dosing	%	1 - 5																														
Dimensions (L x W x H)	cm	40 x 60 x 70																														
	inch	15.6 x 23.4 x 27.3																														
Weight	kg	8.9																														
	lbs	19.6																														
<p>Water distributor, 4 stage distributor, Storz D, e.g. for simultaneous operation of max. 4 showers</p>	Art. no.: 1520015600																															
<p>Water supply hose, made of rubber, coiled, stable shaped, suitable for warm water; length 2 m</p>	Art. no.: 1520015500																															

Waste water management






<p>Mini permanent aspirator MPA 2.0 MWF, with IP 68 plug please refer to our Catalogue Rescue Products for more information</p>	Art. no.: 2220003200																	
<p>Suction jet, for shower basin to obtain better drainage/ for connection to a suction hose</p>	Art. no.: 1700014701																	
<p>Waste water pump with flat suction, Storz D coupling, with IP 68 plug</p> <table border="1"> <tr><td>Flow rate</td><td>170 l/min.</td></tr> <tr><td>Motor</td><td>230 V AC</td></tr> <tr><td>Protection class</td><td>Schuko IP 44</td></tr> <tr><td>Pumping height</td><td>7 m (WC) 23 ft.</td></tr> <tr><td>Power P1 / P2</td><td>430 / 210 W</td></tr> <tr><td>Rated current</td><td>2,1 A</td></tr> <tr><td>Dimensions</td><td>Ø 17,5 x 28 cm 6.8 x 10.9 inch</td></tr> <tr><td>Weight, approx.</td><td>5,1 kg 11.2 lbs</td></tr> </table>	Flow rate	170 l/min.	Motor	230 V AC	Protection class	Schuko IP 44	Pumping height	7 m (WC) 23 ft.	Power P1 / P2	430 / 210 W	Rated current	2,1 A	Dimensions	Ø 17,5 x 28 cm 6.8 x 10.9 inch	Weight, approx.	5,1 kg 11.2 lbs	Art. no.: 1520041600	
Flow rate	170 l/min.																	
Motor	230 V AC																	
Protection class	Schuko IP 44																	
Pumping height	7 m (WC) 23 ft.																	
Power P1 / P2	430 / 210 W																	
Rated current	2,1 A																	
Dimensions	Ø 17,5 x 28 cm 6.8 x 10.9 inch																	
Weight, approx.	5,1 kg 11.2 lbs																	
<p>Waste water hose, 15 m, Storz D</p>	Art. no.: 1523029500																	

Adapter piece C-D , as connector from the waste-water hose to the water tank		
Open Water Tank (OWT) , (capacity: 1000-20000 l), to collect or temporarily store leaking liquids, waste water, with Storz A or C coupling		
Closed Water Tank (CWT) , (capacity: 1000-50000 l), to collect or temporarily store leaking liquids, waste water, with Storz A or C coupling Also available as a food-safe variant for provision of/storing drinking water.		






Other accessories

Hand shower , for shower tents / showers	Art. no.: 1510001700	
Hand shower with PVC pipe , for shower tents / showers	Art. no.: 1510007100	
Decon spray shower , quick-stop function	Art. no.: 1510014700	
Adapter D-Storz with quick-action coupling , for connecting the decon spray shower to the water supply	Art. no.: 1700009500	
Floor grate for shower basins , 50x50x5 cm (19.5x19.5x1.9 inch), grey	Art. no.: 1520039000	
Coloured tarpaulins for decontamination lines , PVC, 2.5x4 m (97.5x156 inch)	Art. no.: 1513002701  Art. no.: 1513000901  Art. no.: 1513000801 	
For decontamination of injured persons in horizontal position Expandable roller conveyor and spineboard		



Tent heater ATK 25 (automatic oil heater) IP68 plug is available at additional charge

<table border="1"> <tr><td>Heating power</td><td>kW</td><td>22.5</td></tr> <tr><td>Nominal heating load, max.</td><td>kW</td><td>25</td></tr> <tr><td>Air flow power</td><td>m³/h</td><td>1080</td></tr> <tr><td>Mains voltage supply</td><td>V/Hz</td><td>230/50</td></tr> <tr><td>Fuel</td><td colspan="2">a light heating oil/ diesel</td></tr> <tr><td>Fuel consumption, max.</td><td>kg/h</td><td>2.4</td></tr> <tr><td>Tank capacity</td><td>l</td><td>40</td></tr> <tr><td>Exhaust supports Ø</td><td>mm</td><td>150</td></tr> <tr><td>Dimensions (L x W x H)</td><td>cm</td><td>126.5 x 47 x 68.5</td></tr> <tr><td></td><td>inch</td><td>49.4 x 18.3 x 26.7</td></tr> <tr><td>Weight, ca.</td><td>kg</td><td>68</td></tr> <tr><td></td><td>lbs</td><td>150</td></tr> </table>	Heating power	kW	22.5	Nominal heating load, max.	kW	25	Air flow power	m ³ /h	1080	Mains voltage supply	V/Hz	230/50	Fuel	a light heating oil/ diesel		Fuel consumption, max.	kg/h	2.4	Tank capacity	l	40	Exhaust supports Ø	mm	150	Dimensions (L x W x H)	cm	126.5 x 47 x 68.5		inch	49.4 x 18.3 x 26.7	Weight, ca.	kg	68		lbs	150	Art. no.: 1520028600	
Heating power	kW	22.5																																				
Nominal heating load, max.	kW	25																																				
Air flow power	m ³ /h	1080																																				
Mains voltage supply	V/Hz	230/50																																				
Fuel	a light heating oil/ diesel																																					
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Weight, ca.	kg	68																																				
	lbs	150																																				
Damp room thermostat IP 54 , including 10 m cable and plug	Art. no.: 1520028700																																					
Warm air hose , Ø 305 mm, L: 7000 mm	Art. no.: 1520028800																																					
Exhaust tube , 1 m	Art. no.: 1520028900																																					
Rain cover , Ø 150 mm, for rain protection	Art. no.: 1520029000																																					

Tent heating K 30 T (automatic oil heater) with IP68 plug

<table border="1"> <tr><td>Heating power</td><td>kW</td><td>29</td></tr> <tr><td>Nominal heating load, max.</td><td>kW</td><td>32</td></tr> <tr><td>Air flow rate</td><td>m³/h</td><td>2050</td></tr> <tr><td>Mains voltage supply</td><td>V/Hz</td><td>230/50</td></tr> <tr><td>Fuel</td><td colspan="2">a light heating oil/ diesel</td></tr> <tr><td>Fuel consumption, max.</td><td>kg/h</td><td>2.5</td></tr> <tr><td>Tank capacity</td><td>l</td><td>35</td></tr> <tr><td>Blow out supports Ø</td><td>mm</td><td>2 x 205</td></tr> <tr><td>Dimensions (L x W x H)</td><td>cm</td><td>145 x 68 x 82</td></tr> <tr><td></td><td>inch</td><td>56.5 x 26.5 x 32</td></tr> <tr><td>Weight, ca.</td><td>kg</td><td>85</td></tr> <tr><td></td><td>lbs</td><td>187.5</td></tr> </table>	Heating power	kW	29	Nominal heating load, max.	kW	32	Air flow rate	m ³ /h	2050	Mains voltage supply	V/Hz	230/50	Fuel	a light heating oil/ diesel		Fuel consumption, max.	kg/h	2.5	Tank capacity	l	35	Blow out supports Ø	mm	2 x 205	Dimensions (L x W x H)	cm	145 x 68 x 82		inch	56.5 x 26.5 x 32	Weight, ca.	kg	85		lbs	187.5	Art. no.: 1520017000	
Heating power	kW	29																																				
Nominal heating load, max.	kW	32																																				
Air flow rate	m ³ /h	2050																																				
Mains voltage supply	V/Hz	230/50																																				
Fuel	a light heating oil/ diesel																																					
Fuel consumption, max.	kg/h	2.5																																				
Tank capacity	l	35																																				
Blow out supports Ø	mm	2 x 205																																				
Dimensions (L x W x H)	cm	145 x 68 x 82																																				
	inch	56.5 x 26.5 x 32																																				
Weight, ca.	kg	85																																				
	lbs	187.5																																				
Damp room thermostat IP 54 , including 10 m cable and plug	Art. no.: 1520017300																																					
Warm air hose , Ø 305 mm, L: 7000 mm	Art. no.: 1520017100																																					
Exhaust tube , 1 m	Art. no.: 1520017200																																					
Rain cover , Ø 150 mm, for rain protection	Art. no.: 1520017400																																					

*We recommend ordering the accessories at the same time in order to provide the complete functioning of the tent heating.

	Polarn 4000, for tents up to 17 m ²		Polarn 8000, for tents up to 40 m ²		IP68 plug is available at additional charge
Article number	1520043600		1520043700		 <p>Polarn 4000</p>  <p>Polarn 8000</p>
Heating medium	Air				
Heat flow regulation	Level				
	Power	Small	Big	Small	
Heat flow	4000 Watt	900 Watt	8000 Watt	3500 Watt	
Fuel consumption	0.51 l/h	0.11 l/h	1.05 l/h	0.4 l/h	
Hot air flow rate – without counterpressure	185 kg/h	60 kg/h	310 kg/h		
Electrical power consumption at 12 V in operation	40 Watt	7 Watt	115 Watt		
Electrical power consumption at 12 V start-up	< 100 Watt		330 Watt		
Permissible ambient temperature, in operation	– 40 °C bis + 50 °C – 40 °F to + 122 °F		– 35 °C bis + 60 °C – 31 °F to + 142 °F		
Permissible ambient temperature, without operation	– 40 °C bis + 85 °C – 40 °F to + 185 °F		– 35 °C bis + 60 °C – 31 °F to + 142 °F		
Operating range, Lower voltage limit	approx. 10.5 Volt		approx. 10 Volt		
Operating range, Upper voltage limit	approx. 16 Volt		approx. 14 Volt		
Fuel	Heating oil EL or diesel				
Maximum air intake temperature	+ 40 °C + 104 °F		+ 60 °C + 142 °F		
Dimensions (L x W x H)	36.5 x 22.5 x 46 cm 14.2 x 8.8 x 17.9 inch		--		
Weight, approx.	11 kg 24.3 lbs		26 kg 57.3 lbs		
Scope of delivery	1 Polarn 4000 1 Warm air hose (1,5m) 1 Cable 12V 1 Transport bag Battery is not included.		1 Polarn 8000 1 Warm air hose (1,5m) 1 Exhaust tube90° 1 External temperature sensor 1 Transport bag Fuel canister and battery are not included.		

Air conditioning unit supplied on request.



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As our customer, you will benefit from our international practical knowledge and the intensive transfer of skills and know-how within the corporate group which contributes to the development of sophisticated and high-performing products.



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Owing to the intensive work for fire services throughout the world, **Vetter** was able to create an extensive product range which has become indispensable in many fields of rescue. It is this specialized technical knowledge that puts us in a position of being able to offer our customers the optimally tailored pneumatic solution for different application scenarios.

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- › **Airshore Struts**

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Place your trust in emergency pneumatics!

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Vetter GmbH

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