

# »Hydrus Pro 420(Connector 210-245cm)«

Model No. 12010284200000



Document-No.: FC-90084-1  
Issue: August 2017



# WELCOME

Thank you for purchasing this Westfield Outdoors awning. Please read these instructions for use fully and carefully before using your awning. Please observe the care and safety instructions.

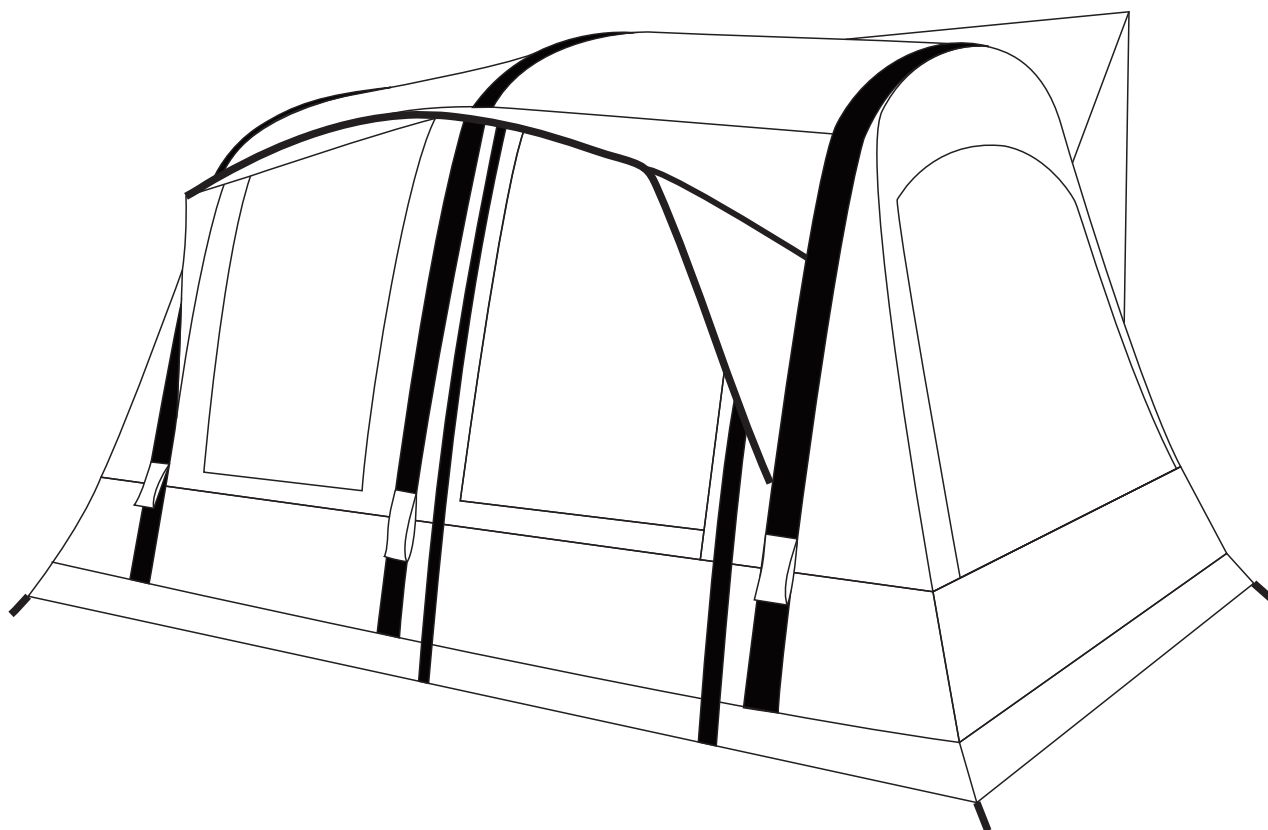
## SUMMARY

ASSEMBLY PARTS LIST	1
GENERAL RECOMMENDATIONS AND USAGE	2
THE AIR TUBES	2
INFLATING/DEFLATING	3
REPLACE A TPU AIR TUBE	4
PITCHING INSTRUCTIONS	5-9
GENERAL CARE AND USAGE INSTRUCTIONS	10



**KEEP THIS MANUAL FOR FUTURE REFERENCE.**

**Model No. 12010284200000**



## ASSEMBLY PARTS LIST



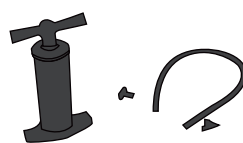
x1

**Carry Bag**



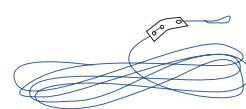
x1

**Flysheet**



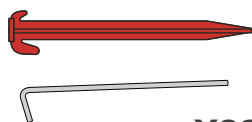
x1

**Pump & Safety Pressure Valve**



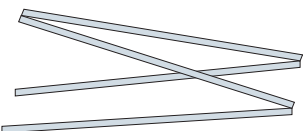
x19

**Guy Rope**



X32/4

**Metal /Plastic Peg**



x1

**Connector Pole**

TPU  
1.Clean repair area thoroughly  
2.Press patch firmly over puncture  
3.Do not inflate for four(4)hours to  
allow repair to set

x2

**TPU Repair Patch**



x21

**Elastic Ring**



x2

**Storm Roof Pole**



X1

**Fiberglass Pole**

## OPTIONAL



x1

**Inner Tent**



1Set

**AAS Air Tube**

## GENERAL RECOMMENDATIONS AND USAGE

- We recommend the use of an additional groundsheet or covering to avoid any damage to your awning whilst fitting it to your caravan, motorhome or vehicle.
- Please familiarize yourself with the awning before you go on your first trip. We recommend a test set-up before your trip.
- Install your awning on a clean and even surface. Remove stones and branches to avoid possible damage to your awning and make a note about the direction and strength of the wind and always try and build your awning up in a wind-protected area.
- Avoid setting up your awning under trees as tree sap and other debris can permanently mark or damage your awning.
- On all coated, non-breathable materials you will always get some condensation. This is when condensed water forms on the coldest surface of the awning which can sometimes be inside the awning. Condensation is often mistaken for leaking and is not a reason for complaint or a fault of the awning.
- This can be lessened by ensuring the awning has adequate ventilation to allow increased air flow and thus reduce the condensation.
- This awning is not built for permanent pitching or commercial use.
- Please avoid any snow load. Air awnings are not built for snow load.
- In the case of strong winds and storms, the awning must be taken down in order to avoid storm damage.
- Never open the zips on any of the air tubes when they are inflated. This can lead to damage to the air tubes and your awning.
- The valves on the air tubes can become loose over time even when not used, so before you inflate your awning you should always check that the valves are tight otherwise they could leak.

## THE AIR TUBES



The air tubes are made of a high-quality, durable TPU material. The TPU tubes are covered by a double layer protective sleeve. The protective sleeve, protects the TPU tube against damage and keeps the tube in position. The outer sleeve adds another layer of protection and fixes the protective sleeve and air tube to the tent, ensuring it is always in the correct position. Both sleeves are provided with a zipper which can only be opened when the air tube is not under pressure. The air tubes are fixed to the bottom floor by using Velcro tape.

### Replacing or repairing the airtubes

The TPU tubes can be replaced or repaired by yourself. To do so follow this procedure:

1. Unscrew the valve from the outer sleeve then unzip the outer sleeve
2. Snip the tie holding the zipper on the protective cover and unzip exposing the TPU tube.
3. The TPU tube is held in place by an elasticated ribbon at the top of the protective sleeve. The TPU is folded over the elasticated ribbon to hold it in place when the tube is deflated.
4. Replace or repair the TPU air tube.
5. If you are repairing the air tube, we recommend using a professional/high quality patch repair kit.
6. When putting the TPU tube back in place, just reverse the process, but remember to secure the zipper on the protective cover to ensure it cannot come undone during use as this can lead to tube and awning damage and is not covered by your warranty.



## ⚠ ATTENTION!

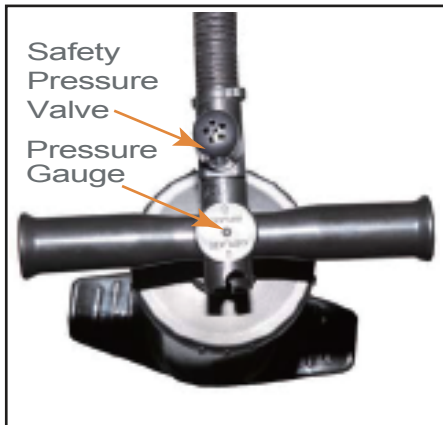


**The zipper of the reinforced Air tube sleeves is secured against opening via the use of a tie. If you remove this tie for any reason, it must be replaced before using the awning again.**

**Never open it when the air tube is under pressure. To avoid damage, the zipper must remain closed. Ensure that the air tubes are properly stored in the sleeves and all zippers are closed.**



## INFLATING/DEFLATING



### Inflation

The included pump is equipped with an overpressure valve. This prevents you from overfilling the air tube. The ideal air pressure is 7 PSI (0.48 bar). To inflate your awning:

- Ensure that the valves on the awning are screwed in correctly.
- NOTE: Please take care when screwing the valves in that you do not kink the valve seals when screwing them together as this can lead to damaging the valve.
- The valves on the awning should be out
- Connect the overpressure valve to the pump and check that the pump is set to inflate.
- Open the screw cap of the valve on the awning and connect the pump to the valve.
- Inflate the awning using the pump until either the correct pressure is reached or you hear the air coming out of the overpressure valve.
- NOTE: Do not use compressed air compressors, as these may have a far higher operating pressure and can permanently damage the TPU air tubes.



### Deflation

To deflate the air tube, carefully unscrew the valves out of the air tubes. Please be aware that the air will rush out very quickly so unscrew the valve slowly to help release the pressure slowly.

To help with packing the awning away, the valves should be left out as this allows any trapped air to escape when the awning is packed away.



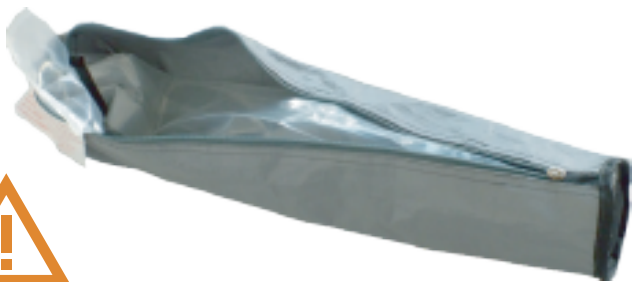
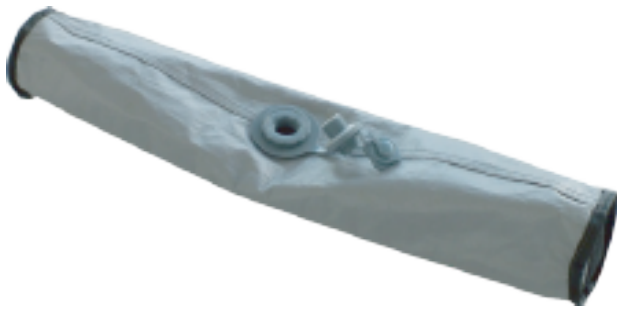
## REPLACING A TPU AIR TUBE

### Replacing or Repairing an Air Tube

Deflate the air tube fully. NEVER replace or repair a tube before deflating it fully.

Break the plastic ties on the sleeve of the air tube and unzip the sleeve. Then remove the protective cover and air tube from inside the sleeve. Break the plastic ties on the protective cover and unzip the protective cover. Remove the TPU bladder from inside the protection cover.

Now simply replace the tube, place inside the protective cover being careful to ensure that it is not twisted as a twist in the bladder could cause damage when it is inflated. Once the tube has been fitted zip the protective cover shut. **YOU MUST THEN RELOCK THE ZIPS WITH NEW PLASTIC TIE OR SIMILAR SOLUTION.** If you do not relock the zips then you could well cause damage to your awning when it is inflated.



## PITCHING INSTRUCTIONS

### 1 Unpacking



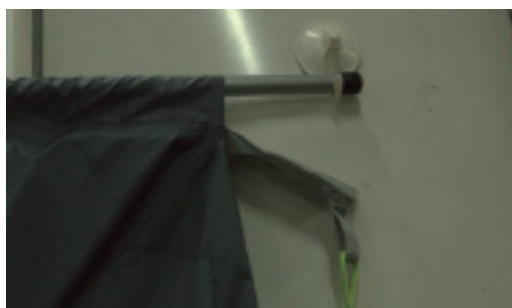
- Unpack the awning and unfold so the groundsheet is on the bottom and the flysheet is on the top.

1

### 2 Connecting tunnel to vehicle



Using the beading



Using the pole

**Next you connect the tunnel to your vehicle.**

You have four different options for connecting the tunnel to your vehicle:

1. **‘Over the Top’** : Take one of the extra long guy lines attached to the top corner of the tunnel and throw this over the top of your van.

**TIP:** If you have a high van attach the guy line to something like a tennis ball which makes it easier to throw over the roof of your van. Then repeat with the other top corner. Pull the tunnel up to the top of your vehicle until the tunnel just sits on the top of your vehicle. It should not sit right on top of your roof, just enough to hold the tunnel to the top/side of your vehicle. Peg the two guy lines on the opposite side of your vehicle.

## PITCHING INSTRUCTIONS

2. **'Using the beading'** : If your vehicle has awning channel on you can use the beading sewn into the top edge of the tunnel. Our tunnel comes with two different sizes, 6mm and 4mm beading. This is to ensure that the beading can be used with the vast majority of different channels. Use the appropriate beading for your channel remembering that the closer the fit the more rain resistant it is. Slide the tunnel to the desired location on your vehicle.

3. **'Using your Wind Out Canopy'** : If you have a roll out canopy/awning on your vehicle you can use this to connect to. First unwind your canopy from your van. You will find that there is a standard awning channel along the front of the canopy. Slide one of the awning beading along the top edge of the tunnel into this channel. Once the tunnel is in the desired location, wind your canopy back away and this will pull the tunnel into position against the side of your vehicle.

4. **'Using the pole'**: You can also use the included pole and your suction hooks(not supplied) to attach the tunnel to the side of your van. First slide the pole into the sleeve along the top edge of the tunnel. Then using your suction hooks attach the hooks to the pole and sucker them to your vehicle. You may find that the pole in the sleeve can be placed into the guttering of your vehicle and clipped (clips not supplied) into place. Either way is acceptable.

- Once you have connected your tunnel to your vehicle you can tension the tunnel and peg the awning.
- First peg the two bottom rear corners of the tunnel just underneath your vehicle pulling the tunnel against the side of your vehicle.
- Next move the awning away from your vehicle until the roof of the tunnel becomes tensioned.
- Once the tunnel roof is tensioned peg the rest of the tunnel.
- Once pegged the excess material can be held in place by adjusting the straps on the corners of the tunnel.

# 2

## 3 Pumping



- You are ready to inflate your awning.
- Before you inflate your awning make sure you have read and understood the pump and inflation section of these instructions. You must follow these instructions to ensure proper inflation of your awning.
- Inflate your awning using the pump supplied ensuring the safety pressure valve is connected to the pump at all times.
- Pump each air tube(s) in turn, until all have been pumped up and sprung into place.

# 3



### 4 Pegging your awning



- We recommend that you peg all pegging points and guy ropes as you can never be sure of changes to the weather.
- Peg one corner of the awning into the ground and then move around to each corner in turn pulling and stretching the awning away from the pegged corner to ensure that the groundsheet is fully tensioned and pulled tight.
- Insert the fiberglass pole for the front canopy to the fly sheet
- Open all covered vents to help ensure the best ventilation possible.
- If the weather is not bad then we would also recommend opening the vented windows to give you the very best ventilation possible, but this is optional.
- Once pitched and pegged the awning should be tight and without too many wrinkles (some wrinkles are unavoidable due to ground conditions) as shown in the diagram above.

## PITCHING INSTRUCTIONS

### 5 Adding pole



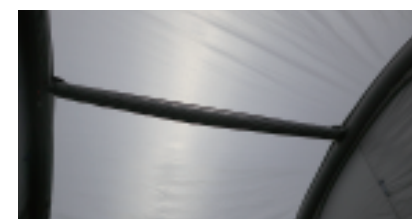
#### Storm Roof Pole

- Assemble the storm roof pole(x2) as shown in the diagrams above.
- Insert the pole into its pocket and extend into the opposite pocket.
- Do not over tension the pole.

5

## PITCHING INSTRUCTIONS (OPTIONAL)

### O1



Assemble the AAS air tubes as shown in the diagrams above.

Install the sleeves and zip up as shown in the diagrams above.

OPTIONAL

1

### O2 Adding inner tent



#### Inner Tent

- This should only be done once the awning has been pitched and pegged.
- Take the inner tent out of its bag and lay it on the ground inside the awning.
- Attach each of the colour coded toggled straps to their corresponding o-rings in the roof of the awning (for example connect the toggle on the red strap is attached to the o-ring on the red strap in the roof of the awning).
- Clip each bottom corner of the inner tent to the o-ring located on the groundsheet.

OPTIONAL

2

## GENERAL CARE AND USAGE INSTRUCTIONS

### Canvas Seams

The main seams of this awning are taped to ensure water protection. These can become damaged over time but can be repaired and re-sealed by using seam sealer. For the best results, we recommend contacting your dealer to find out which products to use.

### UV degradation

UV degradation causes the material to go brittle, fade or change colour. The time it takes to do this will differ depending upon how often you use it and what the weather is like when you do. It is a natural process which affects all materials used outdoors. This awning is coated to help prevent this process, but it does not stop it, it only helps slow it down. You can help protect against this degradation by regular care and proofing of the awning. The awning should be regularly cleaned and re-proofed to ensure that mold and mildew do not build up and damage the awning.

After cleaning your awning, you should always reproof the awning as cleaning the awning will damage the UV coating on the material. For the best results, we recommend contacting your dealer to find out which products to use.

Weathering due to excessive UV degradation is not covered by the warranty.

### Condensation

All coated, non-breathing materials suffer from condensation. The amount of condensation depends upon the weather conditions and the environment (such as wet ground etc.). During condensation, water can collect on the fabric of the awning. If enough condensation forms this can run down the awning and drip off seams or any other stitching point.

It can be lessened by ventilation. Ventilating your awning allows air to flow through the awning and lessens the buildup of condensation.

Condensation is often mistaken for leaking and is not a reason for complaint or a fault of the awning.

### Usage

This awning is designed for private and non-commercial use.

This is a touring awning and is not suitable for permanent use.

In case of storms or snowfall, the awning must be taken down to avoid damage.

### Storage and cleaning

Please store your awning dry. If you must take your awning down when it is wet, you must unpack it within a week and allow it to dry out before packing it away. This is to ensure that mold and mildew do not build up as this can lead to damage on your awning and is not covered under your warranty.

To clean this awning, we recommend using a specific tent or awning cleaner or just water and a soft cleaning cloth. Heavy soiling should be allowed to dry and brushed with a soft brush beforehand.

After cleaning your awning, you should always reproof it as the UV coating on your awning could be damaged during cleaning. For the best results, we recommend contacting your dealer to find out which products to use.

## FIRE AND VENTILATION PRECAUTIONS

Caution:

- If using gas or other combustion appliances additional ventilation is required
- Do not place hot appliances near the walls, roof or curtains
- Always observe the safety instructions for these appliances
- Never allow children to play near hot appliances
- Keep exits clear
- Make sure you know the fire precaution arrangements on the site
- Make sure ventilation openings are open all the time to avoid suffocation

**Westfield Outdoors GmbH**

Siemesdyk 60  
47807 Krefeld  
Germany

Drawings in this manual are for illustration purposes only, actual product may vary. Manufacturer reserves the right to change any specification or features without prior notice. Should you have any questions about your product or experience any difficulties, please contact the retailer from which you purchased the product. Your local retailer is in the best position to promptly address any requirements.