instructions for use
h/p/cosmos airwalk®

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Distributed by

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EC REP

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This manual contains the operating instructions as well as the service requirements for the pneumatic unweighting system h/p/cosmos airwalk with single-point mounting. The manual is designed for clinical use. It is expected that the clinicians will instruct their patients and clients in the proper use of the system and its accessories.

Please read the manual carefully, noting the safety requirements, before using the h/p/cosmos airwalk.

Optional design:

Since the manufacturing year 2014 optionally some airwalk models are available also in different design with oblique pillar shape for better access for the therapist to the patient. Ask sales@h-p-cosmos.com for more details.

standard design

oblique design

Safety Regulations

A Liability notice

- Failure to follow the conditions set forth below shall absolve h/p/cosmos from any responsibility for the safety, reliability, and performance of this equipment.
- Each operator must read the operator manual in full before using- the product for the first time.
- Each independent user must be instructed in the proper use of the system and its accessories.
- The electrical wiring within the system's settings, and the electrical installation of the compressor if used must comply with the applicable local or provincial requirements.
- The equipment must be used in accordance with the instructions for use.

B Safety requirements / hazard note

- Read this manual in full before using the h/p/cosmos airwalk.
- Do not start the h/p/cosmos airwalk until you are sure the vest is properly secured.
- Do not operate this equipment in the presence of flammable anesthetic mixtures.
- To avoid potential safety problems, use original h/p/cosmos parts and accessories that meet specifications given in this manual only.
- The compressor must be on an appropriate electrical circuit. Read the manual supplied by the compressor manufacturer before using the compressor with h/p/cosmos airwalk.
- Before each use, inspect the air tubing for damage, pinched areas, and leaks. Inspect the power receptacle for damage. Do not use if the integrity of these items is questionable.
- Check each cable for any rough spots or signs of fraying. With everyday use of the h/p/cosmos airwalk unweighting system, we are recommending a weekly inspection of cables, particularly in the area over the rollers, for signs of fraying.
- Check all rollers for any wear on groves.

Description and use

The h/p/cosmos airwalk is a pneumatic unweighting system with single-point mounting. The system lifts, or “unweights, “ the user, reducing the amount of weight placed on the body during exercising.

The h/p/cosmos airwalk can be used with most types of exercise equipment, including, but not limited to: treadmills, steppers and elliptical trainers. The subject is enabled to exercise in upright position, after a surgery to start more quickly with a therapy and to do exercises that would not be possible without h/p/cosmos airwalk. As the user becomes stronger and can tolerate additional stress on the body, the weight can be adjusted to make he body do more work.

The system supports therapists and trainers, among other things ...

- with obese patients
- with patients with orthopaedic problems
- at a gentle movement therapy during rehabilitation
- at gait analysis and therapy
- to secure insecure patients

A Components

The h/p/cosmos airwalk components include a frame with pneumatic controls and unweighting bar, and an exercise vest. Each comes with:

- Installation hardware
- Operator/service manual
- h/p/cosmos airwalk vest

B Control

B1 Air compressor

The air compressor provides the unweighting power for the automatic systems h/p/cosmos airwalk 50 and h/p/cosmos airwalk 90. Before using refer to the manual provided by the manufacturer of the compressor for all operating and service information.

B2 h/p/cosmos airwalk pneu- automatic control panel

At the models h/p/cosmos airwalk 50 and h/p/cosmos airwalk 90, the control panel is located on the upright at the right hand side. It has a pneumatic cylinder, an unweighting pressure gauge and three controls.

Gauge/control	Function
Unweighting pressure gauge	Indicates the number of pounds/kilograms the system is unweighting.
Unweighting knob (Unweighting)	Increases or decreases gradually the amount of unweighting lift.
Select mode switch	Provides choices of Exercise or Balance mode.

B3 Exercise mode

The Exercise mode allows the user to perform long vertical movements, such as jumping and stair climbing, with consistent unweighting over the full range of movement.

All unweighting adjustments are done in Exercise mode.

B4 Balance mode

Balance mode allows the user to perform exercises involving less vertical movement, such as walking, running, or balance activities, without fear of falling. The system supports the entire body weight during loss of balance, allowing a fall of no more than six to twelve centimetre. Balance mode frees the assistant to use both hands while assisting the user.

B5 h/p/cosmos airwalk 35 manual hand pump

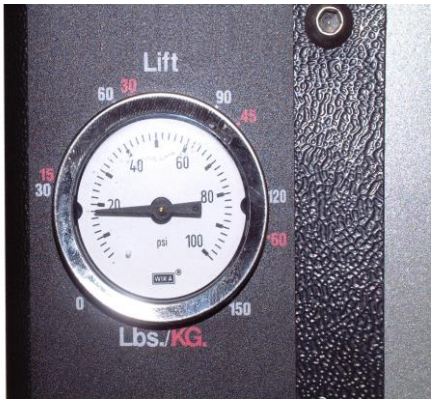
At the model h/p/cosmos airwalk 35 the hand pump is located on the upright. It has an Unweighting pressure gauge, a rotating dial control and a hand pump handle.

B6 h/p/cosmos airwalk vest

The correctly adjustable and comfortably to wear h/p/cosmos airwalk vest is the key to successful unweighting. When choosing a vest, select one that corresponds to the user's waist size, not to the chest size. The vests are color-coded. (See chapter h/p/cosmos airwalk vest).

B7 Using the vest with pneu-automatic

At the models h/p/cosmos airwalk 50 and h/p/cosmos airwalk 90 first turn on the air compressor alternatively open the compressed-air supply. Refer to the compressor manual for compressor operating instructions. Fit the vest correctly to the subject as previously described and connect the vest securely to the unweighting bar. Turn the Select Mode knob to Exercise. Pull out the unweighting knob and gradually turn it to the right until the unweighting gauge shows the desired lift. Have the person move up and down a little and confirm that the gauge is at the desired setting.



For activity with more vertical motion leave the Select Mode knob at Exercise mode. For activity with less than 15.2 cm vertical motion turn the knop to Balance mode. This prevents the subject from falling over. For activity with more vertical motion, leave the Select Mode knob in Exercise. For activity with less than 15.2 cm vertical motion, set the Select Mode knob Balance. This protects the subject from falling.

B8 Using the h/p/cosmos airwalk 35

Fit the vest correctly to the subject as previously described and connect the vest securely to the Unweighting bar. Turn the dial on the hand pump-to-pump mode. Activate pump to remove desired amount of weight. Once desired weight is reached turn pump to hold mode. Once exercise is finished turn pump to release. Disconnect the person from the system and remove the vest.

Installation

A Components h/p/cosmos airwalk 50 and h/p/cosmos airwalk 90

- Operating guidelines
- 2 Bases
- 2 Upright post, one with control panel, pneumatic cylinder and pull rope
- Crossbar with deflection rollers
- 2 Cross-beams to stabilize the bases
- Wood plate with two countersank ducts for cross-beams (option)
- 16 Socket screws, 2 washers large and 2 washers small, 2 karabiners
- Air hose, 5 m
- Vest

B Components h/p/cosmos airwalk 35

- Operating guidelines
- 2 Bases
- 2 Upright posts, one with control panel, pneumatic cylinder, hand pump and pull rope
- Crossbar with deflection rollers
- 2 Cross-beams to stabilize the bases
- Wood plate with two countersank ducts for cross-beams (option)
- 16 Socket screws, 2 large washers and 2 small washers, 2 karabiners
- Vest

C Unpacking

Tools required: Sharp knife

- Cut all tape and remove corrugated and plastic wrapping. Do not remove the plastic surrounding the air cylinder inside the upright.
- Remove the operator/service manual, air hose, and vest.
- The unweighting bar and the air hose are tucked inside the uprights for safety during shipping.

D Requirements

D1 Electrical requirements

The compressor requires an appropriate AC line. Refer to the manual supplied by the compressor manufacturer for electrical requirements.

D2 Ceiling height

Before assembling, determine how high to make the system. The series of holes in the bases provides 4 height options, progressively changing by 7.6 cm (3 inches). The total height on a dual system can be set to any of the following:

2.41 m (7 ft 10 in) – Upright posts fully inserted into base, bottom holes
2.49 m (8 ft 1 in)
2.57 m (8 ft 4 in)
2.64 m (8 ft 7 in)

For installation, the ceiling height should be at least 2.5 cm (1 inch) higher than the final system height.

When determining the desired height consider the following: At minimum height (uprights fully inserted into the base), the system accommodates users up to 1.93m (6 ft 4 in) tall.

Solutions if the ceiling height is to low:
If the ceiling is a drop ceiling, can the tiles be removed, the system installed above the suspended ceiling, and the tiles replaced? If it is a sheet rock ceiling, can you cut the sheet rock and frame in the area above for more clearance?

D3 Using exercise devices

The type of exercise equipment used under the system affects the required height. For example, if you are using a treadmill whose walking surface is 16 cm (6 inches) from the floor, you should add 16 cm (6 inches) to the frame height. A possible use of elevation has to be considered.

E Assembly

E1 Assembling the h/p/cosmos airwalk

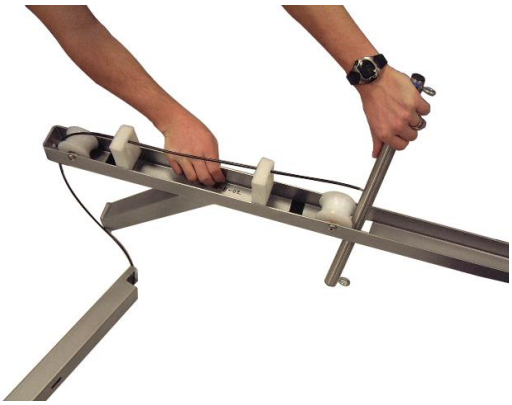
Tools required: Hex Key (provided)
Air line “T“ plus 40’ Hose (provided)

- Place the bases facing the same direction, with the open face to assembly the upright posts to the body. The at the bases asolpe fitted bearer facing to the front. First attach the upright post with the control panel to the inside of the base. Tighten the two socket screws, inside and outside, only slightly. The upright post shall still be movable to turn it up later.

- Both uprights are to be mounted in such way, that standig parallel to each other the angles at the upper end face inwards. At the upper end of the upright with the control panel the pull rope with the unweighting bar comes out of the inside of the post, where it is connected to the pneumatic cylinder.

- Now the crossbar is to be mounted. Therefore the pull rope, located at the upright, has to be lead through the outer opening at the crossbar. The two foam guidances have to be lead through the same hole.

- Again lead the unweighting bar through the hole in the middle of the crossbar. Fix the foam guidances of the pull rope at the provided places at the inside of the crossbar with the allready fixed velcro-straps. The pull rope has to glide easily over the deflection or guidance rollers.



- Now the crossbar can be fixed to the uprights. Insert the cut-out at the upper end of the upright into the crossbar untill the holes and windings for the socket screws are congruent. The pull rope has to stay in the guidance.

Fasten the crossbar to the two uprights with two screws each. One winding is located at the upper end of the upright at the angle. The other screw is to fasten the aslope running square pipe of the crossbar that offers additional stability. Insert this screw carefully through the inside of the upright to the winding of the square pipe.

- Screw the two cross-beams in between the bases to stabilize them.

- Fasten the cross-beams to the ground to secure stableness of the h/p/cosmos airwalk.

- If fasten to the ground is not possible, h/p/cosmos offers a wood plate for additional stabilization. To countersink the cross-beams two cut-outs are located in it. The side with the farthest distance to the cut-out is the front. This means later on the front of the running machine is standing there.

Place the wood plate with the cut-outs downwards between the bases at the cross-beams.

- Before erecting the h/p/cosmos position the connection for the air hose correctly (only at h/p/cosmos airwalk 50 and h/p/cosmos airwalk 90). Bring the connection, that is placed at the inside of the upright, upwards into the existing hole. Afterwards screw the hose with a screwer size 19.

- To erect the h/p/cosmos airwalk lift the system at the crossbar. The cut-outs bring the uprights into the correct positions at the bases.

- Now tighten the cross-beams to the two bases. The total height of the h/p/cosmos airwalk is adjustable in three steps.

E2 Connecting the air compressor

h/p/cosmos airwalk 50 and h/p/cosmos airwalk 90 need a compressed-air connection or air compressor to function. Read the instructions supplied by the manufacturer of the air compressor before using the compressor.

- Connecting the air hose coming from the upright post to the air compressor.
- Switch on air compressor, open valve by pulling upwards. Refer to the compressor manual for further operating instructions.
- Check for air leaks and tighten fittings if necessary.

If you find a hole in any point of the airline, you must replace the line. Tape will not hold during operation of the high-pressure system.

E3 To route the air hose from the bottom

- Locate the hose at the bottom of the upright. Remove the plastic wrapping the pull out the hose connector.
- Connect the air hose to the fitting, replace the nut and tighten securely.
- Go to Final Assembly.

E4 To route the air hose from the header

- Remove the screws that hold the control panel to the upright and move the control panel to the side.
- Disconnect the clear air hose from the regulator valve on the control panel, then reposition the valve to face upward.
- Remove the air hose from the upright.
- Remove one nut from the air fitting supplied with the system and insert the fitting into the hole at the top of the upright. Replace the nut to secure the fitting to the upright.
- Feed the air hose through the top of the upright down to the regulator valve. Attach the hose securely to the valve.
- Measure the length of air hose needed to fit straight from the valve to the fitting and cut the hose to fit. Connect the air hose securely to the fitting. There should be no slack in the hose.
- Replace the control panel.
- Go to Final Assembly.

h/p/cosmos airwalk vests

A Putting on the vest

Note:
Before putting the h/p/cosmos airwalk vest on, make sure the patient is wearing appropriate clothing. Loose fitting and slick clothing will tend to allow vest to ride up.

When putting on the vest, remember that a tight fit provides greater support and feels more comfortable when unweighted. Avoid pressure under the arms and around the legs. The vest must support the person from the waist, not from the arms, ribs or hips. Always fasten the straps in the order given in these instructions. In the following steps the terms left and right refer to the left and right of the person wearing the vest. All straps should be fully extended and adjusted later to fit.

A1 Sizes

Size	Waist size	Color code	Order number
Small	56 to 81 cm (<22 to 32")	red	cos10095
Medium	81 to 112 cm (32 to 44")	blue	cos10096-01
Large	112 to 140 cm (44 to 55")	yellow	cos10097-01

A2 Adjust chest straps

Put the left side of the cross over chest strap through the d-ring on the inside right of the belt, pull back and attach to the velcro. Pull the right side of the cross over chest strap tightly over to the right, through the d-ring and press down securely on the velcro. The shoulder straps will remain loose until connected to the unweighting bar.




The cross over chest strap is a positioning strap: it will fit differently on different body types. It should be tight enough to hold the chest in place while strapping the waist, but not tight enough to restrict breathing. You may need to make several adjustments to position the strap correctly for each person: with women, for example, the strap should be just below the breast because Unweighting will raise the vest up so that the four-way stretch fabric will protect and support the bust. Make sure that the back D-ring is at the center back in alignment with the spine.


A3 Buckle waist

Buckle up both buckles. Tighten up the top buckle by pulling first on one side of the adjusting strap and then the other, keeping the buckle centered. Tighten up the second buckle using the same method. You may have to reposition the cross over strap and the first buckle to get a snug fit. Do not tighten enough to restrict breathing**.** Make sure that the back D-ring is at the center back in alignment with the spine.

Note:
The small (red) vest has only one waistband buckle, the medium (blue) and the large (yellow) have two.

A4 Leg cuff

Leg straps should be all the way out. Each leg strap has a long front strap that attaches to the two adjustable buckles. On the vest fronts set the strap to the inside buckles for a small person and to the outside buckles for a larger person. The front strap should be centered from the waistband through the cuff, with the strap on the cuff in the center front of the thigh. The bottom of the leg cuff is set approximately 5 cm above the patella (knee). While holding the cuff in place (just above the knee), wrap the cuff and strap behind the leg then between the legs keeping the cuff taut. Pull on the strap to tighten comfortably. Press down on the velcro to secure the strap. Repeat the procedure for the right leg.

A5 Adjust leg straps

The back leg strap should be in a W position. Tighten the back leg straps by alternately pulling down on the adjustment straps attached to the side buckles. Do not tighten so much as to impede the normal leg action. The front leg straps are adjusted by pulling down on the buckle straps. It is not necessary to have the front straps snug. If the leg cuff rides up too much, reposition and retighten the cuff. Try to keep the front strap in the center of the thigh.

On the back of the vest are two elastic velcro straps. These straps are used for gait control adjustments and do not need to be attached in order for the vest to be used for unweighting purposes.

B Attaching the vest to the unweighting bar

Each shoulder strap at the vest has a D-ring that attaches with karabiners to the unweighting bar. Adjust the upright posture of the patient by moving the D-ring back or forth on the straps. With this individual adjustment the patient can be prevented of falling over to the front or the back. Open the velcro strap underneath the D-ring and adjust it. by moving forth or back. Close the velcro.

For more flexion, slide the D-ring backwards and fasten.

For more extention, slide the D-ring forward and fasten.

Before unweighting anyone, be sure the waist belt is snug and that the safety snaps are closed completely.

The most important thing is, that the patient is feeling comfortable. Be sure that the vest is not wedged into the underarms and that it does not restrict breathing. Be sure that the leg straps are not tight enough to restrict circulation in the legs. Readjust the vest and single straps as necessary.

B1 Correcting vest problems

If the vest rides up under the arms, reweight and pull the vest down. Have the person tighten the abdominal muscles, then retighten the waist straps and leg straps. If the chest strap is too tight during exercising, it has to be loosened. If the leg cuffs ride up, the cuff has to be fixed due to placing the front leg strap in the center of the thigh.

C Velcro-gait control straps

The innovative gait control straps are found on the back of the h/p/cosmos airwalk vest. These elastic velcro straps offer gait enhancement abilities never before obtained with traditional treatment. Helping to control internal/external foot rotation, stride length and hip rotation are just a few of the capabilities of the p/cosmos airwalk vest.

Some problems during the starting adjustments and some problems with the gait-belt are the internal or external foot rotation or an excessive stride length.

C1 Internal foot rotation, excessive stride length

The gait straps are attached to the plastic slides straight down and velcroed to the back of the leg cuff. This helps to bring the foot into the proper position for correct stride.

C2 External foot rotation

The gait straps are velcroed to the front of the vest across the buttock, onto the top of the opposite thigh and attached to the leg cuff.

This helps to correct the external rotation of the foot/hip. The gait control straps are also used in the rehabilitation of stroke and patients with Neuro muscular problems. They can be used to increase the stride length.

D Putting on the h/p/cosmos airwalk vest for wheelchair patients

- Put the left side of the cross over chest strap through the d-ring on the inside right of the belt, pull back and attach to the velcro. Pull the right side of the cross over chest strap tightly over to the right, through the D-ring and press down securely on the velcro.
- While holding the cuff in place (just above the knee), wrap the cuff and strap behind the leg then between the legs keeping the cuff taut. Pull on the strap to tighten comfortably. Press down on the velcro to secure the strap. Repeat the procedure for the right leg. The front strap on the cuff should be centered on the thigh.
- Buckle up both buckles. Tighten up the top buckle by pulling first on one side of the adjusting strap and then the other, keeping the buckle centered. Next tighten up the second buckle using the same method. You may have to reposition the cross over strap and the first buckle to get a snug tight fit. Do not tighten enough to restrict breathing. Make sure that the back D-ring is at the center back in alignment with the spine.

Reposition leg straps if necessary after waist has been strapped. The shoulder straps will remain loose until connected to the unweighting bar.

When strapping the waist area, fit the vest as tightly and as low as possible (have the person lift the shoulders if able.)

The patient is now ready to be Unweighted. Before Unweighting anyone, be sure the waist belt is snug and that the safety snaps are closed completely.

- Place the wheelchair under the h/p/cosmos airwalk. For treadmills, you may need to use a ramp to place the person under the system.
- Pull the bar down and connect the extension with the karabiners to the unweighting bar.
- Unweight the person from the chair and remove the chair. Adjust the extension as needed.

Most of the comfort problems encountered during unweighting are the results of improper adjustment of the vest.

Maintenance and Troubleshooting

A Cleaning

Use a soft cloth rinsed in warm water to clean the exterior surfaces. When needed, machine-wash the vest on gentle cycle using regular detergent and cold water. Hang to dry. Never use a dryer.

A1 Disinfection

Use procedures established for your facility. The vest can be washed with a mixture of water and disinfectant such as Lysol or equivalent. Do not use bleach on the vest—the color will fade.

B Scheduled service

For the sustainment of the fully operational condition of the device, repeated inspections and technical safety check-ups have to be conducted.

The unweighting system h/p/cosmos airwalk has a compulsory check-up deadline of 6 months. The prescribed inspections, technical safety check-ups and preventive maintenance are included in the h/p/cosmos maintenance contract. Servicing and check-ups on the h/p/cosmos airwalk must only be conducted by a service technician authorized by h/p/cosmos.

Following services have to be conducted within the scope of a maintenance service:

- General test of operation
- Replacement of unweighting rope with crossbar
- Inspection of all mechanical parts (pulleys, switches, regulator, floor fixations, upright bars)
- Inspection of all compressed-air hoses, connections, supply hoses
- Inspection of vests, suspension and carabiner
- Inspection of safety precautions
- Servicing of compressor according to manual (cleaning, oil check, condensation water, suction filter, check valve)
- Technical safety check-up of compressor according to DIN VDE 0701 with assignation of a check-up test-badge

C Preventive maintenance

The compressed-air hose, the compressed-air accessories and the compressor have to be checked regularly for any leakages. The unweighting bar and the rope have to be checked on a weekly basis for wear and tear. At the slightest signs of wear or tear the device has to be put out of order immediately, respective parts have to be replaced right away. In this case please contact your h/p/cosmos service.

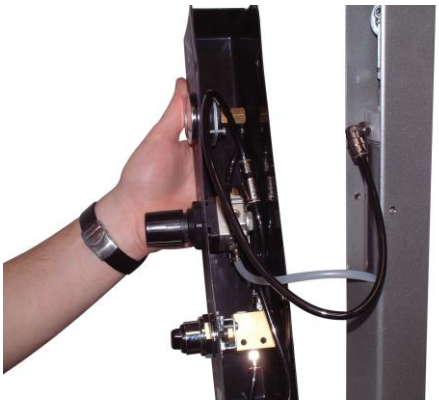
C1 Air compressor

For compressor maintenance and service information, refer to the manual supplied by the compressor manufacturer.

C2 Replacing the control panel

Use the procedure below to install a replacement control panel.

- Turn off the compressor.
- Remove the screws that attach the control panel to the upright. Refer to the illustration following for the remaining steps.
- Locate the *Select Mode* switch on the back of the control panel. Fully depress the plastic collar on the top of the *Select Mode* switch fitting and remove the black hose that goes from the switch to the pneumatic cylinder.
- Remove the clear air hose from the regulator fitting of the old control panel.
- Slide the clear hose into the regulator fitting of the new control panel and push until it is secure.
- Slide the black hose from the pneumatic cylinder securely into the fitting on the top of the *Select Mode* switch.
- Turn the compressor on to 50 psi and pressurize the system to check for leaks.
- Replace the screws and tighten to secure the panel to the upright



C3 Replacing the hand pump

Extreme care must be taken when connecting the hose cap and hose to the replacement pump. Read the instructions through first, before actually performing the steps. Follow the directions exactly as described, for best results.

- With a sharp knife, cut the hose as close as possible to the hose cap.
- Grasp the replacement pump with your palm over the gage housing and fingers over the backside as shown.
- Unscrew the hose cap and gently set the pump down - making absolutely certain that the gauge housing stays seated in the pump.
- Slide the hose cap about 2 cm (1 inch) down the end of the hose.
- Again firmly grasp the pump. Make sure you have your palm over the gauge housing.
- Slide the end of the hose over the pump-barbed end while firmly grasping the gauge housing. Push the hose on as far as it will go.

-
- Continue to grasp the pump with your palm over the gauge housing. Push the hose cap over the hose attached to the pump. Screw the hose cap firmly in place with finger pressure only.

C4 Replacing a damaged air hose

To replace an air hose between the regulator and external fitting:

- Disconnect the hose from the air fitting on the bottom or top of the upright.
- Remove the control panel.
- Pull out the old hose from the bottom of the assembly and discard.

If the fitting is at the top of the upright – Feed the air hose through the top of the upright down to the regulator valve. Attach the hose securely to the valve. Measure the length of air hose needed to fit straight from the valve to the fitting and cut the hose to fit. Connect the air hose securely to the fitting. There should be no slack in the hose.

If the fitting is on the bottom of the upright – Feed the air hose down from the control panel to the bottom of the upright. This may require disassembling the system so that you can feed the hose beyond the plastic packing surrounding the cylinder. Attach one end of the air hose to the regulator on the control panel and the other end to the air fitting on the bottom of the upright.

- Replacing the Unweighting Bar and Cable
- Replace the Unweighting bar or cable if it appears frayed or worn.
- Remove the control panel.
- Pull the cotter pin and the clevis pin from the top of the pneumatic cylinder.
- Remove the cable by pulling it out from the top of the upright.
- Install the new cable down from the top of the upright.
- Reinstall the clevis pin and the cotter pin.
- Replace the control panel.

C5 Replacing the pneumatic cylinder

If you have replaced the control panel and the system still leaks air while in *Balance* mode, you may need to replace the pneumatic cylinder. A leak from the cylinder will be very gradual, with no discernible noise.

- Dismantle the entire system and lay the uprights flat on the floor.
- Remove the control panel.
- Remove the cotter pin and the clevis pin from the pneumatic cylinder.
- Disconnect the cable from the cylinder.
- Use the hex key to remove the two bolts near the base that holds the cylinder to the upright.
- Tilt the upright the pneumatic cylinder will come out with it.
- Insert a new pneumatic cylinder, attaching it to the cable and reattaching the clevis and cotter pins.
- Replace the two bolts removed previously.
- Replace the control panel.
- Reassemble the system following the installation instructions.

D Troubleshooting

Problem	Possible Cause	Solution
System will not unweight	System leak	Check for leaks. Replace as necessary
	Compressor not set to correct psi	Set compressor to 70 psi
	Kinked hose	Check hoses for kinks
System unweights only partway	Subject weights more than 90 kg (200 lbs)	Increase the compressor setting to 120 psi. The maximum lift is 100 kg (220 lbs)
Installed new control panel, but system still leaks in Balance mode	Fittings are leaking	Reseat or replace the fittings
	Pneumatic cylinder faulty	Replace the pneumatic cylinder
In Exercise mode, Unweighting bar will not retract	Air compressor disconnect or leaking	Check connections and air hose
Installed new control panel, but system does not work	Wrong psi	Check compressor setting
	Hoses not connected or connected incorrectly	Check hoses inside control panel. Be sure they are connected securely to the proper fitting.

Spcecifications

Model	Weight	Shipping Weight	max. dynamic unweighting
h/p/cosmos airwalk 50	47 kg (105 lbs)	48 kg (106 lbs)	50 kg (110 lbs)
h/p/cosmos airwalk 90	64 kg (142 lbs)	65 kg (143 lbs)	90 kg (198 lbs)

The following specifications apply to all models.

max. subject weight / capacity	100 kg (220 lbs)
Operating Modes; Excercise; Balance	0 - 76 cm (0 – 30")
Floor Space (B x L)	107 cm x 127 cm (42" x 50")
Height O.D.	adjustable 239 cm to 262 cm (7 ft 10" to 8 ft 7")
Air Hose OD./I.D.	0.25/0/17
Compressor air fitting	¼ MPT
Compressor power requirements	Refer to compressor manual supplied by compressor manufacturer.

Optional design:

Since the manufacturing year 2014 optionally some airwalk models are available also in different design with oblique pillar shape for better access for the therapist to the patient. Ask sales@h-p-cosmos.com for more details.

standard design

oblique design

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