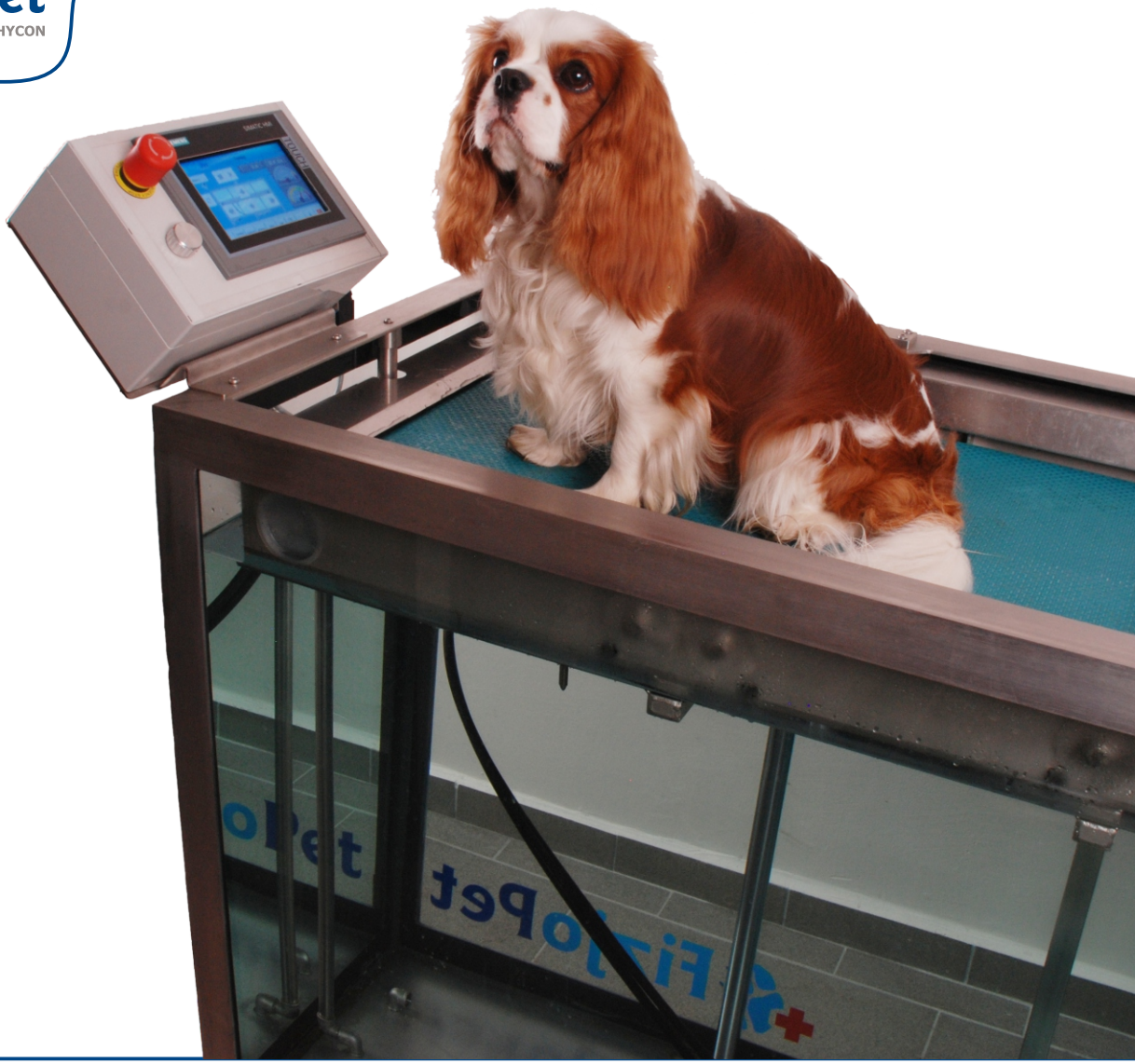
Fizjo Pet
GRUPA HYCON



WATER TREADMILL FOR ANIMAL REHABILITATION

FIZJOPET

FIZJOPET water treadmill is an exceptional and fully professional innovative medicinal product for underwater rehabilitation. FIZJOPET treadmills were designed and created in Poland.

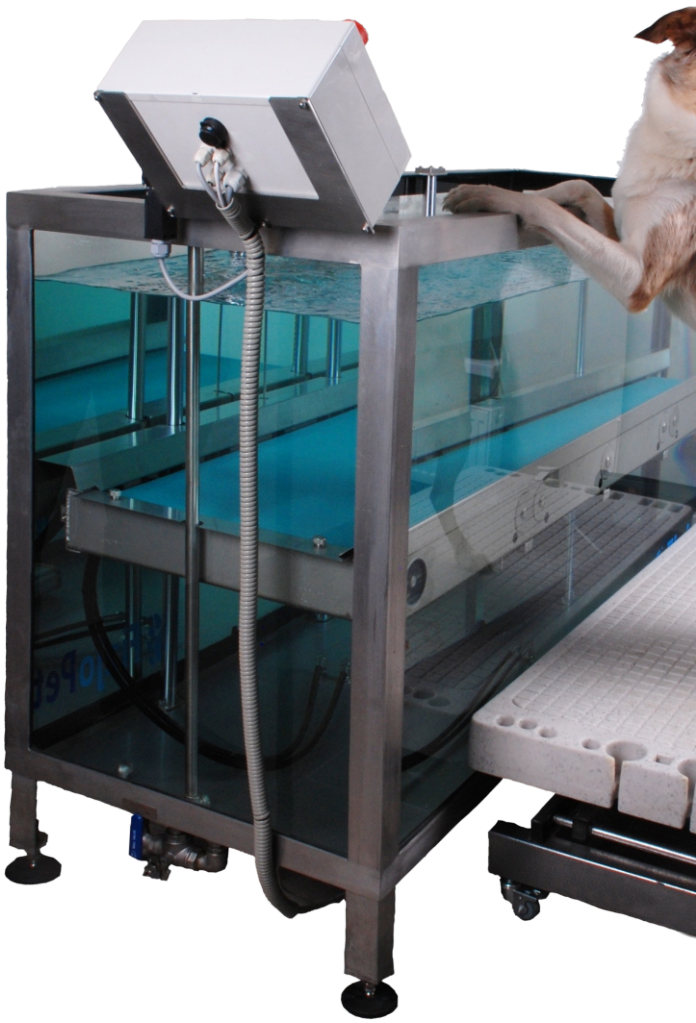
Why a water treadmill?

Hydrotherapy is the best method of rehabilitation and fighting overweight.

Underwater therapy may be used just before and soon after surgery. It allows early intervention and faster recovery of the body.

Water resistance improves the whole musculo-skeletal system and reduces joint stiffness. It brings more benefits of work out and improves motility of the musculo-skeletal system. It also reduces pain and increases blood flow.

The natural buoyancy of water lowers the relative body weight, which reduces burden on joints. Therefore, water treadmill work out may be used by patients for which training on a dry treadmill or outdoors is contraindicated or impossible.



The device combines exceptional functionality and compact structure. It may be installed in places where the use of a traditional pool is restricted due to location or costs (the minimum recommended size of the room: 2.5 m x 2.5m)

Conditions for which FIZJOPET water treadmill is indicated:

- improving balance and movement coordination, including improving posture an movement stability,
- reeducation of gait after orthopaedic and neurological procedures,
- increasing the range of angular movements,
- degeneration and inflammation of joints, limbs and spine,
- hip dislocation,
- muscular atrophy,
- cauda equina syndrome,
- paresis and palsy,
- cardiovascular system diseases (improving cardiovascular competence)
- hypertension
- sports rehabilitation- development of musculature, improvement of capacity and strengthening of muscles in utility dogs and sports dogs
- hyperactivity
- old age problems
- overweight

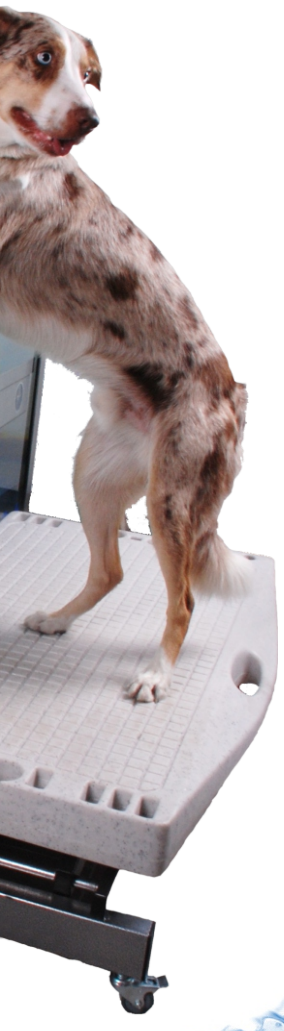
FIZJOPET BASIC

A budget model for rehabilitation of small patients. It exhibits a unique compact structure. It may be installed in rooms from 6.5 m².

The biggest advantage for the therapist is that they do not have to enter the water and may work with a patient in an upright position.

With the constant water level in the tank, the patient's immersion depth is regulated by lowering a movable treadmill down the pool, while glass walls allow constant monitoring of the therapy.

Thanks to a patented hydraulic drive system, there is no risk of electric shock in water.



FIZJOPET STANDARD
FIZJOPET COMFORT

Models intended for more demanding users. They contain a wide range of standard and extra equipment, such as counterflow, automatic chlorination, advance filtration system and remote control via the Internet.

The belt speed is adjusted to rehabilitation and sports training.

Glass walls allow monitoring the course of the therapy.

The standard device contains a water counterflow which creates additional resistance while walking.

Operating costs

Thanks to patented solutions, FIZJOPET treadmills ensure minimum operating costs as regards use of electricity and water, as well as safety usage owing to hydraulic drive system.

Safety of patients

In order to ensure maximum safety for the patients and therapists, Standard and Comfort models of FIZJOPET water treadmills meet all the requirements for medical devices, which are confirmed with certificates issued by TÜV NORD.

TECHNICAL PARAMETERS	FIZJOPET BASIC	FIZJOPET STANDARD	FIZJOPET COMFORT
Intended use	dogs and cats	dogs and cats	dogs and cats
Maximum weight of patient (kg)	90	100	100
Maximum speed (km/h)	2,0	2,3	2,3
Depth of patient's immersion in water (cm)	0-68	0-68	0-68
Usable length of belt (mm)	1460	1460	1460
Width of belt (mm)	450	450	450
Water net volume (l)	800	800	800
Length (mm)	1700	1700	1700
Width (mm))	670	670	670
Height (mm)	1170	1170	1170
Net weight without water and control cabinets (kg)	350	400	400
Range of pre-set water temperatures (°C)	20-40	20-40	20-40
Heating power (kW)	6	6	6
Advanced, efficient filtration system	O	S	S
Counterflow	-	S	S
Automatic water supply system (preventing room flooding)	-	O	S
Heat exchanger for solar installation, heat pump or central heating	-	O	O
Connection to pool installation	O	O	O
Sand filter	O	O	S
Automatic chlorine dosing and water pH regulation	-	O	O
UV lamp	-	O	O
Thermal casing minimising heat loss	O	O	O
Hydraulic drive system (elimination of using electricity for treadmill drive, no risk of shock)	S	S	S
Safety laminated glass enabling monitoring of the therapy	S	S	S
Water-resistant desktop	S	-	-
Water-resistant desktop with an LCD panel	-	S	-
Water-resistant desktop with a colourful touch-screen LCD display	-	-	S
Heat system control by application ((www, iPhone, Android)	-	O	S
Power supply 400 V	S	S	S
Power supply 230 V	O	O	O
Work of therapist without entering water	S	S	S
Work of therapist in an upright position only	S	S	S
Entry from top, movable floor	S	S	S
Medical device	-	S	S

S- standard, O- option

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WYDANIE 2016/12