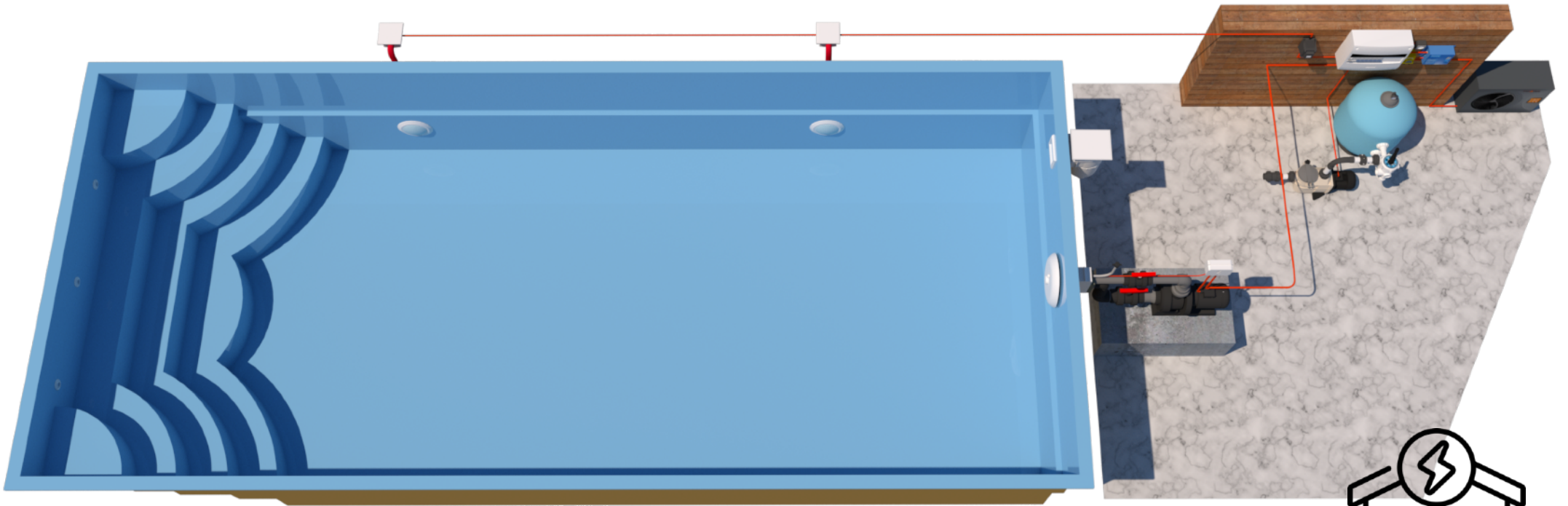


ELECTRICAL WIRING INSTALLATION GUIDE





Thank you for choosing a pool from the Czech company PoolDo.

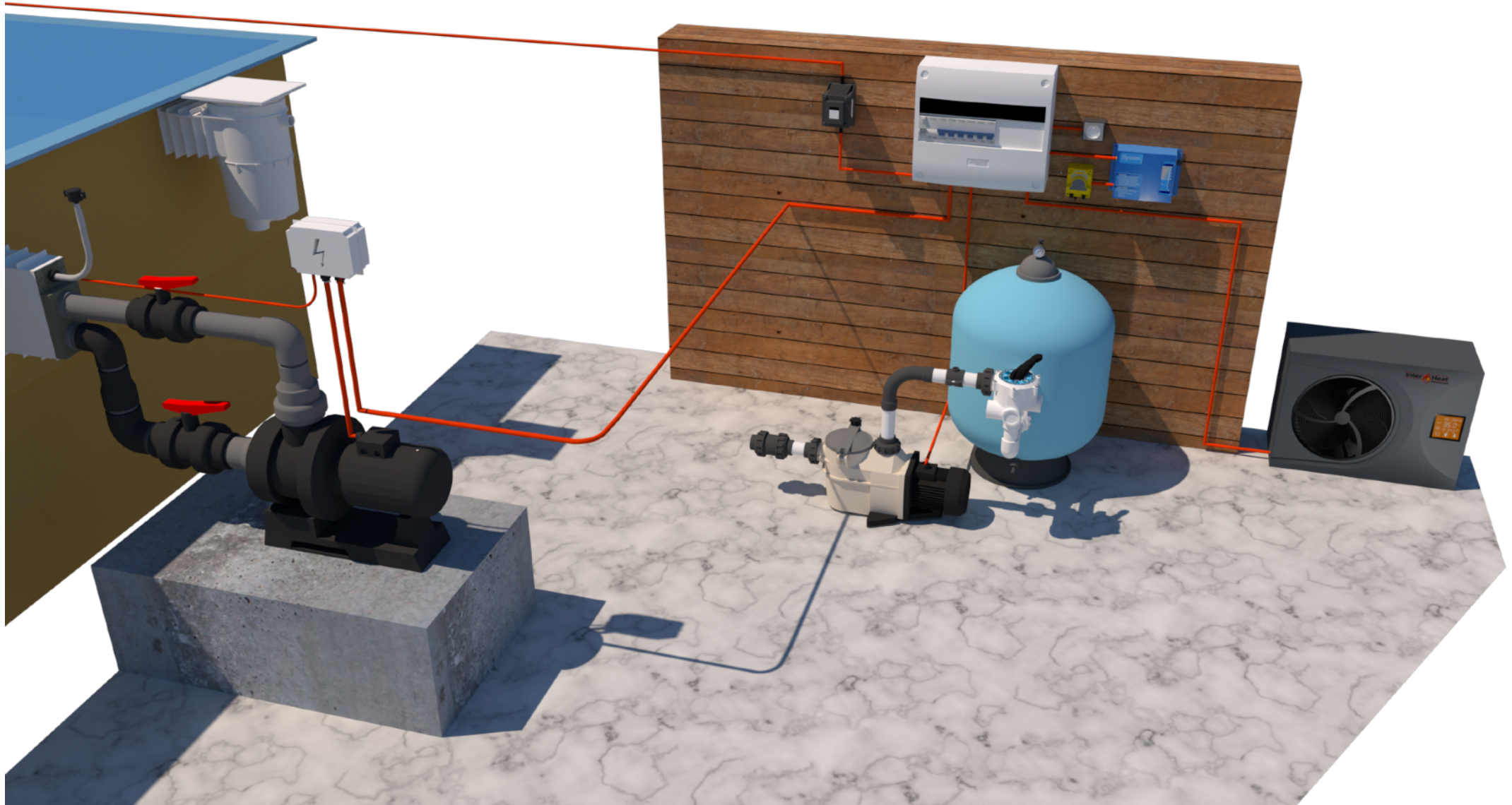
This manual shows the electrical connection of your new pool step by step. The electrical connection must be made by an authorized electrician and ended with a revision. PoolDo is not responsible for the electrical connection. This guide is for informational purposes only. Each electrical connection must be specifically consulted with an authorized person according to your accessories pool.

1. Wiring diagram	3
2. Supply cable from the main circuit breaker to the pool circuit breaker	4
3. Cables for pool accessories	5-6
4. Swim jet wiring diagram	7
5. Pool lights wiring diagram	8

In case of any ambiguity, please contact your dealer, or directly to our email: info@poldo.com and we will be happy to advise you on the next steps. This electrical guide is based on Czech Republic regulations and may vary in other European countries. Please make sure you're hiring only certified electricians.

ELECTRICAL WIRING INSTALLATION GUIDE

WIRING DIAGRAM



SUPPLY CABEL INSTALLATION GUIDE

ELECTRICAL WIRING

POOL EQUIPMENT	SUPPLY CABEL	CIRCUIT BRAKER FOR THE SUPPLY CABEL	MAIN CIRCUIT BREAKER
Filtration 230V max. 1,00kW + heat pump 230V max.15,00kW	CYKY 3 J x 4 + CY 6ZŽ + residual circuit breaker 30 mA.	20A/1/B	25A/3/B
Filtration 230V max. 1,00kW + heat pump 230V max. 15,00kW + swim jet 70m3/380V max. 2.2kW	CYKY 5 J x 6 + CY 6ZŽ - + residual circuit breaker 30 mA.	25A/3/B	32A/3/B

If your main house circuit breaker is 25A / 3 / B or lower, we do not recommend this installation.

The base plate must be reinforced with steel rod nets with a thickness of at least 6 mm. It is necessary to ground the steel reinforcement with grounding strip FeZN 30x4 with lead to main protective busbar.

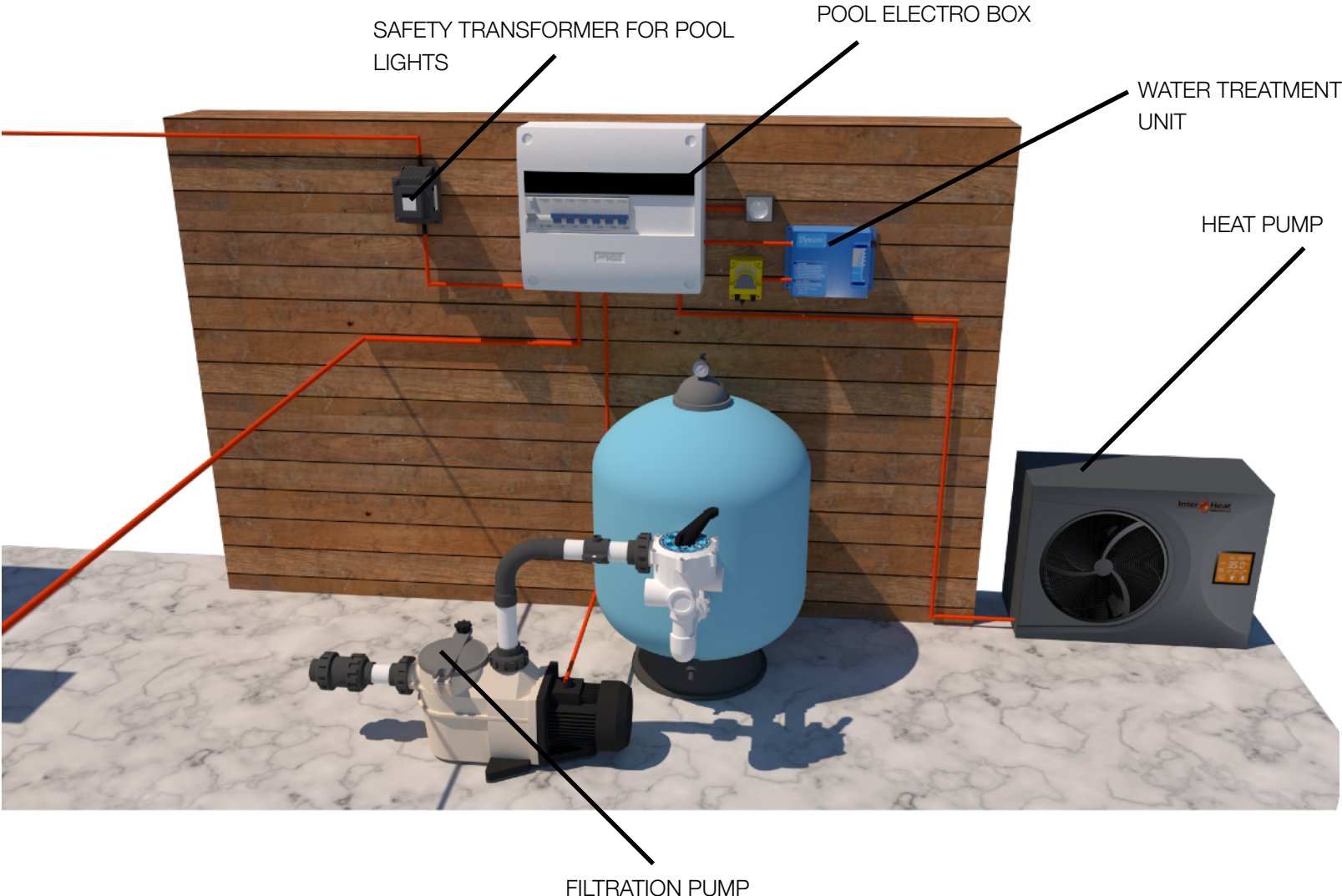
POOL ACCESSORIES CABELS INSTALLATION GUIDE

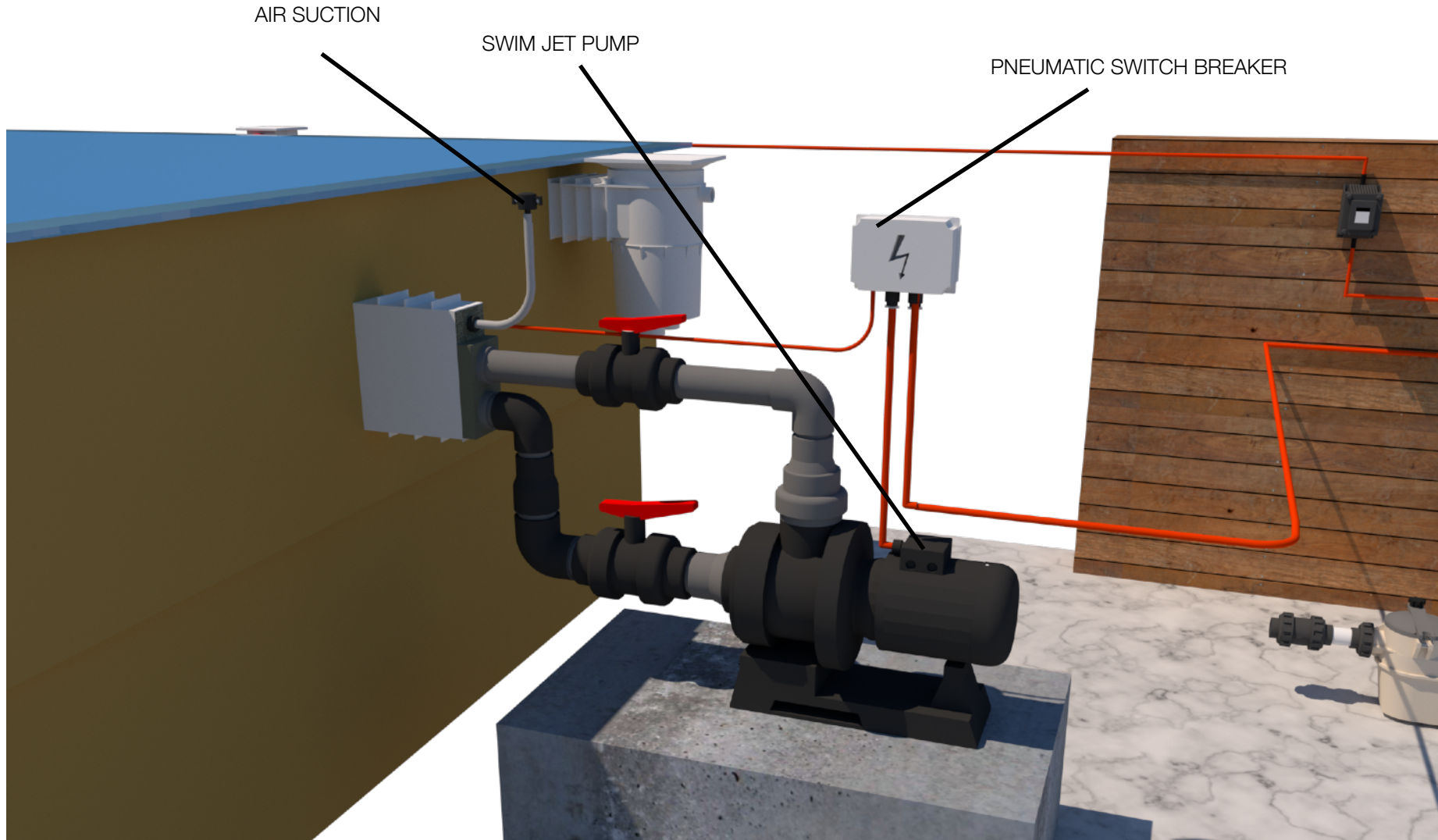
ELECTRICAL WIRING

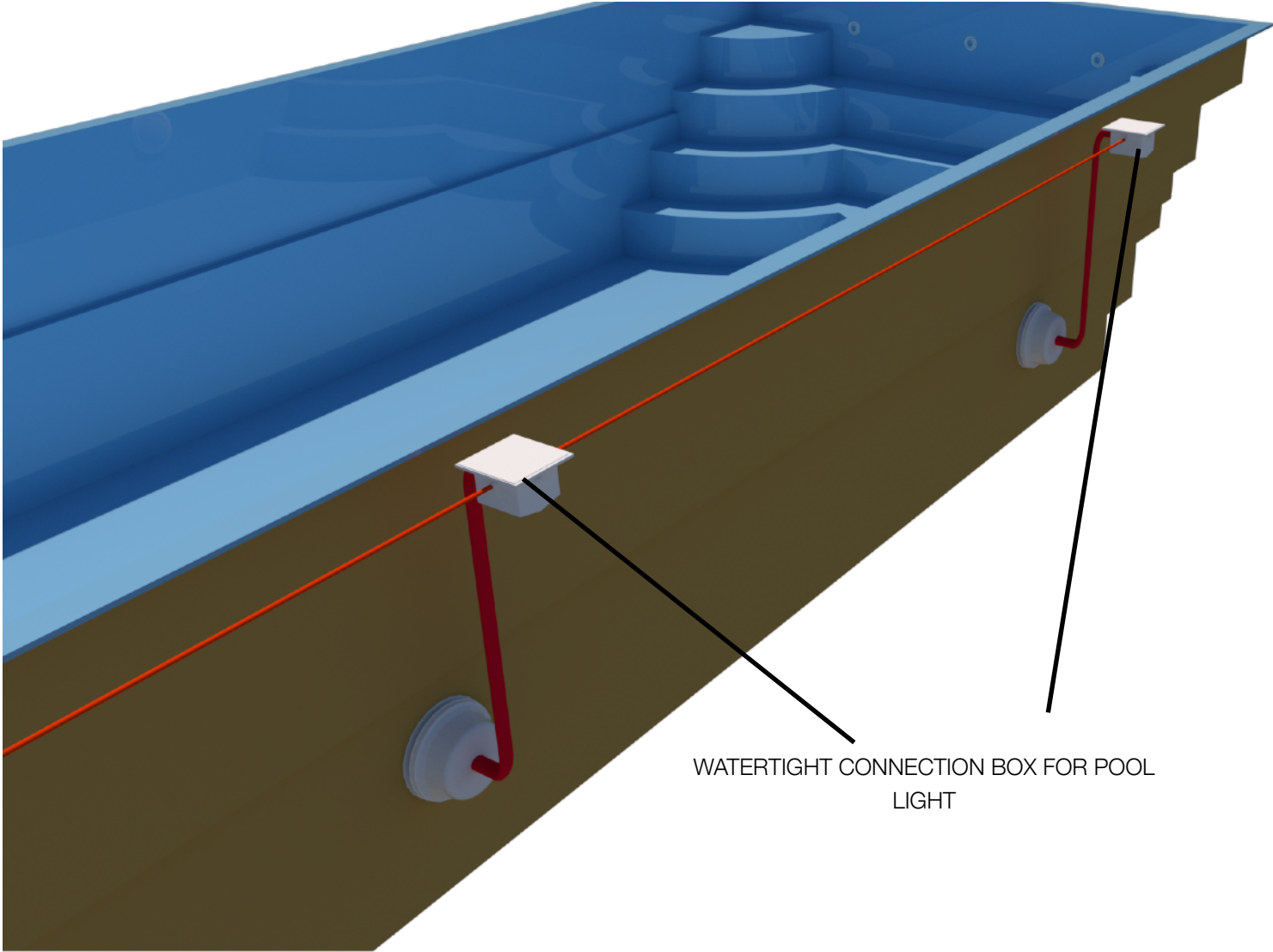
POOL ACCESSORIES	SUPPLY CABEL	CIRCUIT BREAKER IN POOL CIRCUIT BREAKER
Pool filtration with salt water treatment (Cable from the pump and from the chlorinator goes to circuit breaker)	CYKY 3 J x 1,5	6A/1/C
Swim jet	CYSY 5 J X 2,5 - from the pump to the pneumatic switch CYKY 5 J x 2,5 - from the pneumatic switch to pool circuit breaker Cable for main protective connection - CYA 6ZŽ	10A/3/C
Hear pump	CYKY 3 J x 2.5 max. 12kW CYKY 3 J x 4 max. 18kW	20A/1/C
Pool lights up to 50W (Cable between light and safety transformer)	CYKY 3 J x 2	The circuit breaker capacity must be calculated regarding the real sum of W.
Pool lights up to 100W (Cable between light and safety transformer)	CYKY 2 J x 4	The circuit breaker capacity must be calculated regarding the real sum of W.
Pool lights up to 300W (Cable between light and safety transformer)	CYKY 2 J x 6	The circuit breaker capacity must be calculated regarding the real sum of W.

ELECTRICAL WIRING INSTALLATION GUIDE

POOL EQUIPMENT







WATERTIGHT CONNECTION BOX FOR POOL LIGHT



In case of any questions, please don't hesitate to contact one of our sales representative, who will be happy to help you.

www.pooldo.com

info@pooldo.com

