

CONLIFT

THE NEXT STEP IN CONDENSATE REMOVAL

When uncompromising reliability is a must, the next generation of CONLIFT condensate removal lifting stations is the obvious choice. Based on more than a decade of experience, the CONLIFT range offers a number of unique features to ensure that condensate removal is as reliable as using the natural downgrade.

CONLIFT OFFERS:

Easy installation

- Base standing or wall-hung with easy balancing tools
- Pre-installed non-return valve unit fixed via bayonet fitting
- Motor/pump can be rotated 180° on tank
- Four symmetric inlet connections
- 6m drain hose and different adaptors are included
- Discharge can handle 8 and 10 mm hoses
- Alarm contact with 1.7 m cable
- Quick check with manual test button

Superior reliability

- Corrosion-free design with double-coated shaft and encapsulated collecting tank from switch, motor and bearings with special sealing systems

- Water lock (syphon) inside tank prevents gas build-up from boilers
- Motor enables up to 60 starts per hour
- Well-proven and robust level switch independent from sensitive electronics
- IP24 protection for tougher environments

Low-noise operation

- Thanks to the careful design, the CONLIFT range is renowned for its low-noise operation

Condensate in cellars

Condensate from dehumidifiers, air-conditioning systems, commercial cooling systems and condensate boilers in particular may seem like an insignificant problem.

But in cellars below drainage level where these units are typically placed condensate cannot be removed by means of natural gravity drainage and may cause damage without a lifting station.

CONLIFT 1/
CONLIFT 2

CONLIFT 2 PH+



CONLIFT KEY FEATURES



TECHNICAL DATA

	CONLIFT1	CONLIFT2	CONLIFT2 PH+
Product number - with Schuko plug	97936156	97936158	97936172
Product number - without plug	97936173	97936174	97936175
Power supply	1 x 230 V + -6%, 50 Hz		
Size L x H x W	258 x 183 x 165		258 x 293 x 165
P1	75 W		
Nominal current	0.65 A		
Inlets/size	4 x Ø28 mm		
Discharge/hose length/material	Ø10(8) mm/6 m/PVC		
Weight	3.1 kg	4.3 kg	
Tank volume/effective volume	2.65/0.9 l		
Max head/max flow	5.7 m/588 l/h		
Max head to drain 200 kW boiler = 32 l/h	5.0 m		
Max starts per hour	60 start/h		
pH	>2.5	<3*	
Max. media temp.	50 °C/90 °C for 5 min.		
Ambient temp.	5-50 °C		
Motor duty pattern	S3 30% 1 min.**		
Aux. changover contact	230 V, 5 A		
Supply cable type/length	H05W-F36/1.7 m		
Noise level	<47 dB(A)		
Noise level alarm	n.a.	80 dB(A)	
Alarm contact cable wired	250 V/2.5 A/1.7 m		

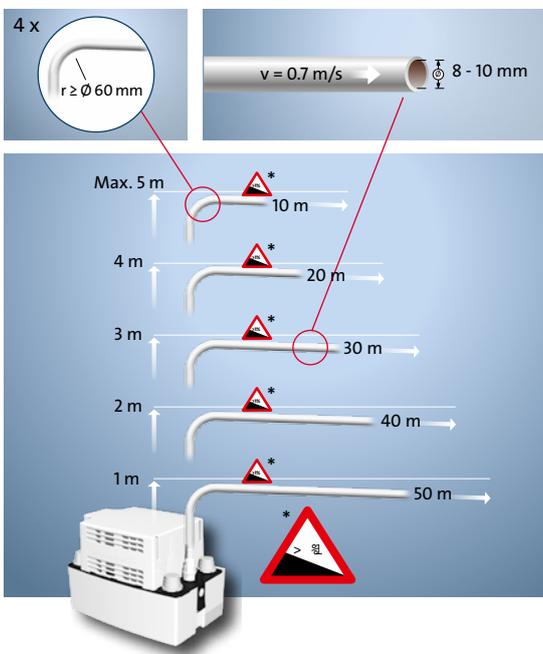
* Oil boilers basically and gas boilers >200 kW recommended
 ** Motor with build-in thermal overload protection

ACCESSORIES

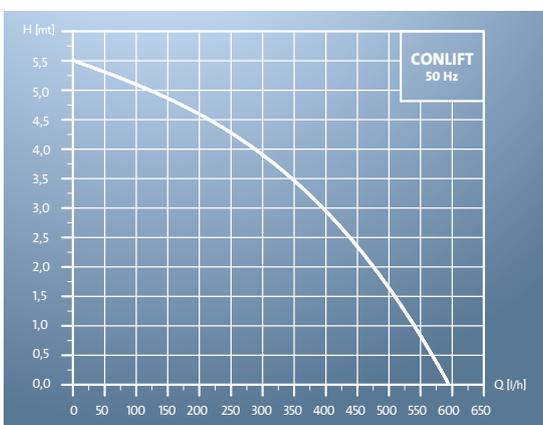
	P/N
6 m hose extension with connector for Ø10/14 mm discharge hose	97936177
Alarm device to upgrade CONLIFT1	97936209
Granulate refill package, 4 x 1.4 kg for CONLIFT2 pH+ and pH+ Box, with pH level tester	97936178
pH+ Box with accessory and 1.2 kg granulate	97936176

SIZING

CONLIFT facilitates the drainage of boilers up to 200kW generating up to 32 l condensate per hour up to 5 m head.



PERFORMANCE CURVE



GRUNDFOS Pumps Ltd.
 Grovebury Road
 Leighton Buzzard
 Beds LU7 4TL
 Tel: 01525 850000
 www.grundfos.co.uk

