



STULZ the natural choice

CyberCool Pump Station

Supplying air conditioning systems with cold water



Reliable air conditioning – the CyberCool pump station

When it comes to air conditioning in data centres, the key message is safety first! This is why operators throughout the world rely on STULZ to provide precise cooling and maximum availability. The new CyberCool pump stations work alongside our air conditioning systems to provide even greater reliability and optimised use of space.

Two pumps for better delivery

As requirements for reliable air conditioning increase, an individual pump can represent a risk. CyberCool pump stations are all equipped with two pumps, which operate in conjunction to reliably deliver the water/glycol mixture to the air conditioners.

Less wear – greater reliability

When operating a CyberCool pump station in conjunction with one or more air conditioning systems from STULZ, you can choose different modes depending on your requirements to guarantee the necessary reliability.

Option 1: Both pumps simultaneously provide pressure controlled delivery at the same reduced speed – depending on the required volume, a pump delivers a maximum of 50% of the rated delivery rate. If a pump fails or signals a fault, the other pump takes over the total load.

Option 2: Delivery from only one pump with the other on standby. Operation switches between the pumps at intervals or as a result of faults.



The modular and compact CyberCool pump station does not take up much space and replaces special constructions. Thanks to its standardised connection options and continuously regulated pumps, it can be adapted for any specific task and all local conditions without a huge amount of installation work.

- » Compact and space saving pump cabinets for indoor installation
- » Minimal installation work and standardised connection options
- » Supplies air conditioning systems up to 50 m³/h
- » Fluid temperature range -30° to +50°
- » Continuously adjustable pump speed



Standard equipment:

- 1 Two speed controlled centrifugal pumps Type: GRUNDFOS CRE
- 2 Pump standby management
- 3 Temperature display
- 4 Pressure display
- 5 Pressure transmitter for regulation

Flow monitor
(not visible)

Expansion vessel
(not visible)

Optional extras:

- 6 Graphical control unit C7000 Advanced
- 7 Operating lights

Raised floor stand
(not shown)



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Technical data					
Model CPP xx CW		100	200	300	500
Volumetric flow	m ³ /h	10	20	30	50
Pump*					
Rated power	kW	1.5	4.0	5.5	7.5
Max. current consumption	A	3.18	7.8	10.56	14.4
Available pump pressure	kPa	170	240	270	150
Unit data					
Width/Height/Depth	mm	1,000/1,980/890			
Electrical connection	V/ph/Hz	400/3/50			
Weight	kg	590	780	1,000	1,020
Nominal pressure: PN16					

*Design basis conditions for technical data

Medium: 70 % water, 30 % glycol

Medium temperature: 7 °C

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www.stulz.com

STULZ CORPORATE HEADQUARTERS

D STULZ GmbH
 Holsteiner Chaussee 283
 22457 Hamburg
 Vertrieb Deutschland, Tel.: +49(40)55 85-306
 Vertrieb International, Tel.: +49(40)55 85-269
 Fax: +49(40)55 85-308
 products@stulz.de

STULZ SUBSIDIARIES

AUS STULZ AUSTRALIA PTY LTD
 34 Bearing Road
 Seven Hills NSW 21 47
 Tel.: +61(2)96 74 47 00 · Fax: +61(2)96 74 67 22
 sales@stulz.com.au

CN STULZ AIR TECHNOLOGY SYSTEMS (SHANGHAI) CO., LTD.
 No. 999 Shen Fu Road, Min Hang District
 Shanghai 201108 · P.R. China
 Tel.: +86(21)54 83 02 70 · Fax: +86(21)54 83 02 71
 info@stulz.cn

E STULZ ESPAÑA S.A.
 Calle Lluvia N° 1
 28918 Leganés (Madrid)
 Tel.: +34(91)517 83 20 · Fax: +34(91)517 83 21
 info@stulz.es

F STULZ FRANCE S. A. R. L.
 107, Chemin de Ronde
 78290 Croissy-sur-Seine
 Tel.: +33(1)34 80 47 70 · Fax: +33(1)34 80 47 79
 info@stulz.fr

GB STULZ U. K. LTD.
 First Quarter · Blenheim Rd.
 Epsom · Surrey KT 19 9 QN
 Tel.: +44(1372)74 96 66 · Fax: +44(1372)73 94 44
 sales@stulz.co.uk

I STULZ S.P.A.
 Via Torricelli, 3
 37067 Valeggio sul Mincio (VR)
 Tel.: +39(045)633 16 00 · Fax: +39(045)633 16 35
 info@stulz.it

IN STULZ-CHSPL PVT. LTD.
 006, Jagruti Industrial Estate
 Mogul Lane, Mahim · Mumbai - 400 016
 Tel.: +91(22)56 66 94 46 · Fax: +91(22)56 66 94 48
 info@stulz.in

NL STULZ GROEP B. V.
 Industriezentrum Bovenkerk · Postbus 75
 1180 AB Amstelveen
 Tel.: +31(20)545 11 11 · Fax: +31(20)645 87 64
 stulz@stulz.nl

NZ STULZ NEW ZEALAND LTD.
 Office 71, 300 Richmond Rd.
 Grey Lynn · Auckland
 Tel.: +64(9)360 32 32 · Fax: +64(9)360 21 80
 sales@stulz.co.nz

PL STULZ POLSKA SP. Z O.O.
 Budynek Mistral · Al. Jerozolimskie 162
 02 – 342 Warszawa
 Tel.: +48(22)883 30 80 · Fax: +48(22)824 26 78
 info@stulz.pl

USA STULZ AIR TECHNOLOGY SYSTEMS (SATS), INC.
 1572 Tilco Drive
 Frederick, MD 21704
 Tel.: +1(301)620 20 33 · Fax: +1(301)66 54 87
 info@stulz-ats.com