



VAN DER HEIJDEN
Labortechnik GmbH

COOL SOLUTIONS - YOUR ADVANTAGE



CS-CHILLER

COOL&SMART COMBINED IN ONE UNIT!

The brand new CS chiller range offers air-cooled models in different performance classes up to 42 kW.

TECHNICAL DATA:

YOUR ADVANTAGES:

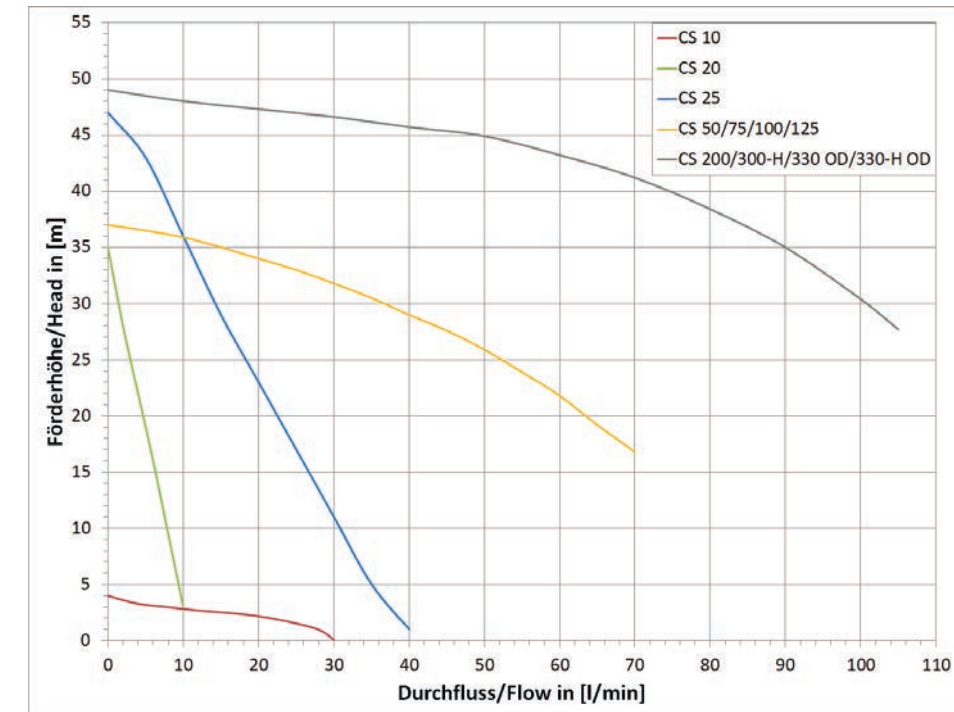
- Economic and ecological solution to eliminate costly water waste
- Easy to use and maintenance free
- Quiet operation less than 78 db
- Budget friendly purchasing price

PERFECT COOLING SOLUTION FOR MANY APPLICATIONS, SUCH AS:

- Rotary evaporators
- Electron microscopy
- AAS-devices
- ICP-devices
- Extraction
- Distillation
- and many more



PUMP CURVE:



Article No.	Model	Temp. Range (°C)	Pump capacity max. / pump connection			Cooling Power (kW) @ (°C)					Heating Power (kW)	Noise Level (db)	Dimensions W x D x H (mm)	Voltage
			(l/min)	(bar)	15	10	0	-10	-20					
1-101293	CS 10	-20...+15	30	0.4	3/8"	1.2	1.0	0.5	0.25	0.15	-	50	430 x 470 x 695	230V 1- 50Hz
1-101106	CS 20	-20...+15	10	3.5	3/8"	2.2	2.0	1.3	0.9	0.5	-	67	530 x 580 x 750	230V 1- 50Hz
1-101107	CS 25	-20...+15	40	4.5	1/2"	3.5	2.5	1.6	0.98	0.7	-	60	580 x 660 x 825	230V 1- 50Hz
1-101108	CS 50	-20...+15	70	3.7	3/4"	8.0	5.0	4.2	3.5	2.0	-	63	680 x 730 x 1520	400V 3- 50Hz
1-101109	CS 75	-20...+15	70	3.7	3/4"	9.0	7.5	5.5	3.0	2.4	-	66	800 x 850 x 1665	400V 3- 50Hz
1-101104	CS 100	-20...+15	70	3.7	3/4"	18	10	9.5	7.5	4.5	-	70	800 x 850 x 1665	400V 3- 50Hz
1-101110	CS 125	-20...+15	70	3.7	3/4"	17	12.5	12	9	6	-	75	1400 x 1000 x 1800	400V 3- 50Hz
1-101105	CS 200	-20...+15	105	4.7	1"	28	20	18	15	9.5	-	78	1400 x 1000 x 1800	400V 3- 50Hz
4-100096	CS 200-H	-20...+85	105	4.7	1"	28	20	18	15	9.5	5.5	78	1400 x 1000 x 1800	400V 3- 50Hz
32-100107	CS 330 OD	-20...+15	105	4.7	1"	42	35	25	17	11	-	78	1400 x 1000 x 1800	400V 3- 50Hz
4-100097	CS 330-H OD	-20...+85	105	4.7	1"	42	35	25	17	11	8	78	1400 x 1000 x 1800	400V 3- 50Hz
32-100112	CS 550 OD	-20...+15	105	4.7	1"	70	60	33	20	12	-	77	1400 x 1000 x 1800	400V 3- 50Hz

* All models are aircooled and with refrigerant R449A.

H = Heating OD = Outdoor



VAN DER HEIJDEN - YOUR PARTNER IN COOLING



Budget Friendly

Van der Heijden chillers offer very high value due to the competitive pricing, amount of delivered cooling power and the very short payback period compared with running water costs. A 2 year minimum warranty which may be extended to 3, gives reassurance of the high quality and life expectancy of the chillers.



Eco-friendly Cooling

Our chillers save 100% water when compared to using running water cooling. Maximum energy efficiency is achieved by only using the compressor when needed. Water to water chillers do not need a compressor, delivering even more savings. Water cooled chillers do not discharge waste air to the ambient room.



Company Experience

Van der Heijden have been manufacturing for over 40 years and has extensive knowledge and experience of cooling technology. Having developed many chiller models in close collaboration with world leading instrument manufacturers, you can be assured that we understand your requirements. German design and manufacturing but with a global service support network.



Customised Solution

Our chillers are fully customisable with almost infinite options even for a single unit or multiple manufacture. E.g. models are available as system separators up to 150 kW cooling power, increased stability control, and many more.

Very high quality components and construction can prevent the formation of condensation on pipework during the Summer.



Easy Operation

The units are ready to use and easy to set up. The menu shows understandable text descriptions of warnings or fault conditions and no codes.

All models are equipped with a hinged lid for easy coolant refill and easy access at service and castors for easy manoeuvrability. The temperature setting as required (can be factory set).



High Quality

Our robust air and water-cooled chillers with a 2 mm epoxy coated metal case are suitable for 24/7 use.

A high-pressure pump feed allows good flow rates. Constant supply of water quality, temperature and pressure. Low or no noise and vibration, no fan and very low heat generation on water-cooled units. No compressor on water-water chillers.

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