





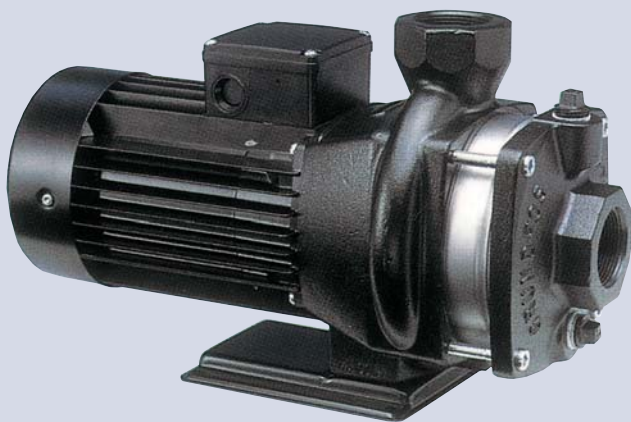
The heart of your water supply

CH water and booster pumps for homes, farms and small business.

Quick Selection Guide

Dimensioning of System				
Tap Points	4-10	10-40	40-100	100-150
Flow	2m ³ /h	4m ³ /h	8m ³ /h	12m ³ /h
Pump head* 10-20m	CH2-30	CH4-20	CH8-20	CH12-20
20-30m	CH2-30 CH2-40	CH4-30 CH4-40	CH8-30 CH8-40	CH12-30
30-40m	CH2-50	CH4-50	CH8-50	CH12-40 CH12-50
40-50m	CH4-60	CH4-60	CH8-60	CH12-60

*without inlet pressure.



Operation Conditions

Liquid Temperature Range : 0°C to +90°C.

Maximum Ambient Temperature : +55°C.

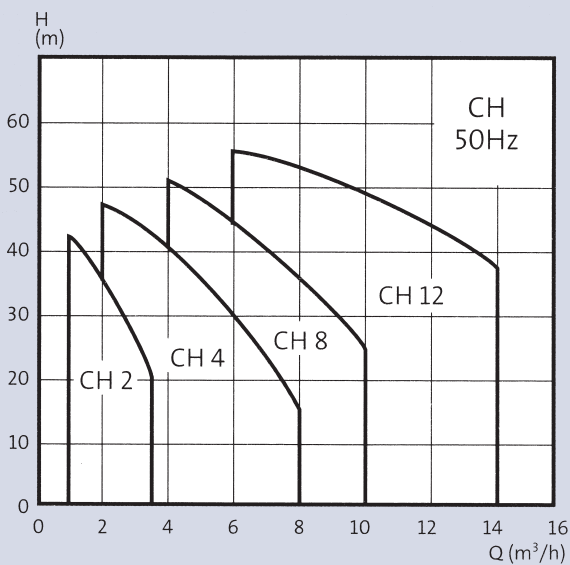
Maximum operating pressure depends on the temperature of the pumped liquid, see table.

Max. Operating Pressure	1 MPa (10 bar)	0.6MPa (6 bar)
CH2 CH4	0°C to 40°C	41°C to 90°C
CH8 CH12	0°C to 55°C	56°C to 90°C

Min. Inlet Pressure : Acc. to the NPSH curve + a safety margin of 1.0 m.

Max. Inlet Pressure : 6 bars for CH 2 and CH 4.
10 bars for CH 8 and CH 12.

Connections	CH 2	CH 4	CH 8	CH 12
Axial Suction Port	Rp 1	Rp 1	Rp 1 ½	Rp 1 ½
Radial Discharge Port	Rp 1	Rp 1 ¼	Rp 1 ¼	Rp 1 ½

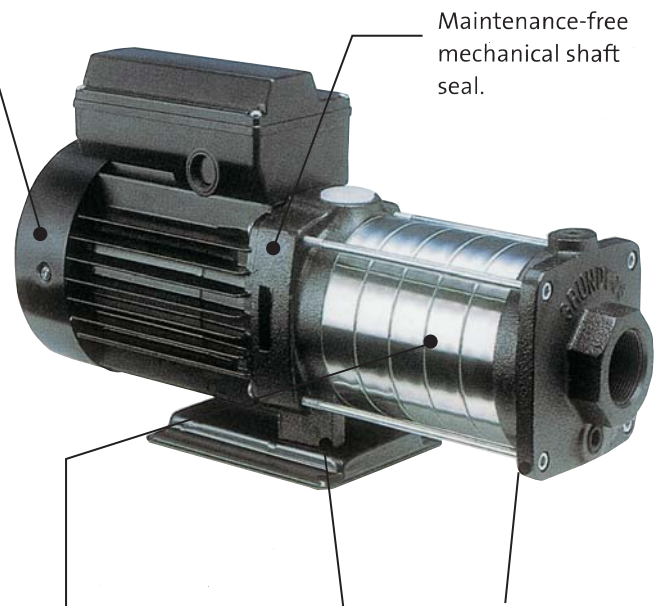


Features

The GRUNDFOS range of CH Pumps is designed for a wide range of boosting and general transfer applications within industry, agriculture and domestic water supply.

The compact horizontal design makes them ideal for applications where space is at a premium.

GRUNDFOS totally enclosed fan-cooled motor: provides reliability, economy, efficiency and long life, protects against moisture and vermin entry.



Maintenance-free mechanical shaft seal.

Stainless steel impellers, shaft and intermediate chambers - corrosion and abrasion resistant for a longer, virtually maintenance free, life.

Cast iron suction and discharge housings with anti-corrosion coating.