



COMPRESSOR PACKAGES



STERLING FLUID SYSTEMS GROUP

Compressor packages ...

Sterling SIHI – over 20 years' experience in the industry

For more than 20 years, Sterling SIHI vacuum and compressor systems prove their reliability in daily industrial operation. This know-how enables our engineers to respond precisely to customer's specific needs. All our plants are of modular design. The basic module is the liquid ring vacuum pump complete with drive, service liquid cooler and liquid separator. Depending on the volumetric flow rates and suction pressures required, this basic module is augmented by e.g. a gas ejector module, a steam ejector combination with downstream condenser, or a lobular pump module.

Also dry systems without any kind of oil and or seal liquid contamination are part of our know-how. Our product portfolio also includes special-purpose solutions. These include sewage extraction plants, centrifugal pumps, ventilation plants and oiltreatment plants. Our systems are available in a wide range of materials including specially commissioned materials.

We also supply instrumentation and control solutions. Our software engineers are skilled in devising customised and application-oriented software and hardware. These systems are supplied to immediately operate. Our highly qualified service personnel also integrates the vacuum plants "on site" into the existing installation.

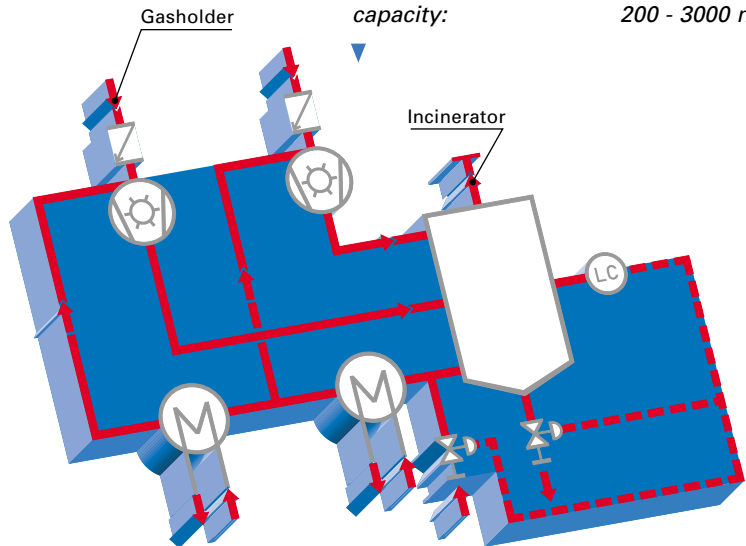


VCM – compressor systems

Unconvected VCM Vapour will be collected and stored in gasholder under atmospheric pressure coming from reactor. These VCM Vapour has to be compressed to a pressure of 5-8 bar abs for condensing by water and or coolant operated condenser for recovery. The remaining inerts saturated with a small amount of VCM Vapour will be sent to an incinerator and or an membrane system.

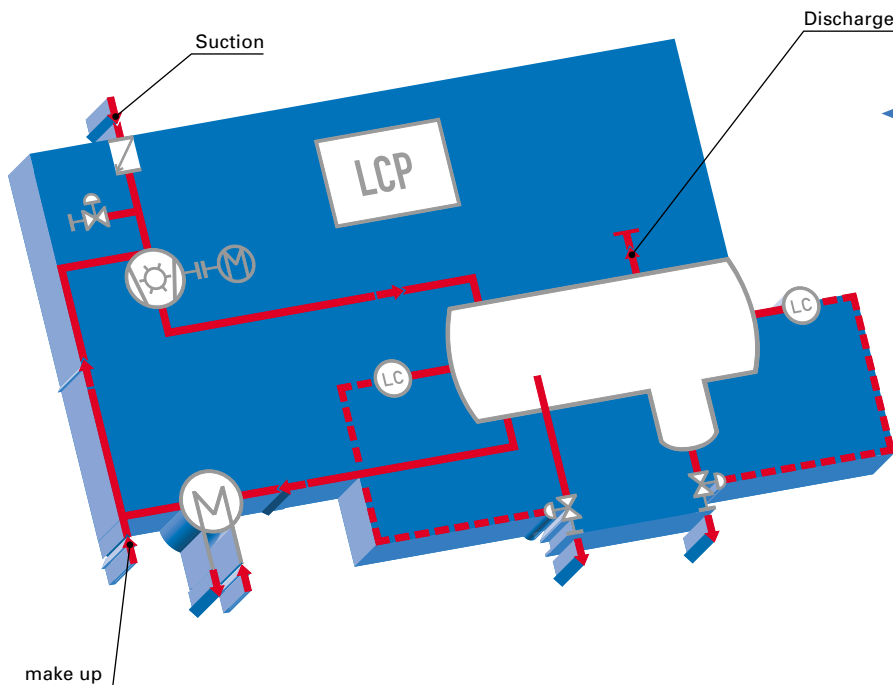
Performance

suction pressure: atm - 0,2 barg
 discharge pressure: 5 - 8 bar abs
 capacity: 200 - 3000 m³/h



Main Componnets:

- **Liquid ring compressor**
(depending on capacity and flexibility
2 or more compressor in parallel)
- **Separator**
- **Seal liquid cooler**
- **Instrumentations**



Performance

suction pressure: atm - 0,2 barg
 discharge pressure: 3 - 7 bar abs
 capacity: 200 - 2000 m³/h

Your competent partner – Sterling SIHI Engineered Systems

Over 20 years' experience in plant and apparatus engineering for the chemical and automotive industries – that's Sterling SIHI Engineered Systems. This implies customised solutions and expert advice as the key focus of Sterling SIHI's activities. Being a member of the Sterling Fluid Systems Group, our customers also enjoy the support of a worldwide customer service network.

The numerous compressor and vacuum-systems we have successfully installed cover a wide range of different applications. If you are looking for service, experience and flexibility, you are looking for Sterling SIHI Engineered Systems.

Contact us on:

Tel.: (+49) - 48 21 - 9000-235
 Fax: (+49) - 48 21 - 9000-501

Steamer off gas compressor

For handling of light hydro carbon's as Ethane, Propane, Butane in PP, PE, HLDPE process Sterling SIHI liquidring compressor packages are used.

Main Componnets:

- **Liquid ring compressor**
- **Separator**
- **Seal liquid cooler**
- **Instrumentations and control panel for safe operation (hazard area)**

Sterling Fluid Systems (Europe)

www.sterlingfluidsystems.com/europe

Sterling SIHI GmbH (Germany)
Lindenstrasse 170,
D-25524 Itzehoe,
Germany.
Telephone: +49 (0)4821 771-01
Fax: +49 (0)4821 771-274

Sterling Fluid Systems (UK)
Theale Cross, Pincents Lane, Calcot, Reading,
Berkshire RG31 7SP, UK.
Telephone: +44 (0)118 932 3123
Fax: +44 (0)118 932 3302

Sterling Fluid Systems (Netherlands)
Havenstraat 22-28, Postbus 27,
NL 1940 AA Beverwijk, The Netherlands.
Telephone: +31 (0)251 263 232
Fax: +31 (0)251 226 309

Sterling Fluid Systems (Austria)
A-1100 Wien,
Oberlaaer Strasse 228, Austria.
Telephone: +43 (0)1 680 050
Fax: +43 (0)1 680 0521

Sterling Fluid Systems (Hellas)
4, Clisouras Street,
GR-176 72 Kallithea, Athens, Greece.
Telephone: +30 (0)1 9570783
Fax: +30 (0)1 9568121

Sterling Berkefeld (Germany)
Lückenweg 5
D-29227 Celle, Germany.
Telephone: +49 (0) 5141 8030
Fax: +49 (0) 5141 803172

Sterling Fluid Systems (UK)
Atlantic Street Industrial Estate, Atlantic Street,
Altrincham, Cheshire, England WA14 5DH.
Telephone: +44 (0)161 9286371
Fax: +44 (0)161 9252129

Sterling Fluid Systems (Belgium)
Zone Gosset, 't Hofveld 1,
B-1702 Groot-Bijgaarden, Belgium.
Telephone: +32 (0)2 481 7711
Fax: +32 (0)2 481 7737

Sterling Fluid Systems (Spain)
Avenida Italia No. 2,
E-28224 Pozuelo de Alarcón (Madrid), Spain.
Telephone: +34 (0)91 709 1310
Fax: +34 (0)91 715 97 00

Sterling Fluid Systems (Hungary)
Radnóti Ter 2/A,
H-8200 Veszprém, Hungary
Telephone: +38 (0)88 40 66 33
Fax: +38 (0)88 40 66 35

Sterling RWO
Leerkaempe,
D-28259 Bremen, Germany.
Telephone: +49 (0)421 537050
Fax: +49 (0)421 5370540

Sterling SIHI GmbH (Germany)
Halbergstrasse 1
D-67061 Ludwigshafen, Germany.
Telephone: +49 (0)621 56 12 0
Fax: +49 (0)621 56 12 209

Sterling SAT
Kaddenbusch 21,
D-25578 Dägeling, Germany.
Telephone: +49 (0)4821 9000-0
Fax: +49 (0)4821 9000-501
E-mail: sat@sterlingsat.com

Sterling Fluid Systems (France)
Zone Industrielle de Trappes-Elancourt,
1-3 Avenue Georges Politzer, Boite,
Postale 41, F-78193 Trappes Cedex, France.
Telephone: +33 (0)1 34 82 39 00
Fax: +33 (0)1 34 82 39 61

Sterling Fluid Systems (Italy)
Via Pompei, 15,
I-20052 Monza 102, Italy.
Telephone: +39 (0)39 392 824 1
Fax: +39 (0)39 392 824 220

Sterling Fluid Systems (Schweiz)
Schweizersbildstrasse 25, P O Box 110,
CH-8205 Schaffhausen, Switzerland,
Telephone: +41 (0)52 6440606
Fax: +41 (0)52 6440616

Sterling Fluid Systems (Czech Republic)
Kosmonautu 8,
CZ-77211 Olomouc, Czech Republic.
Telephone: +420 (0)68 551 66 51
Fax: +420 (0)68 551 66 53

Sterling Berkefeld (Netherlands)
Cairostraat 55, NL-3004
AC Rotterdam.
Telephone: +31 (0)10 2622525
Fax: +31 (0)10 2622822

Sterling Fluid Systems (Romania)
Mihai Eminescu 105 - 107,
RO-72112, Bucuresti 2.
Telephone: +40 (0) 1 610 7188
Fax: +40 (0) 1 210 8287

Sterling Fluid Systems (Polska)
Ul. Chocimska 28,
PL-00-791, Warszawa.
Telephone: +48 (0) 22 849 7097
Fax: +48 (0) 22 849 6726

Sterling SIHI GmbH (Americas)

www.sterlingfluidsystems.com/americas

Sterling Fluid Systems (USA)
2005 Dr M. L. King Jr. Street,
P O Box 7026,
Indianapolis, IN 46207-7026, USA.
Telephone: (1) 317 925 9661
Fax: (1) 317 924 7388

Sterling Fluid Systems (USA)
303 Industrial Boulevard,
P O Box 460,
Grand Island, NY 14072-0460, USA.
Telephone: (1) 716 773 6450
Fax: (1) 716 773 2330

Sterling PCU
2280 West Dorothy Lane,
Dayton 45439-1892 Ohio, USA.
Telephone: (1) 937 299 5594
Fax: (1) 937 299 3843
E-mail: equipment@pcuinc.com

Sterling Fluid Systems (Mexico)
Av. Milimex No. 115, Franco Industrias Milimex
Carr. Miguel Aleman Km. 16.5
Apodaca, Nuevo Leon Mexico CP666000
Telephone: (52) 83 693 644
Fax: (52) 83 693 649

Sterling Fluid Systems (Canada)
225 Speedvale Avenue West,
P O Box 728,
Guelph, Ontario N1H 6L8, Canada.
Telephone: (1) 519 824 4600
Fax: (1) 519 824 7250

Sterling Berkefeld (Canada)
225 Speedvale Avenue West
P O Box 728
Guelph, Ontario, N1H 6L8, Canada
Telephone: (1) 519 824 4600
Fax: (1) 519 824 7250

Sterling Fluid Systems (Asia)

www.sterlingfluidsystems.com/asia

Sterling Fluid Systems (Asia)
37 Tech Park Crescent,
Tuas South Avenue 4,
Singapore 637851
Telephone: (65) 8630 828
Fax: (65) 8630 868

SIHI (Australia)
820 Mountain Highway,
Bayswater, Victoria 3153,
Australia.
Telephone: (61) 3 9720 1500
Fax: (61) 3 9720 4076

Sterling Fluid Systems (Malaysia)
No. 2, Jalan TPK 2/2, Taman Perindustrian
Kinrara, Section 2, 47100 Puchong,
Selangor Darul Ehsan, Malaysia.
Telephone: (60) 3 5700198/99
Fax: (60) 3 5700204

Sterling Fluid Systems (Philippines)
Suite 404 & 405, Alabang Corporate Centre,
Km. 25 West Service Road,
South Superhighway,
Muntinlupa City, Philippines.
Telephone: (63) 2 809 4908
Fax: (63) 2 807 2013

Sterling Fluid Systems (Hong Kong)
Unit 2605, Apec Plaza,
49 Hoi Yuen Road, Kwun Tong,
Kowloon, Hong Kong.
Telephone: (852) 2508 9025
Fax: (852) 2508 9032

Sterling Fluid Systems (Thailand)
4 Patanakarn 20, Patanakarn Road,
Suan-Luang, Bangkok 10250, Thailand.
Telephone: (66) 2 319 2567
Fax: (66) 2 319 2573/4, (66) 2 318 4720

Sterling Fluid Systems (Middle East/Africa)

www.sterlingfluidsystems.com/middle-east www.sterlingfluidsystems.com/africa

Sterling Fluid Systems (Middle East)
P O Box 61491, Jebel Ali, Dubai U.A.E.
Telephone: +971 (0)4 8838 733
Fax: +971 (0)4 8838 735

Saudi Berkefeld-Filter
P O Box 9419, 11413 Riyadh, Saudi Arabia
Telephone: (966) 14982085
Fax: (966) 14982349

Sterling Fluid Systems (South Africa)
8483 Edleen, 1625 Johannesburg, R.S.A.
Telephone: (27) 11 394 3922
Fax: (27) 11 970 2472