



MODEL AC-14

GEARBOX PUMP



SPECIFICATIONS

Flow Range	gpm	10 – 250
	lpm	35 – 950
NPSHR	feet	3 – 8
	meter	1 – 2.5
Differential Head	feet	100 – 1,050
	meter	30 – 320
Pump Design Rating	hp	3 – 30
	kw	2.2 – 22.5
Speed Range	rpm	3,500 – 11,400

Consult ACD engineering for actual performance ratings.

FEATURES & BENEFITS

- Gearbox design provides:
 - Improved efficiencies at higher speeds
 - Higher operating range (flows and pressures)
 - Splash oil lube system for improved bearing life and lower maintenance requirements
- Impeller design allows for low NPSH requirements
- All bronze construction allows for oxygen compatibility
- Stainless steel bearing house reduces “cold creep” into the gearbox

APPLICATIONS

- Liquid storage transfer
- Trailer loading and unloading
- Test facility support

OPTIONAL ACCESSORIES

- Gearbox purge kit
- Mechanical seal purge kit
- Spare parts kit

LIQUIDS PUMPED

- Nitrogen
- Oxygen
- Argon
- Methane

TYPICAL SCOPE OF SUPPLY

- Pump, high performance gearbox drive and TEFC motor with purge ports shown
- Integrated lube oil system (oil shipped separately)
- Long life (CFS) mechanical seal with purge port

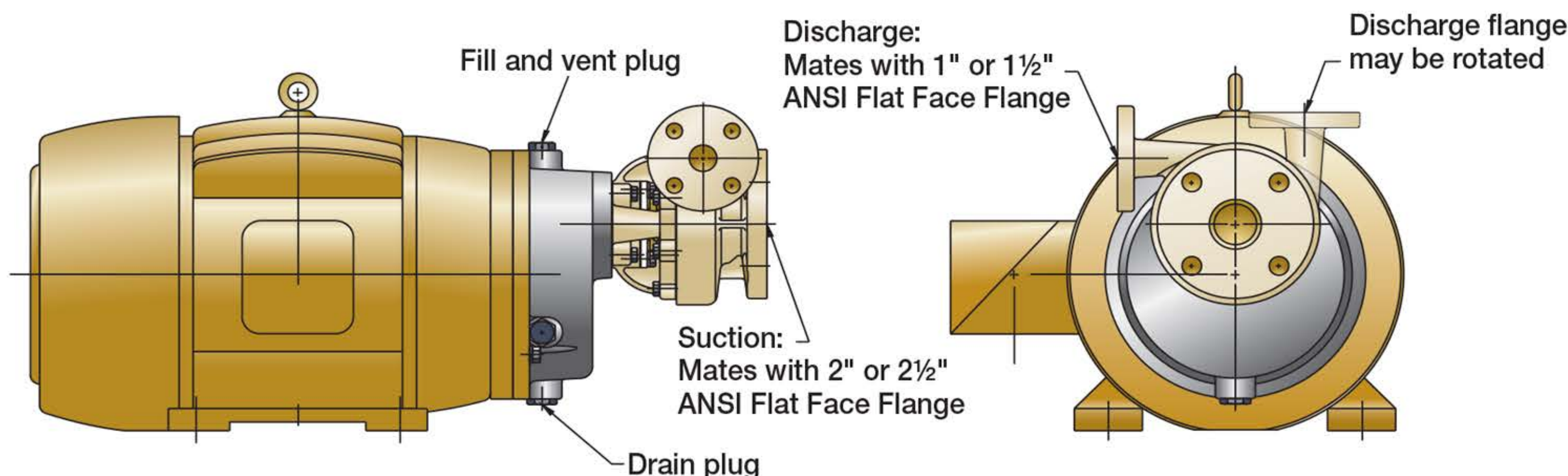
Para más información comuníquese al
305.888.5353
o al correo electrónico
info@intltec.com



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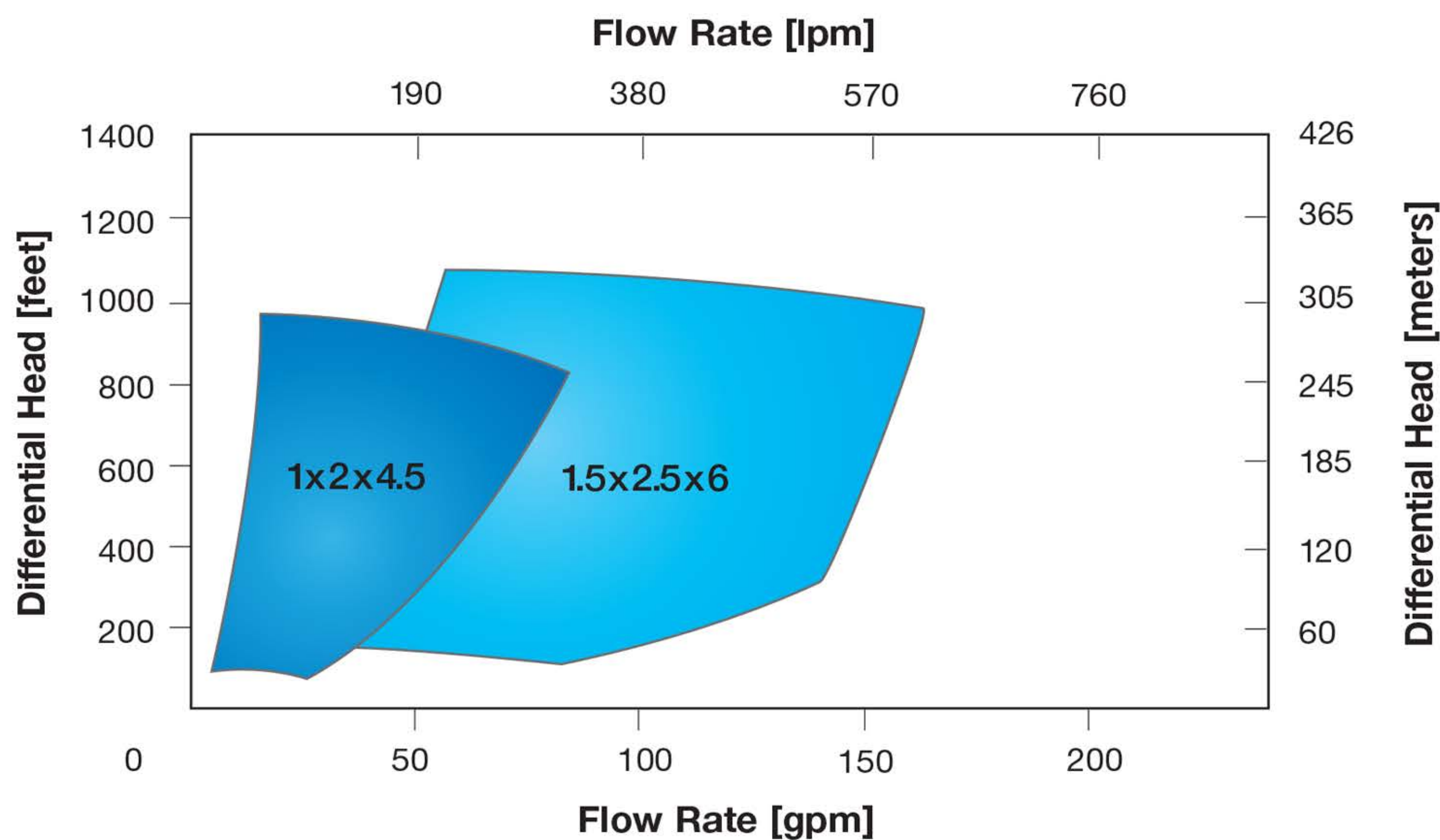
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TYPICAL INSTALLATION



Contact ACD for dimensional information.

PUMP PERFORMANCE CURVE



Speed Range:

1 x 2 x 4.5 3,500 to 11,400 rpm

1.5 x 2.5 x 6 3,500 to 9,500 rpm

Note (not shown in curve for LO₂ service)

1 x 2 x 4.5 3,500 to 9,500 rpm

1.5 x 2.5 x 6 3,500 to 7,200 rpm

60 HZ performance

MANUFACTURING



2321 S. Pullman Street
Santa Ana, CA 92705 USA
Tel 800.525.4216 (USA only)
Tel +1.949.261.7533
Fax +1.949.261.6285
acd@acdllc.com • acdllc.com



Gutenbergstrasse 1
CH-4142 Muenchenstein Switzerland
Tel: +41.61.413.0230
Fax: +41.61.413.0233
sales@acdcryo.com • acdcryo.com

GLOBAL SERVICE

NORTH AMERICA

Atlanta

Atlanta, Georgia, USA
+1 404.696.8113 • Fax +1 404.696.8116
sales@cryoatlanta.com • cryoindservice.com

California

Santa Ana, California, USA
+1 949.724.8636 • Fax +1 714.641.1921
sales@cryocal.com • cryoindservice.com

Houston

Houston, Texas, USA
+1 281.590.4800 • Fax +1 281.590.4801
sales@cihouston.com • cryoindservice.com

Pittsburgh

Imperial, Pennsylvania, USA
+1 724.695.1910 • Fax +1 724.695.1926
pittcryo@pittcryogenic.com • cryoindservice.com

Red Deer

Red Deer, Alberta, Canada
+1.403.352.4436 • Fax +1.403.352.4439
sales@cryocanada.com • cryoindservice.com

Toronto

Toronto, Ontario, Canada
+1 416.502.1950 • Fax +1 416.502.1952
info@cryocanada.com • cryoindservice.com

INTERNATIONAL

Australia

Dandenong, Victoria, Australia
+61.3.9791.7888 • Fax +61.3.9769.2788
sales.au@cryoquip.com • cryoquip.com

Brasil

São Paulo – SP, Brasil
+55 11 9619.6532 SP
sales.br@acdcom.com • www.acdcom.com

China

Hangzhou, China
+86.571.8869.0788 • Fax +86.571.8869.0715
hci@mail.hz.zj.cn • cryoindservice.com

Europe

D-79415 Bad Bellingen Germany
+49.7635.8105.0 • Fax: +49.7635.8965
info@acdcrio.com • acdcryo.com

India

Vadodara, Gujarat, India
+91.265.283 0113 • Fax +91.265.283 0112
npatel@acdllc.com • acdcom.com

Korea

Yongin-si, Gyeonggi-do, Korea
+82.31.286.6114 • Fax +82.31.286.6118
info@ci-korea.co.kr • cryoindservice.com

Malaysia

Shah Alam, Selangor D.Ehsan, Malaysia
+603.5740.8770 • Fax +603.5740.8775
cryogen@po.jaring.my • cryoindservice.com

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Para más información comuníquese al
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info@intltec.com



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