



Parts Manual

Model 150D Rotator

Serial Number 150D-RRB-30CR0

cascade[®]
corporation

For Technical Assistance call: 800-227-2233, Fax: 888-329-8207

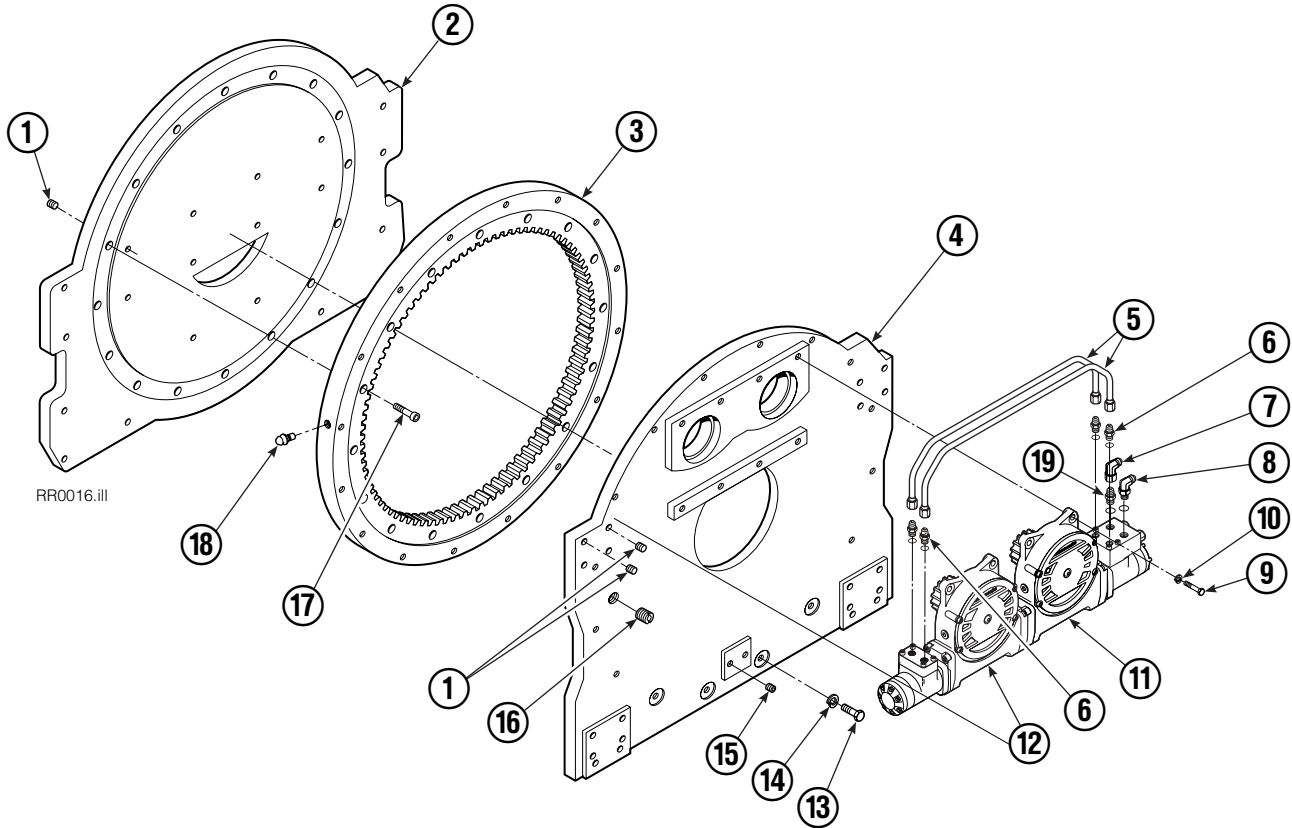
To Order Parts call: 888-227-2233, Fax: 888-329-0234

OR

Write: Cascade Corporation, P.O. Box 20187, Portland, OR 97220

Internet: www.cascorp.com

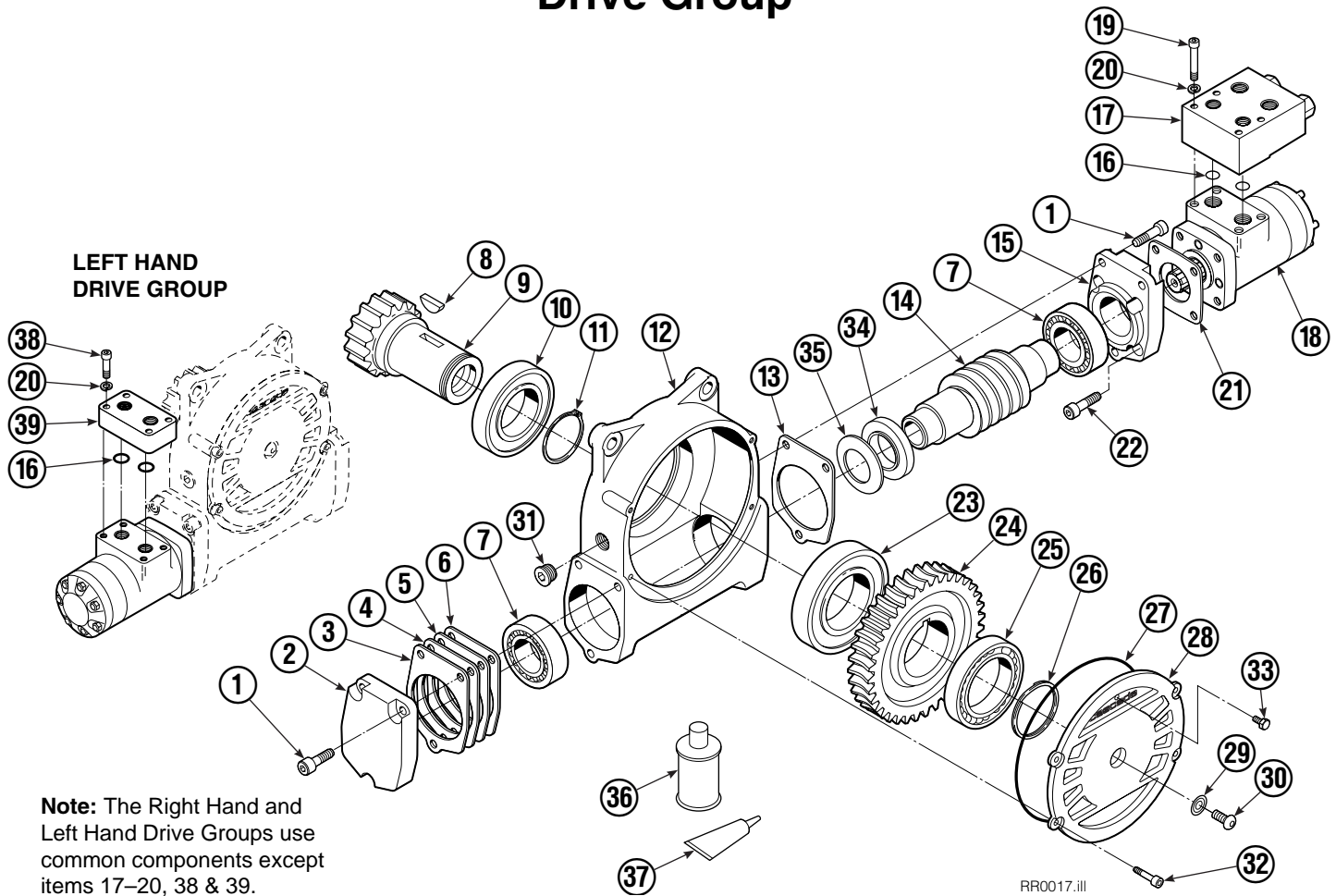
Frame Group



150D			
REF	QTY	PART NO.	DESCRIPTION
		684607	Base Unit Group
1	18	631428	Plug
2	1	670773	Faceplate
3	1	670782	Bearing Assembly
4	1	684611	Baseplate
5	2	670786	Tube Assembly
6	4	662187	Fitting, 8-6
7	1	605761	Fitting, 8-8
8	1	601250	Fitting, 8-8
9	8	661742	Capscrew, 1/2 NC x 1.25 GR5
10	8	6290	Lockwasher
11	1	670558	Drive Group - RH ▲
12	1	670562	Drive Group - LH ▲
13	16	643574	Capscrew, 3/4 NC x 2.25 GR8
14	16	6294	Lockwasher
15	2	631427	Plug
16	1	6612	Plug
17	16	607105	Capscrew, 3/4 NC x 2.00 GR8
18	1	7401	Grease Fitting
19	1	601377	Fitting, 8-8
		672483	Bearing Service Kit

▲ See Drive Group page for parts breakdown.
Reference: Common Parts Group 670781.

Drive Group

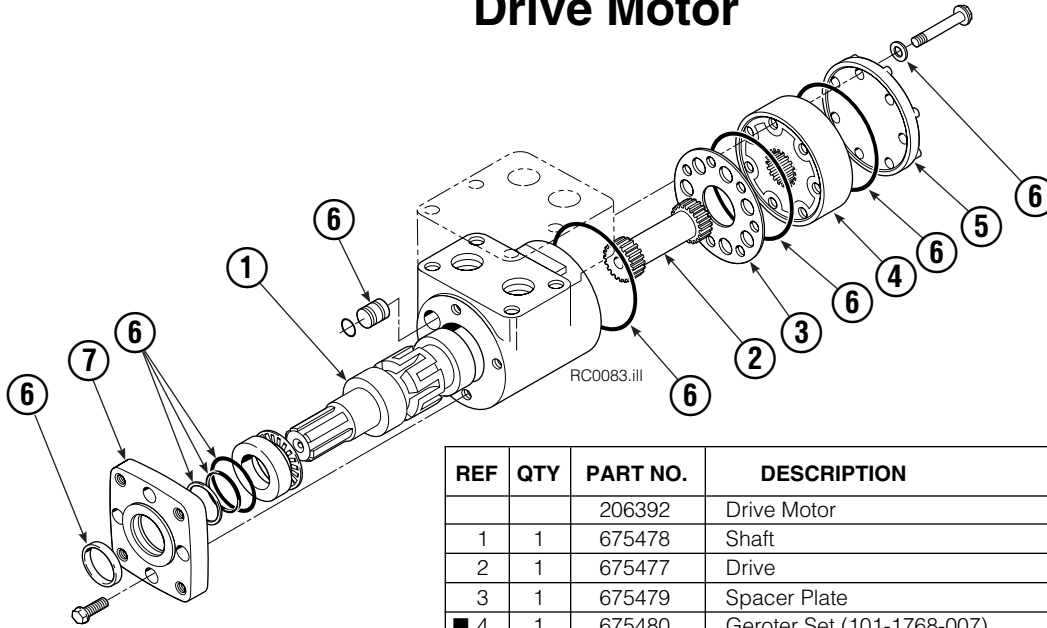


Note: The Right Hand and Left Hand Drive Groups use common components except items 17–20, 38 & 39.

REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		670558	Drive Group – R.H.	21	1	670575	Gasket
		670562	Drive Group – L.H.	22	4	4468	Capscrew, 3/8 NC x .75 GR8
	■	673896	Drive Box Service Kit – R.H.	23	1	670580	Bearing
	■	673867	Drive Box Service Kit – L.H.	24	1	676448	Worm Gear
1	6	607071	Capscrew, 7/16 NC x 1.0 GR8	25	1	670581	Bearing
2	1	676855	Cover	26	1	7214	Snap Ring
3	●	674513	Shim – .005" (blue)	27	1	643423	O-Ring
4	●	670574	Shim – .010" (brown)	28	1	670567	Cover
5	●	671757	Shim – .015" (pink)	29	1	603680	Seal
6	●	671758	Shim – .020" (yellow)	30	1	4874	Capscrew, 3/8 NC x .50 GR8
7	2	670579	Bearing	31	1	6609	Plug
8	1	670582	Key	32	4	671535	Capscrew, 5/16 NC x .75
9	1	670559	Pinion	33	1	644010	Relief Fitting
10	1	670560	Bearing	34	1	672448	Washer
11	1	3160	Snap Ring	35	1	672449	Washer Spring
12	1	670565	Housing	36	1	656300	Gear Box Lube - 48 oz.
13	1	686465	Gasket	37	1	668184	Sealant
14	1	676447	Worm	38	4	607054	Capscrew, 5/16 NC x .75 GR8
15	1	670570	Adapter	39	1	670563	Manifold – L.H. Drive only
16	2	2705	Seal			670578	Shim Service Kit (items 4,5,6 & 37)
◆17	1	670561	Check Valve – R.H. only			671583	Bearing Service Kit (items 23 & 37)
◆18	1	206392	Drive Motor			671584	Bearing Service Kit (items 4–7)
19	4	607060	Capscrew, 5/16 NC x 2.00 GR8			676449	Service Kit, (items 4–6,14,24, & 37)
20	4	6444	Lockwasher			206394	Drive Motor Kit (items 4,16,18,21 & 37)

- Includes all items except 17–20, 38 & 39.
- Quantity as required.
- ◆ See Drive Motor page for parts breakdown.

Drive Motor

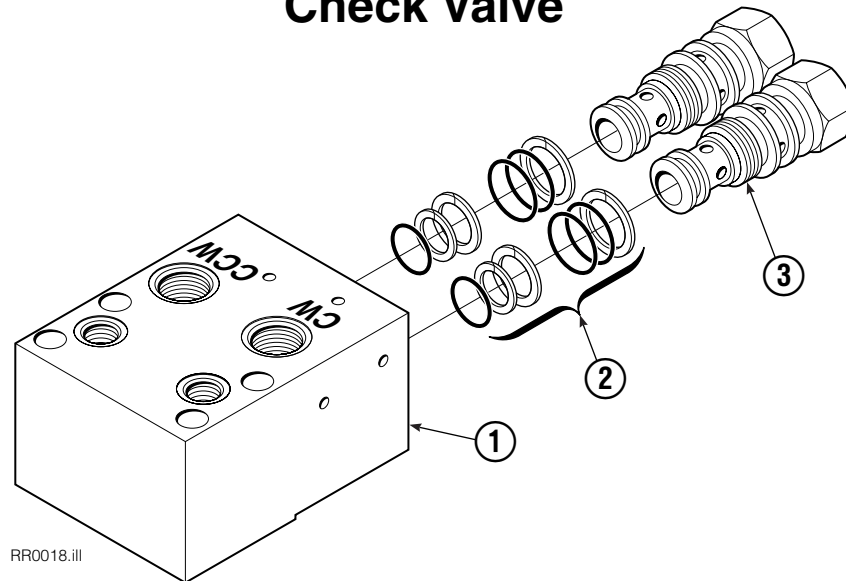


REF	QTY	PART NO.	DESCRIPTION
		206392	Drive Motor
1	1	675478	Shaft
2	1	675477	Drive
3	1	675479	Spacer Plate
■ 4	1	675480	Gerotor Set (101-1768-007)
■ 4	1	685075	Gerotor Set (101-1768-009)
5	1	675482	End Cap
● 6	1	206405	Service Kit
■ 7	1	685089	Flange (101-1768-007)
■ 7	1	685090	Flange (101-1768-009)

Cascade provides service replacement parts for the listed parts only. Due to cost, if others parts need replacement, the complete drive motor should be replaced.

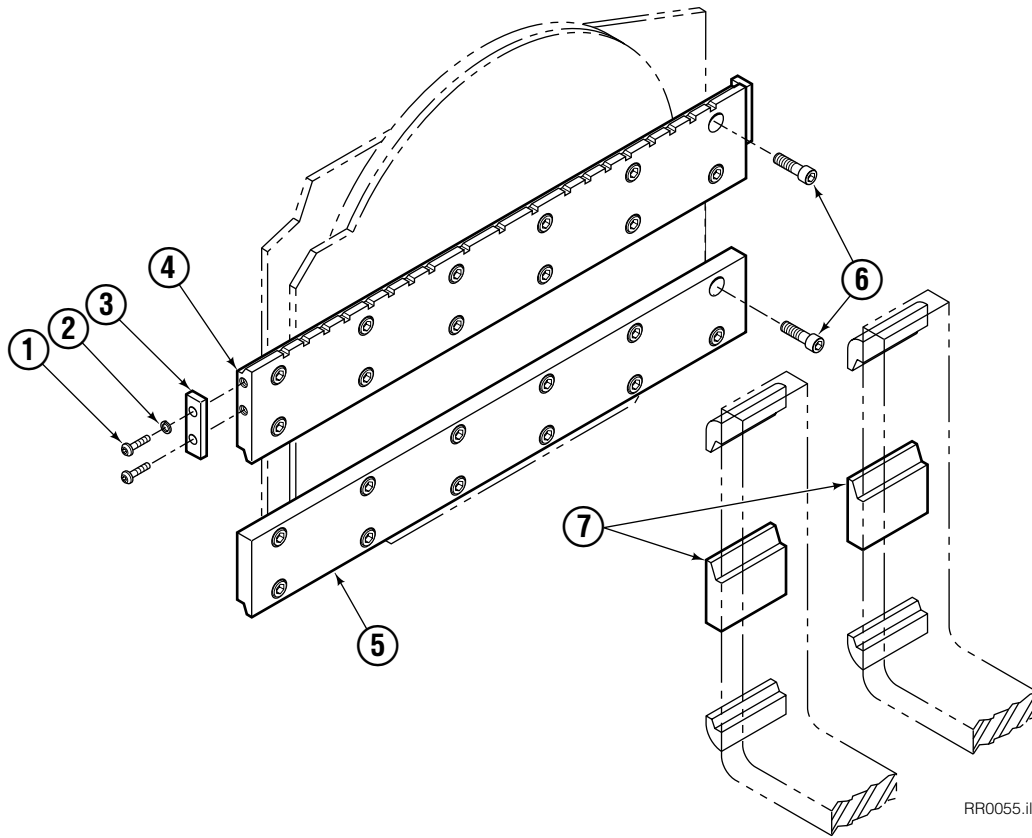
- See Nameplate under valve for correct part number of Gerotor Set and Flange.
- Compatible with water glycol based hydraulic fluids.

Check Valve



REF	QTY	PART NO.	DESCRIPTION
		670561	Check Valve Assembly
1	1	670583	Body
2	2	656223	Seal Kit
3	2	665097	Check Valve

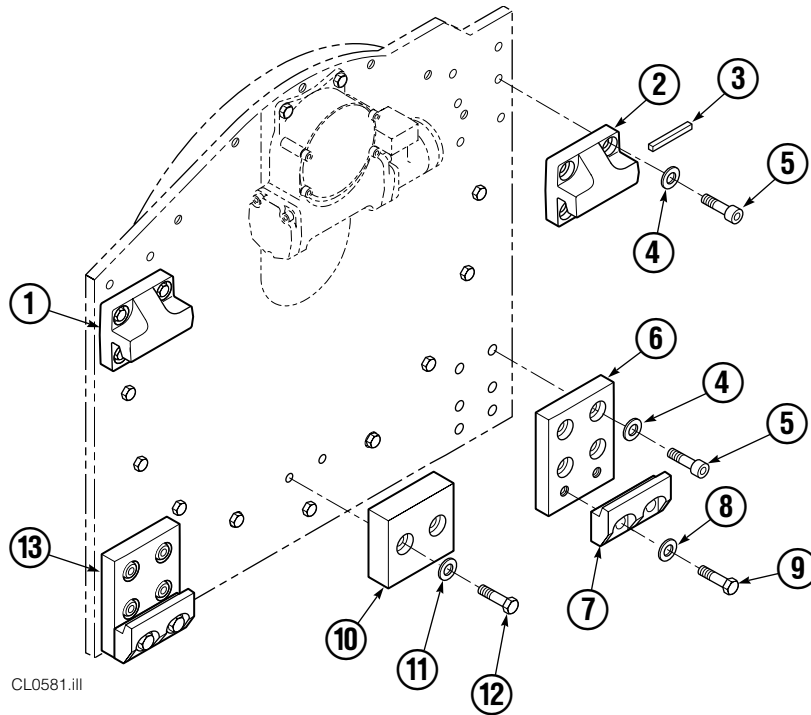
Fork Bar Group



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150D					
REF	QTY	49 in. PART NO.	61 in. PART NO.	73 in. PART NO.	DESCRIPTION
		681239	681240	681241	Fork Bar Group
1	4	4880	4880	4880	Capscrew, 1/2 NC x 1.0 GR8
2	4	6290	6290	6290	Lockwasher, 3/4 ID
3	2	622148	622148	622148	Keeper
4	1	681242	681243	681244	Upper Bar
5	1	681245	681246	681247	Lower Bar
6	24	681249	681249	681249	Capscrew
7	2	633671	633671	633671	Hook

Bolt-On Mounting Group



Class IV, 0°			
REF	QTY	PART NO.	DESCRIPTION
		682384	Mounting Group
1	1	670690	Upper Hook – LH
2	1	670691	Upper Hook – RH
3	1	670704	Stop Kit
4	14	6448	Lockwasher, 3/4 in. ID
5	14	607104	Capscrew, 3/4 NC x 1.75
6	1	682665	Adapter Plate – RH
7	2	679832	Lower Hook
8	4	670692	Washer, 3/4 in. ID
9	4	670693	Capscrew, 3/4 NC x 1.75
10	1	670695	Bumper
11	2	6290	Lockwasher, 1/2 in
12	2	3657	Capscrew, 1/2 x 2.00 in.
13	1	682664	Adapter Plate – LH

Do you have questions you need answered right now? Call your nearest Cascade Parts Department. Visit us online at www.cascorp.com

Cascade Corporation
2501 Sheridan Avenue
Springfield, OH 45505
Tel: 888-CASCADE (227-2233)
FAX: 888-329-0234

Cascade Canada Inc.
5570 Timberlea Blvd.
Mississauga, Ontario
Canada L4W-4M6
Tel: 905-629-7777
FAX: 905-629-7785

Cascade GmbH
D-41199 Monchengladbach
Klosterhofweg 52
Germany
Tel: 49-216-668230
FAX: 49-216-6682323

Cascade Finland
Albert Petreliuksenkatu 3
01370 Vantaa
Finland
Tel: 358-9-836-1925
FAX: 358-9-836-1935

**Cascade N.V.
European Headquarters**
P.O. Box 3009
1300 El Almere
Damsluisweg 56
1332 ED Almere
The Netherlands
Tel: 31-36-5492911
FAX: 31-36-5492964

**Cascade N.V.
Benelux Sales and Service**
P.O. Box 3009
1300 El Almere
Damsluisweg 56
1332 ED Almere
The Netherlands
Tel: 31-36-5492950
FAX: 31-36-5492974

Cascade (UK) Ltd.
15, Orgreave Crescent
Dore House Industrial Estate
Handsworth
Sheffield S13 9NQ
England
Tel: 742-697524
FAX: 742-695121

Cascade Scandinavia AB
Box 124
Hammarvägen 10
567 23 Vaggeryd
Sweden
Tel: 42-0-393-36950
FAX: 46-0-393-36959

Cascade Norway
Østerliveien 37A
1153 Oslo
Norway
Tel: 47-22-743160
FAX: 47-22-743157

Cascade France S.A.R.L.
1D Rue De Charaintru
BP 18, 91360 Epinay-Sur-Orge
Morangis Cedex, France
Tel: 33-1- 64547500
FAX: 33-1-64547501

Cascade Hispania S.A.
Carrer 5 Sector C
Zona Franca Duanera
Poligono de la Zon Franca
08040 Barcelona, Spain
Office No. 256
Tel: 93-264-07-30
FAX: 93-264-07-31

Cascade Japan Ltd.
5-5-41,
Torikai Kami
Settsu, Osaka
Japan, 566
Tel: 81-726-53-3490
FAX: 81-726-53-3497

Cascade Korea
108B, Namdong Ind Complex
658-3 Gojan-Dong
Namdong-Gu
Inchon, 405-310 Korea
Tel: 82-32-821-2051
FAX: 82-32-821-2055

Cascade Australia
1445 Ipswich Road
Rocklea, QLD 4106
Australia
Tel: 1-800227-223
FAX: (07) 3373-7333

Cascade New Zealand
15 Ra Ora Drive
East Tamaki, Auckland
New Zealand
Tel: 9-273-9136
FAX: 9-273-9137

Cascade (Africa) Pty. Ltd.
P.O. Box 625, Isando 1600
60A Steel Road
Sparton, Kempton Park
South Africa
Tel: 27-11-975-9240
FAX: 27-11-394-1147

Cascade-Xiamen
No. 668 Yangguang Rd.
Xinyang Industrial Zone
Haicang, Xiamen City
Fujian Province
P.R. China 361026
Tel: 86-592-651-2500
FAX: 86-592-651-2571

**Cascade (Singapore)
Trading Co.**
Four Seasons Park
Autumn Block - Apt. 1802
12 Cuscaden Walk
Singapore
Tel: 65-834-1935
FAX: 65-834-1936

