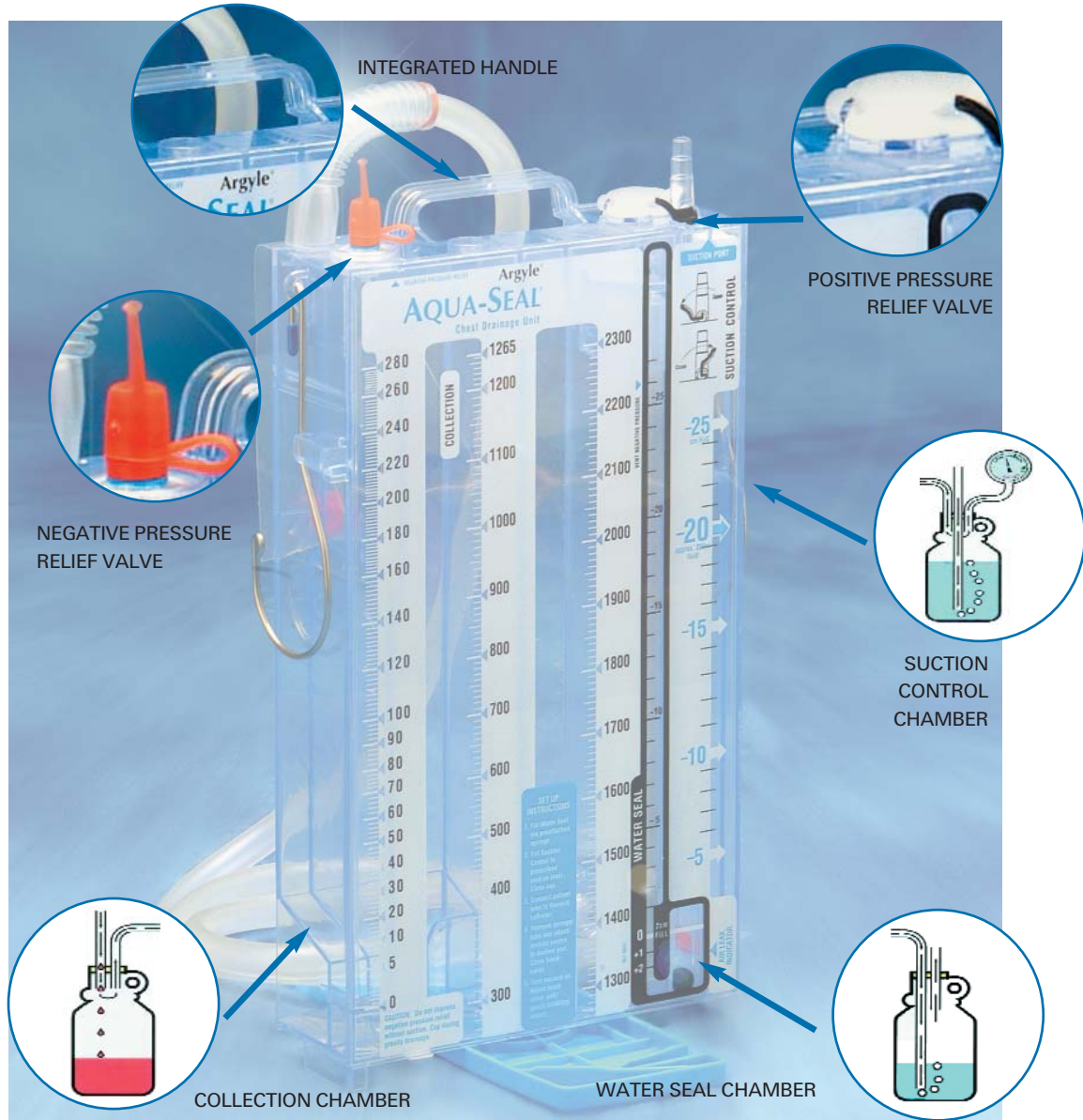




Also available with two collection chambers



Back view: Water seal access port



Aqua-Seal* - Product Specification

REF	PRODUCT DESCRIPTION	COLLECTION CHAMBER	QTY PER CASE
8888-57 1299	Aqua-Seal	2300 ml	5
8888-57 1406	Aqua-Seal dual collect. chamber	1265 and 1050 ml	5

CE
0050

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tyco
Healthcare
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Tyco Healthcare UK Limited
154 Fareham Road
GOSPORT Hampshire
PO 13 0AS
UK
Tel: +44 (0) 1329 224226
Fax: +44 (0) 1329 224334

Tyco Healthcare Regional
Export
154 Fareham Road
GOSPORT Hampshire
PO 13 0AS
UK
Tel: +44 (0) 1329 224258
Fax: +44 (0) 1329 224086

Tyco Healthcare Nederland BV
Hogeweg 105
NL-5301 LL ZALTBOMMEL
The NETHERLANDS
Tel: +31 418 57 66 00
Fax: +31 418 57 67 91
TycoHealthNed@TycoHealth.com
www.tycohealthcare.nl

Tyco Healthcare
Birchwood Court Montrose Road
P.O. Box 8108, Halfway House
1685 MIDRAND
SOUTH AFRICA
Tel: +27 (0) 11 265 2000
Fax: +27 (0) 11 265 2050

Tyco Healthcare Belgium N.V.-S.A.
Generaal de Wittelaan 9/5
B-2800 MECHELEN
BELGIUM
Tel: +32 (0) 15 29 44 50
Fax: +32 (0) 15 29 44 55
tycohealthcare.Belgium@tyco-healthcare.com

Tyco Healthcare Norden AB
Gårdsvägen 18, Box 710
SE-169 27 Solna
SWEDEN
Tel: +46-8 585 605 00
Kundservice +46-8 585 605 05
Fax: +46-8 585 605 06

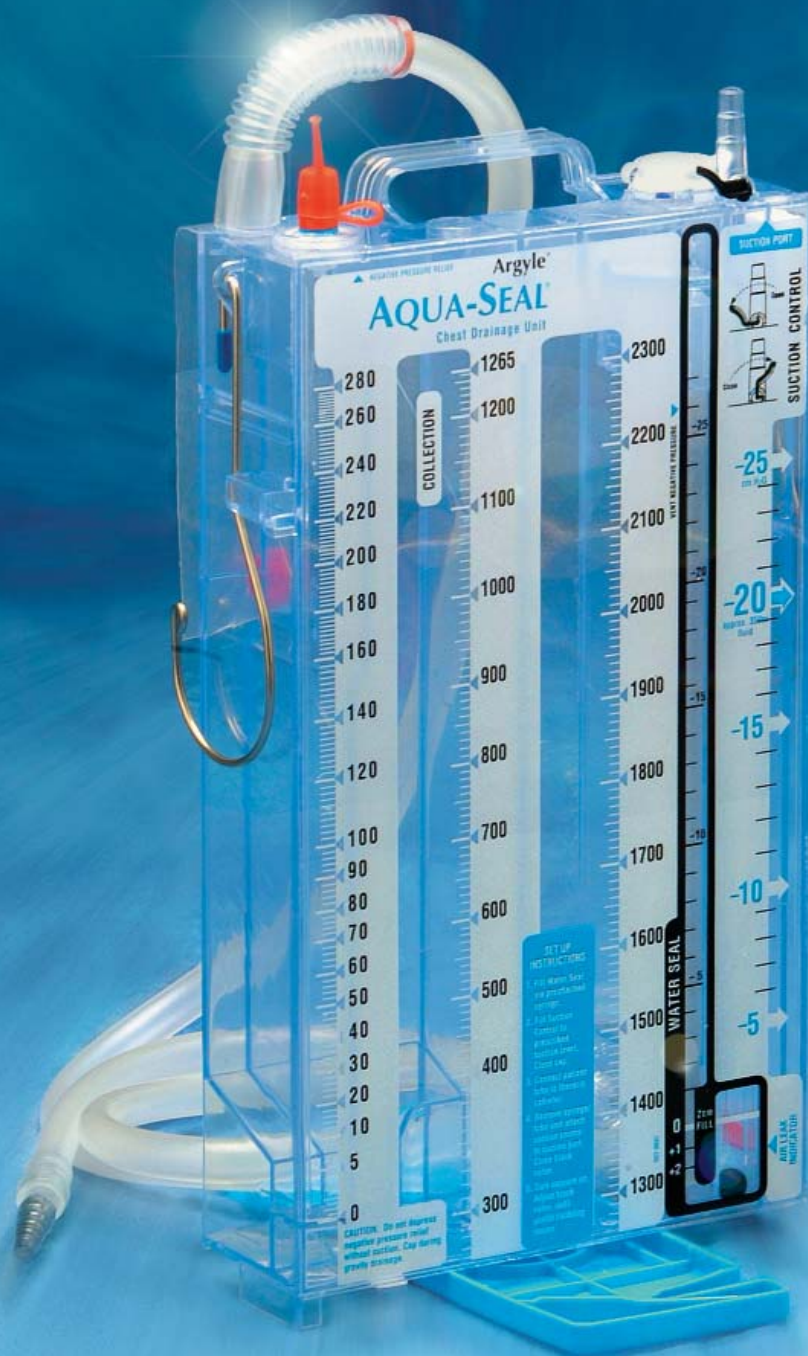
Tyco Healthcare Danmark
Langebrogade 6E, 4.th.
DK-1411 København K
DENMARK
Tel: +45-70 27 52 50
Kundeservice +45-70 27 52 50
Fax: +45-70 27 51 50

Tyco Healthcare Norge
Løkketangen 20
N-1337 Sandvika
NORWAY
Tel: +47-67 80 55 10
Kundeservice +47-67 80 55 18
Fax: +47-67 80 55 11

Tyco Healthcare Finland
Köydenpunojankatu 2D, 6 krs.
PL 340
FIN-00181 Helsinki
FINLAND
Puh +358-(0)9-6226 840
Asiakaspalvelu
+358-(0)9-6226 8418
Fax: +358-(0)9-6226 8460

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A COMPLETE
RANGE OF SAFE
SOLUTIONS



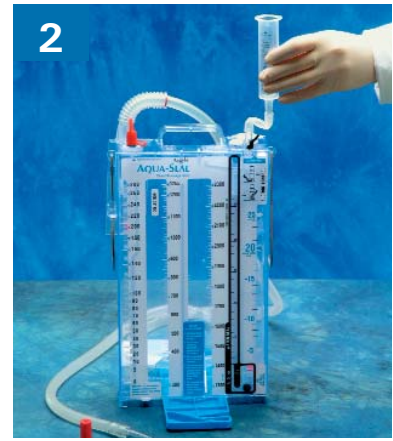
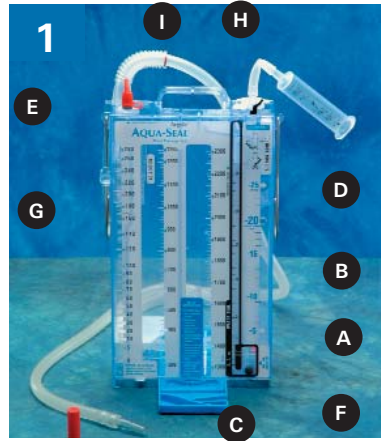
Aqua-Seal*

Three chamber system

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- A Water seal chamber
- B Suction control chamber
- C Croppable connector
- D Bubbling regulator
- E Negative pressure relief valve
- F Floor stand
- G Metal hanger
- H Positive pressure relief valve
- I Integrated handle

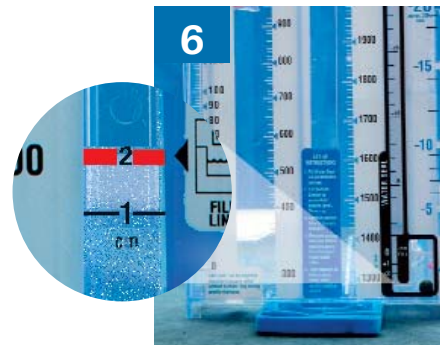
CDU Setup 1. Fill water seal chamber

- Fill syringe to top (approximately 45 ml sterile fluid)



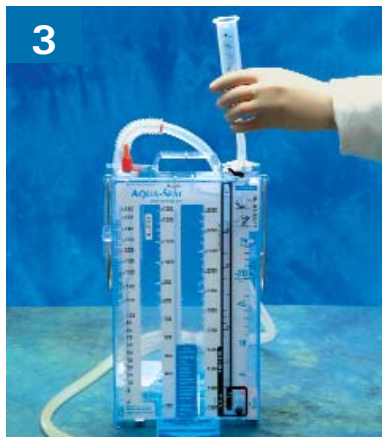
CDU Setup 4. Connections to Thoracic Catheters and Suction Source

- Remove protective cover from patient connector and connect to the patient's thoracic catheter. Tape to secure (see picture)
- Attach suction line to suction port on the top right of CDU
- To control bubbling turn the black valve in open position until gentle bubbling appears in the suction con-



Assessment and Monitoring

Tidaling	Water seal chamber		Assessment
	Tidaling	Bubbling	
Yes	Yes	Yes	Indicates patient degree of bubbling (max) and the greater resolution (seen). Be sure patient lung re-expansion.
No	No	No	Indicates a possible thoracic catheter tape all connections.
No	No	No	Can be observed associated with decreased



CDU Setup 2. Fill water seal chamber

- Raise attached syringe above Aqua-Seal CDU allowing fluid to flow into water seal chamber to the 2 cm line. Water colour will change to blue
- Discard syringe and tubing from CDU
- NOTE - water seal protection has now been established and the unit could be used for gravity drainage
- To adjust fluid in the chamber, utilise water seal access port located behind the chamber



CDU Setup 3. Fill suction control chamber

- Fill suction control chamber to the prescribed vacuum level by pouring sterile fluid directly into white opening
- Close suction control using the tethered cap. Make sure it "snaps" tightly into place



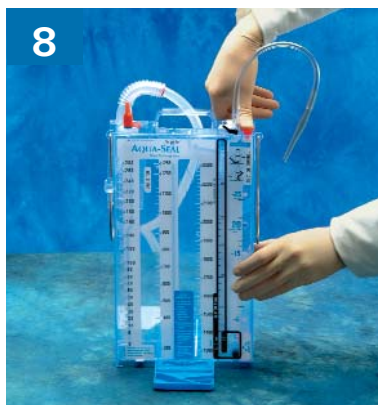
Management Chart

Identify and management of air leak

If an air leak exists and lungs are not re-expanded. The greater the amount of air leak and tidal volume, the greater the extent of air leak (pneumothorax) and the degree of lung collapse.

Management of air leak and lung re-expansion (slight tidal volume may be sufficient):

- Ensure all connection tubes are not kinked or obstructed; verify connections.
- Check for loose connection or system air leak. Momentarily pinch off the connection. If bubbling continues, a connection leak exists. Secure and re-test.
- Consider patient with partial or total pneumonectomy and disease states associated with decreased lung compliance (stiff lungs).



control chamber

Suction Control Chamber Bypass Procedure

- In order to achieve suction level greater than 25 cmH₂O bypass of the suction control chamber is necessary. Suction should be regulated with a thoracic wall regulator or portable suction pump
- Occlude opening on top of the suction control chamber with the enclosed plug
- Connect the suction source
- Turn the black valve to open position (counter clock-wise rotation)
- Regulate the suctioning from the suction source