



# Duraflex<sup>®</sup> Cobalt

Pressure Tanks

For potable water, water heating and hydro-pneumatic well applications



Version 1.01



**Automatic Heating**  
efficiency  performance  solutions



## Duraflex® Cobalt Pressure Tanks

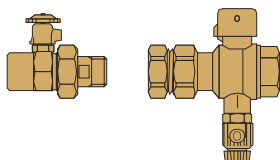
*The Duraflex® Cobalt Series are designed for potable water, water heating and hydro-pneumatic well applications*

- Threaded connections
- **Replaceable butyl (bag type) diaphragm**
- Alternative diaphragm materials available (EPDM)
- Maximum operating temperature 70°C
- Pressure boost, fire fighting applications
- All components in contact with water are coated against corrosion
- Stainless steel connection
- Available in blue durable powder coat finish
- Pre-set pressure 400kPa (Nitrogen)
- Wall mount bracket available (8-25 litres)
- Expansion capacity calculated on 300-600kPa



*For sizing calculations please phone 1800 337 959*

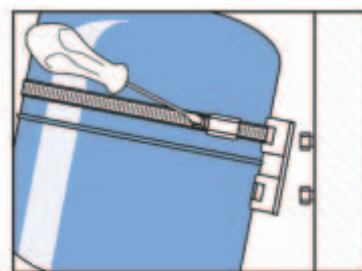
### ACCESSORIES



SUR 3/4x3/4 Protected shut off at removal through return ball

SUR 1x1 Protected shut off with cap

- protected shut-off device for inspection and removal of expansion vessels
- including discharge



DWB825 Wall hung holder with tension bar for vertical mounting – 8-25 litres



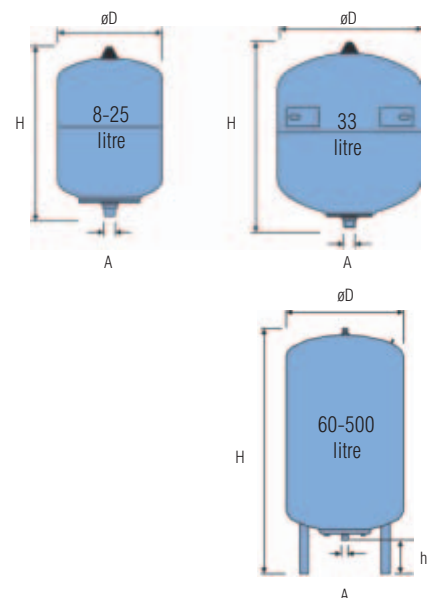
## Performance Data

Model	Capacity litres	Expansion Capacity litres	Pressure Maximum kPa	Pressure Pre-set kPa	Weight kg
<b>DX8/10</b>	8	3.5	1000	400	2.4
<b>DX8/16</b>	8	3.5	1600	400	3.5
<b>DX8/25</b>	8	3.5	2500	400	3.5
<b>DX12/10</b>	12	5.0	1000	400	3.5
<b>DX18/10</b>	18	7.5	1000	400	4.5
<b>DX25/10</b>	25	10.5	1000	400	5.5
<b>DX25/16</b>	25	10.5	1600	400	5.5
<b>DX33/10</b>	33	13	1000	400	6.3
<b>DX60/10</b>	60	25	1000	400	25
<b>DX80/10</b>	80	33	1000	400	27
<b>DX80/16</b>	80	33	1600	400	27
<b>DX100/10</b>	100	42	1000	400	32
<b>DX200/10</b>	200	84	1000	400	50
<b>DX200/16</b>	200	84	1600	400	50
<b>DX300/10</b>	300	126	1000	400	55
<b>DX500/10</b>	500	216	1000	400	85

\* Higher pressure tanks available

## Dimensional Data

Model	øD mm	H mm	h mm	A BSP
DX8/10	206	320	–	3/4
DX8/16	206	315	–	3/4
DX8/25	206	315	–	3/4
DX12/10	280	310	–	3/4
DX18/10	280	380	–	3/4
DX25/10	280	500	–	3/4
DX25/16	280	500	–	3/4
DX33/10	354	450	–	3/4
DX60/10	409	740	160	1
DX80/10	480	730	152	1
DX80/16	480	730	152	1
DX100/10	480	840	152	1-1/4
DX200/10	634	980	144	1-1/4
DX200/16	634	980	144	1-1/4
DX300/10	634	12580	144	1-1/4
DX500/10	740	1485	133	1-1/4



Automatic Heating reserves the right to change specifications without notice.



## More in the Duraflex® range

### Duraflex® Calibre

#### Duraflex® Calibre series:

- ▶ Expansion control of potable water applications
- ▶ Butyl diaphragm



### Duraflex® Cobalt

#### Duraflex® Cobalt series:

- ▶ For potable water, water heating and hydro-pneumatic well applications
- ▶ Replaceable diaphragm



### Duraflex® OEM

#### Duraflex OEM series:

- ▶ flat vessels for wall hung boiler applications



### Duraflex® refill unit

- ▶ Automatic water make-up
- ▶ Backflow prevention according to AS3500 National Plumbing and Drainage Code
- ▶ 100 kPa – 500 kPa
- ▶ Including break tank, pump and pressure switch



### Duraflex® Air and Dirt Separation

#### Duraflex® 'EcoVent'

- ▶ Automatic air removal



#### Duraflex® 'EcoTrap'

- ▶ Dirt and Sludge Separation



#### Duraflex® 'EcoTwin'

- ▶ Combined microbubble and sludge separation



### Duraflex® EcoPress

Pump-controlled 'EcoPress' opens a total new dimension to pressure maintenance.

#### Duraflex® 'EcoPress':

- ▶ Pressure control within the narrowest limits
- ▶ Central deaeration of system water content
- ▶ Automatic water make-up



### Duraflex® EcoPress Gigamat

The duraflex 'gigamat' pressure-maintaining program is tailored to the specific requirements of industrial and district heating.



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