

Duraflex Joule Expansion Tank - all sizes

SPEC SHEET

PRODUCT CODE: As below.

KEY FEATURES

- The Duraflex Joule series Expansion Tanks/vessels are designed for heating, chilled and condenser closed circuit applications.
- 10 Bar pressure Rated
- Suitable for water/glycol mixture up to 50%
- Replaceable EPDM Bladder
- Pressure gauge fitted (100L and above)
- Electrostatic powder coat finish
- Factory pre-pressurized gas chamber (nitrogen)
- Max operating temperature -10°C / 70°C
- Wall mount bracket available to be ordered for (8-25L sizes)
- Replaceable high quality Rubber Bladder. Saves having to replace the entire tank.
- Fluid separated from the steel tank wall - no risk of corrosion or system contamination.
- Expansion tanks 200L and larger include a prefitted air pressure gauge

Model	Volume (lt)	Ø D mm	H mm	c mm	Weight kg	Pre-Charge P. (bar)
16 Bar						
DJ019-16	19	280	420	1" M	7.5	2
DJ024-16	24	280	484	1" M	7.7	2
25 Bar						
DJ019-25	19	280	426	1" M	11	2
DJ024-25	24	280	476	1" M	13	2
DJ035-25	35	354	451	1" M	17	2



Capacity	Code
8L	DJ008-10
12L	DJ012-10
19L	DJ019-10
24L	DJ024-10
35L	DJ035-10
50L	DJ50-10
80L	DJ80-10
100L	DJ100-10
140L	DJ140-10
200L	DJ200-10
300L	DJ300-10
400L	DJ400-10
500L	DJ500-10
750L	DJ750-10
1000L	DJ1000-10



SCAN HERE TO
FIND OUT MORE

0800 77 78 79

flowquip.co.nz

FlowQuip
Piped Equipment Specialties

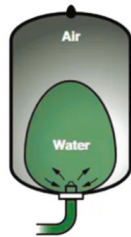
Duraflex Joule Expansion Tank - all sizes

SPEC SHEET

MORE INFORMATION

Replaceable Bladder Expansion Tanks VS Non Replaceable Diaphragm Tanks

Replaceable Bladder Expansion Tank



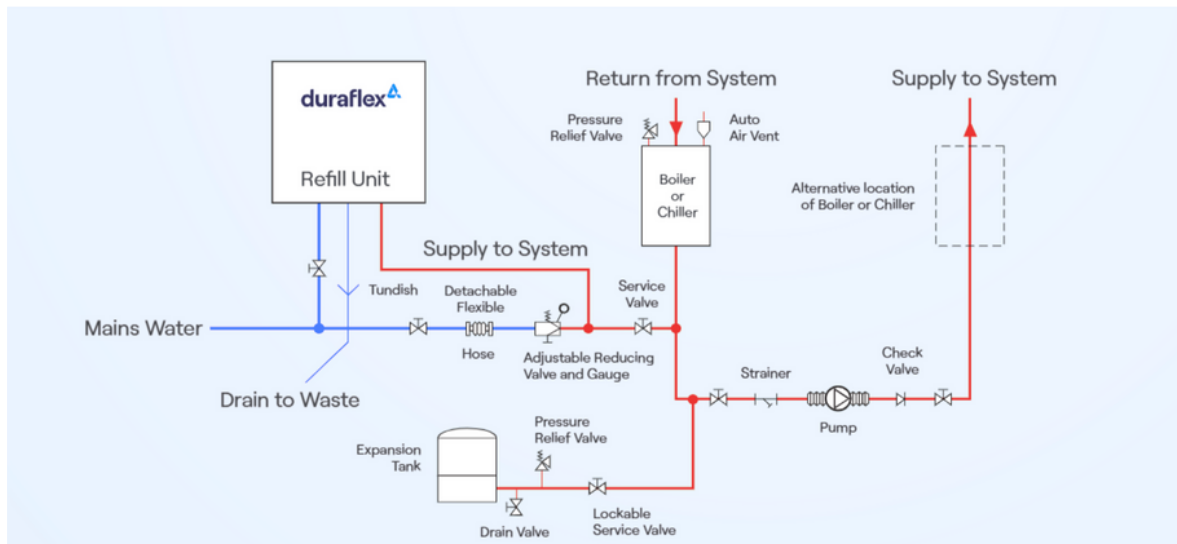
- Replaceable high quality Rubber Bladder. Saves having to replace the entire tank.
- Fluid separated from the steel tank wall - no risk of corrosion or system contamination.

Non Replaceable Diaphragm Tanks



- Cost effective however reduced lifespan
- Risk of corrosion and/or system contamination due to fluid being in contact with the steel tank wall.
- Not serviceable full replacement required in the case of diaphragm failure.

Typical layout for large volume systems



SCAN HERE TO
FIND OUT MORE

0800 77 78 79

flowquip.co.nz

FlowQuip
Piped Equipment Specialties