

ALL VALVE INDUSTRIES NEWSLETTER

March 2008

Joke of the Month

A Dept of Fair Trading official claimed that a farmer was not paying proper wages to his workers and sent an agent out to interview him.

"I need a list of your employees and their weekly pays," demanded the agent.

"Well," replied the farmer, "there's my farm hand who's been with me for 3 years. I pay him \$300 a week plus free room and board.

The cook has been here for 18 months, and I pay her \$250 per week plus free room and board.

Then there's the half-wit who works about 18 hours every day and does about 90% of all the work around here. He makes about \$10 per week, pays his own room and board, but I buy him a bottle of whisky every Saturday night. He also gets to sleep with my wife occasionally."

"That's the guy I want to talk to --- the half-wit," says the agent.

"That would be me," replied the farmer.

Feature Product:

Apollo Valves

Apollo valves are manufactured in the US by Conbraco. Their range of valves and fittings is huge and suitable for applications in marine, mining, industrial, paper and steam industries. Apollo has many speciality valves in bronze, stainless steel, carbon steel plus special alloys like titanium and nickel. The types of valves include ball valves, top entry valves, relief valves, pressure reducing valves, and so on.



With optional features available on most Apollo valves, it is normally possible to tailor the valves to suit your specific purpose. Options can include extended stems, reversed stems, oxygen cleaned, graphite packing for firesafe applications, a variety of levers and handles (e.g. lockable, oval, spring return handles), NPT, BSP or solder ends, vented ball and automatic drain, to name just a few.

Material Cert's are available upon request, along with Certificates of Compliance.

If you have need of a specialty valve to solve a problem, give us a call to discuss your requirements.



Appliances that don't work so well under pressure...

Too much water pressure can be a problem. This photo shows a water filter with the entire base blown out. This filter housing had a recommended pressure of 420kPa with most others suggesting a maximum of 350kPa, however, the mains pressure in most urban areas is usually far greater. Let's say for example the actual mains pressure was 600kPa, by calculating the total pressure on the entire base of the filter ($P \times \pi r^2$), the pressure would be in excess of 23,000kPa.



The problem: too high water pressure.

Whether a water filter, a European dishwasher or a 'flickmixer' requiring 350kPa, or, a coffee machine that requires 100kPa, you cannot install these types of appliances in an over pressured situation and expect them to perform without problems. Manufacturers will be quick to void warranties unless installations conform to their recommendations.

The solution: a pressure reducing valve

The easiest way to ensure your water pressure complies with a manufacturer's recommendations is to install a pressure reducing valve. (not a limiting valve which does not provide accurate pressure regulation and can even allow pressure to creep during static flow conditions). The Caleffi pressure reducing valve will maintain a set pressure, is adjustable, has an inbuilt strainer, is inline repairable and inexpensive. Caleffi makes regulating pressure simple.



30/205 Port Hacking Rd
MIRANDA NSW 2228

Phone: (02) 8543 5111

Fax: (02) 8543 5122

Email: info@allvalve.com.au

Visit our website!
www.allvalve.com.au

Thermostatic Mixing Valve with lockable recessed stainless steel box



5213TM Series TMV Box

The 5213TM Series TMV box features a recessed box and flush fitting lockable lid. The full stainless steel box is robust and provides ample space for easy access and maintenance

Features:

- ▶ Supplied complete with valve fully plumbed and ready to be installed and commissioned
- ▶ Approved to Australian Standards
- ▶ NSW Health approval
- ▶ Key locked lid to prevent unauthorised access
- ▶ Recessed design with oversized fascia for flush installation
- ▶ Stainless bracket to support valve
- ▶ Test point standard on mixed outlet supply

Applications:

- ▶ Hospitals
- ▶ Aged health care facilities
- ▶ Child care, school, medical centres
- ▶ Gymnasiums and leisure centres
- ▶ Hotels and restaurants

