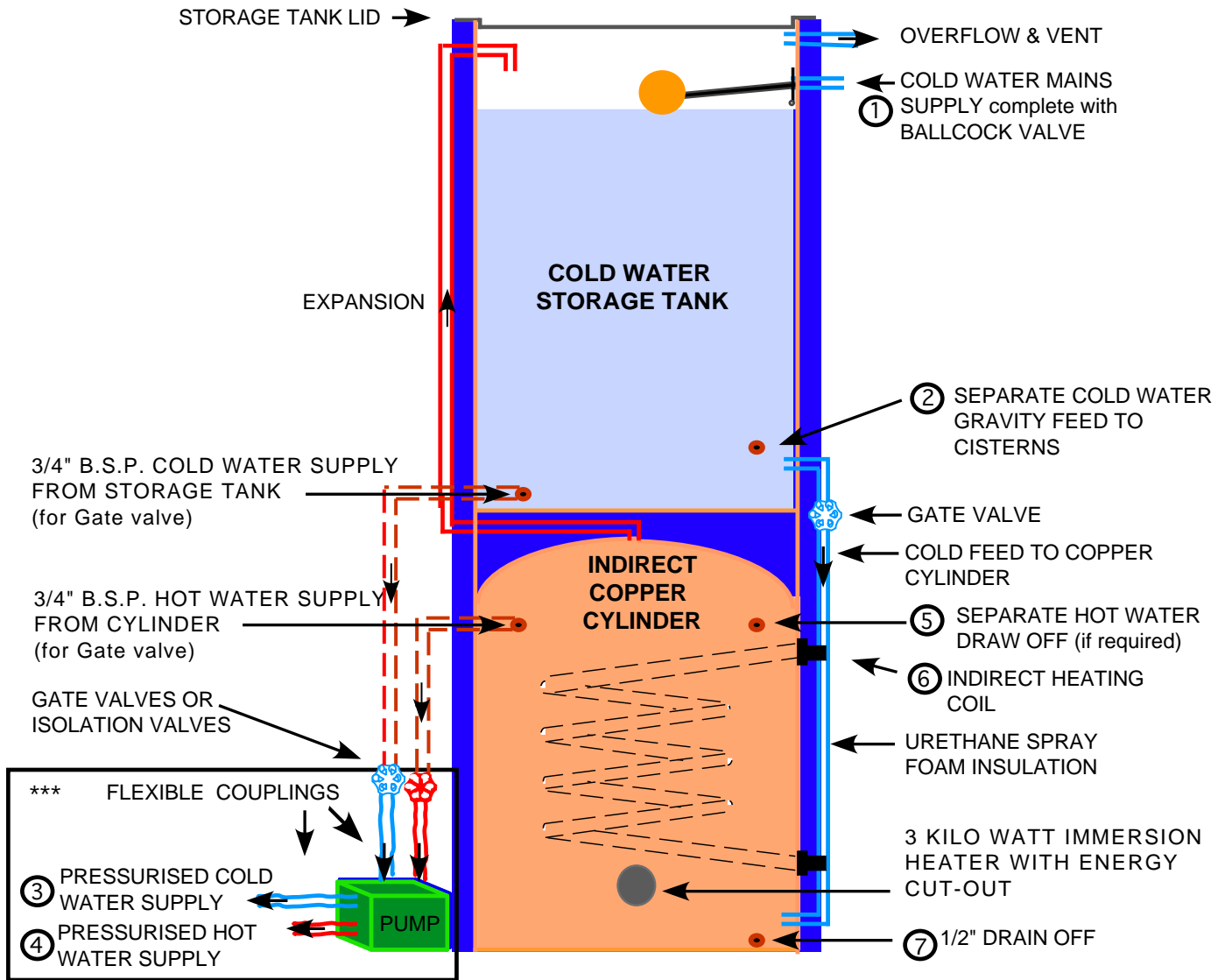


## Customised Pre-plumbed Indirect Combination Units

The Lycris-Byrne Pre-plumbed Combination Hot and Cold water storage units are designed primarily for apartments. Delivery to the outgoing hot and cold supplies may be by gravity feed or pump.

Each unit comprises of a cold water storage tank mounted over an indirect copper cylinder (hot water storage), relevant isolation valves, energy cut-out electric immersion heater, internal feed and expansion piping. The entire unit, except the cold water storage tank lid, is insulated.



\*\*\*If pump used, recommended positioning of pump and flexible couplings. Flexible couplings must be used with pump.

### IMPORTANT:-

Electric Immersion Heaters may require further tightening prior to energising and testing.

The entire Combination Unit must be filled with water before the Immersion Heaters are energised.

The Immersion Heaters are fitted with a high limit safety cut-out.

# LYCRIS-BYRNE LIMITED

Fairgreen Road, Bray, Co. Wicklow.



**guaranteed irish™**  
promoting irish excellence



## Customised Pre-plumbed Indirect Combination Units

### TECHNICAL DATA:-

### AVAILABLE SIZES:

- (a) 50 gallon cold water storage & 30/35 gallon hot water storage
- (b) 60 gallon cold water storage & 35/40 gallon hot water storage
- (c) 70 gallon cold water storage & 40/50 gallon hot water storage

### OUTSIDE DIMENSIONS OF UNIT: (excluding pipe-work)

- (a) Diameter: 530 mm - Height: 2100 mm.
- (b) Diameter: 580 mm - Height: 2100 mm.
- (c) Diameter: 685 mm - Height: 2100 mm.

### SPECIFICATIONS:-

Electrical: 220v/240v 50Hz Single Phase.

Options: \*3kW side entry Immersion Heater with high limit energy cut-out feature.  
\*High Recovery Heating Coil.

### Water Connection Sizes:

- |   |             |
|---|-------------|
| (1) Water Mains to Storage Tank:                                | 1/2" B.S.P. |
| (2) Separate Cold Water Feed to Cistern from Storage Tank:      | 3/4" B.S.P. |
| (3) Pressurised Cold Water supply from Cylinder (through pump): | 3/4" B.S.P. |
| (4) Pressurised Hot Water supply from Cylinder (through pump):  | 3/4" B.S.P. |
| (5) Separate Hot Water Supply from Cylinder (high flow):        | 3/4" B.S.P. |
| (6) Indirect Heating Coil (x2)                                  | 1" B.S.P.   |
| (7) Drain Off - fitted at bottom of hot water cylinder:         | 1/2" B.S.P. |

### Recommended Pump:

Negative head, twin impeller with dry run protection.