

for connection to water supply pipework, [and wherein](#)

[Preferably](#), the outer end of the arm carries an elbow for connection to water supply pipework which outer elbow is mounted for swivelling movement relative the arm for angular positioning of the [outer](#) elbow for said connection to water supply pipework.

A practical embodiment of a shower unit in accordance with the invention will now be described, by way of example only, with reference to the accompanying drawings, in which:-

Figure 1 is a front view of the pipework connection arrangement in position of use;

Figures 2 - 6 are further front views of the pipework connection arrangement of Figure 1, each showing the swivel connection arrangement in different positions of use, and

Figure 7 is an underside plan view on an enlarged scale indicating a typical extent of connection arm swinging movement.

Referring firstly to Figure 1, the pipework connection arrangement generally indicated at 10 comprises a tubular arm 11 having a swivel connection elbow 12. The elbow 12 is connected to the inlet 17 of a conventional instantaneous electric water heater assembly of shower apparatus, part of which is indicated generally at 16, by means of a swivel connection 18. The swivel connection 18 is sealed with an O-ring (not shown) in a watertight manner and enables angular movement of the elbow 12 and swing arm 11 to take place relative to the inlet 17 of the heater assembly 16.

The outer end of the arm 11 is also shown carrying an outer swivel elbow 14 which is provided with a speed fit fitting 20 for connection to water supply pipework indicated at 19. Alternatively, a conventional fitting such as a nut and olive (not shown) may be provided. The inner end of the elbow 14 is mounted on the arm 11 by means of a swivel connection 22 shown positioned along the arm. The swivel connection 22 so provided about the axis of the

## Claims

1. A shower unit having a pipework connection arrangement for connecting the water inlet of the shower unit to water supply pipework, the pipework connection arrangement comprising a tubular swing arm adapted to have a swivelling elbow connection with a said inlet whereby the arm extends radially from the swivelling elbow connection for swinging the outer end of the arm to a required position for connection to water supply pipework ~~and-~~
2. ~~A shower unit according to claim 1~~ wherein the outer end of the arm carries an elbow for connection to water supply pipework which outer elbow is mounted for swivelling movement relative to the arm for angular positioning of the outer elbow for said connection to water supply pipework.
3. A shower unit according to claim 1 wherein swivel mounting for the outer elbow is located at a position along the swing arm.
4. A shower unit according to any of the preceding claims wherein the or each swivelling elbow connection is substantially through 90°.
5. A shower unit according to any of the preceding claims wherein the plane of swinging movement of the swing arm is substantially at right angles to the plane of swivelling movement of the outer elbow.
6. A shower unit according to claim 5 wherein the plane of swinging movement of the arm is substantially horizontal in use and the plane of swivelling movement of the outer elbow is substantially vertical.
7. A shower unit according to any of the preceding claims wherein the swivelling elbow connection of the arm for connection to a said inlet is arranged to carry a water supply control valve such as a solenoid operated valve.

| 78. A shower unit according to any of the preceding claims wherein the swing arm is of variable axial (i.e. radial) extent such as by telescopic construction.

5 | 89. A shower unit when substantially as herein described with reference to and as illustrated in the accompanying drawings.

| 910. A shower unit according to any of the preceding claims when the pipework connection arrangement is fitted to, or incorporated with, a heater assembly of the shower unit.