WHAT IS CLAIMED IS:

1. A temperature-controlled fluid forcing system, comprising:

a fluid chiller configured to cool a fluid for generating chilled fluid;

a controller for controlling operation of and fluid flow from the fluid chiller;

a head unit including: a heater for heating the chilled fluid; an outlet for expelling the chilled fluid, and an annular member fixedly attached to a mounting surface of the head unit and disposed around the outlet, the annular member including an inner surface and an outer surface, and a plurality of spaced apart radial through holes extending through the annular member from the outer surface to the inner surface;

a corresponding plurality of spring-biased pins disposed in the plurality of radial through holes, each spring-biased pin comprising a head and a conical tip, each spring-biased pin surrounded by a respective coaxial spring which biases the pin to resist longitudinal displacement of the pin from the outer surface through the radial through holes; and

a rotation plate disposed about the annular member, the rotation plate including an inner surface configured to oppose the outer surface of the annular member, the inner surface having a plurality of ramps circumferentially formed therein and configured to receive at least one of the heads of the plurality of spring-biased pins; and

an accessory including a ring feature fixedly attached to or integrally formed therein and having central axis, the ring feature having defined thereon a mounting surface configured to oppose the mounting surface of the head unit and a tapered surface sloping toward the central axis and away from the accessory mounting surface and configured to oppose the inner surface of the annular member when the accessory is attached to the head unit;

wherein:

the rotation plate is rotatable from an unattached position wherein the ramped surfaces apply no radial inward force to the spring-biased pins, to an attached position wherein each ramped surface longitudinally

displaces one of the spring-biased pins inward through its corresponding radial through hole such that the conical tip of the spring-biased pin engages the tapered surface of the ring feature, thereby immobilizing the accessory with respect to the head unit; and

each spring is disposed between the head of one of the spring-biased pins and the annular member to force the one of the spring-biased pins away from the ring and towards the rotation plate.

2. The temperature-controlled fluid forcing system of claim 1, wherein the ring feature defines an inlet through which fluids may be received by the accessory from the head unit.

3. The temperature-controlled fluid forcing system of claim 1, further comprising one or more stop features formed at an end of a ramp on the inner surface of the rotation plate so as to limit rotation of the rotating plate by preventing a corresponding one or more spring-biased pins from sliding circumferentially past the stop feature.

4. The temperature-controlled fluid forcing system of claim 1, wherein the accessory comprises one of a pipe or a flexible hose.

5. The temperature-controlled fluid forcing system of claim 1, wherein the accessory comprises a temperature controlled enclosure configured to receive a device under test.

6. The temperature-controlled fluid forcing system of claim 1, wherein the annular member comprises a mounting ring.

7. The temperature-controlled fluid forcing system of claim 1, wherein the plurality of spring-biased pins and radial through holes are equally space around the inner surface of the annular member.

8. The temperature-controlled fluid forcing system of claim 1, wherein at least one of the plurality of ramps includes a detent formed therein for receiving and preventing motion of a spring biased pin in the attached position.