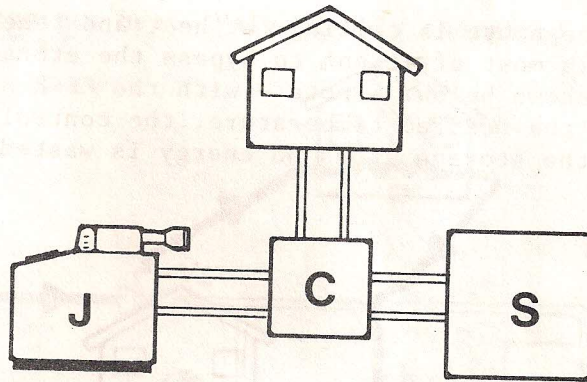


3.1 Introduction

The Kerr Jetstream uses water storage tanks to store the heat which the controlled high temperature burn produces more quickly than the typical household requires. By choosing the proper size storage tank the homeowner can have the convenience of firing his Jetstream anywhere from once a day to one day a week, drawing heat from the storage at other times.

The entire system can be pictured as consisting of 3 components: the Jetstream furnace (J), the storage tanks (S) and a control system (C) to send the heat to the house from the Jetstream, to the house from storage or to storage from the Jetstream. This is shown below:



There are 3 possible modes of operation.

MODE 1 - If the Jetstream is being fired and the house is not calling for heat, the hot water flows to the storage tank, storing heat in the large volume of water; as shown below:.

