365

DOMESTIC WOODWARE



A couple of coats of paint will make the 2 in. wide by 1 in. thick. The rails are

FIRELESS COOKER

A fireless cooker or hav-box is shown complete by Fig. 87. It consists of a wood box which is built up with four sides and a bottom, while a cover is hinged to the top edge of one side. The cooker must be fitted with a suitable metal stew-pan. and this is packed in hav, as shown in made to fit above the stew-pan

The cooker as shown in the illustrations is made up with a front and back A hav stuffing is held in place with a liner

and B, which are framed up as shown in Fig. 90. The framework in each case consists of four rails which are 1 ft. long by two screw holes for fixing to the sifter, and 2 in. wide by 3 in. thick, and are framed together with half-lapped joints similar cut in one end of the box to allow the to that shown by Fig. 91. The halflapped joints will not be very difficult to An iron handle could be fitted to the cut. They should be marked off with a cover, as shown in Fig. 82, and two handles square and marking gauge, and cut with (Fig. 86) could be fitted to the sides of the a tenon saw; while fixing them together they should be secured with glue and a couple of nails or screws. The front and back frames are lined on the inside with 1-in. boards, which are nailed to the framework. For this purpose there is nothing better than ply-wood

The front and back must now be connected with two sides c (Fig. 89), each 1 ft. 2 in. iong by 1 ft. deep by 4 in. thick of ply-wood, and they are nailed or screwed to the side rails of the front and back framework. The bottom p may also be of ply-wood, and it is 1 ft. 2 in, long by 1 ft. 1 in. wide by 1 in. thick, nailed or screwed to the bottom edges of the front, back, and sides. Two handles E are arranged at the front and back as shown in the illustrations. These handles should be 1 ft. 1 in, long by 1 in, deep by 1 in. thick, and they are simply nailed or screwed in position. The cover F is framed together, as shown in Fig. 92, and is covered on the inside with a 1-in. panel in a similar manner to the front and back. The side rails of the framework are 1 ft. 2 in. long by 2 in, wide by 4 in, thick, and the top and bottom rails are 1 ft. 1 in, long by half-lapped and screwed or nailed together, as shown by Fig. 91, while the panel is simply nailed or screwed to the framework. The cover is hinged to the back B with a pair of 2-in, butt hinges, and a catch similar to that shown by Fig. 94 is arranged at the front to secure the cover

The hav-stuffed cushion which is fitted to the upper portion of the interior of the cooker should be about 4 in, deep, and may be made up as shown by Fig. 93. For Fig. 88, while a hay-stuffed cushion is the top of the cushion cut a piece of wood 1 ft. square by & in. thick, so that it will fit between the sides of the cooker. The







93.-Details of





Fig. 89.-Body of Cooker



Fig 92.-Cover Fig. 90 .- Front and Back Frames Framework

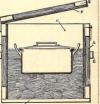


Fig. 88.-Section through Cooker

covering, which is made up in the form shown in Fig. 93, and is nailed to the upper face of the board which forms the top of the cushion. Two tape handles could be arranged on this board, as shown in Fig. 87 The stew-pan which should be used in the

THE PRACTICAL



Fig. 95.-Stew-pan for Cooker

cooker should be similar to that shown by Fig. 95. It should be of enamel-ware or, better still, aluminium, and should be 2-qt. size. The stew-pan is arranged in the cooker, as shown in Fig. 88, and is packed in hay, which should be stuffed fairly tight round the pan. The pan is placed so that when the cushion is fitted over the pan, and the cover is closed, the cushion will fit tightly on the pan

The method of using the cooker is no doubt well known. The stew-pan containing the food to be cooked is simply brought to the boil on the gas or fire, and is then placed in the hay-box cooker. The time required to cook in this way will, of course, vary with the nature of the food being treated ; but the great saving in fuel will be very evident to everyone. The cooker, when complete, could be stained and varnished.