BILL OF MATERIALS
1 - 4 1/8 x 1/8" AC EX. PLYWOOD
1 - 4 1/8 x 1/8" TEMPERED MASONITE
1 - 4 1/8 x 1/8" GALV. HARDWARE CLOTH
1 - 5/16 x 3/8" NO. 1 FIR
1/8" - 4d BOX NAILS
12 - NO. 10 WOOD SCREWS
1 - SET 1/2" HINGES & DOOR HANDLE
2 - 1 KW - 110 V. CONE TYPE HEATING ELEMENTS
2 - 1 NO. V. SURFACE MT. PORCELAIN LIGHT SOCKETS
1 - NO. V. 2870 RPM "DAYTON" MOD. 2C78I FAN W/ MOTOR
1 - NO. V. SINGLE POLE SWITCH & COVER
1 - ELECT. SWITCH BOX
1 - ELECT. JUNCTION BOX
1 - 55/175°F THERMOSTAT W/ REMOTE SENSING BULB
2 - HEAT SHIELDS 16 GA. 4"X5"
1 - 4'X5' ALUM. SCREEN WIRE
1/2" THIN-W. CONDUIT
60° BEVEL

APPLE CORING TOOL
NO SCALE

FRUIT DRYING PROCEDURE
APPLES:
A. PEEL, CORE, & SLICE IN 1/4" RINGS
B. DIP FRUIT IN BLEACHING SOLUTION* FOR 2 MINUTES.
C. PLACE PREPARED FRUIT IN LARGE PLASTIC BAGS, SEAL, & REFRI. OVER-NIGHT FOR BEST RESULTS.
D. PLACE FRUIT EVENLY IN TRAYS, & PLACE TRAYS IN DRIER.
E. SET THERMOSTAT AT 165°
F. DRY TO 15-20% MOISTURE W.B.
G. APPX. TIME REQ. TEMP. OUTSIDE AIR (HRS.) (°F)
10-11 60
9-10 70
7-8 80

PEACHES:
A. PEEL, PIT, & SLICE INTO 1/4 SECTIONS
B. DAS ABOVE
C. SET THERMOSTAT AT 145°
D. DRY TO 15-20% MOISTURE W.B.
E. APPX. TIME REQ. TEMP. OUTSIDE AIR (HRS.) (°F)
12-13 60
11-12 70
10-12 80
*FOR BLEACHING AGENT USE:
1.1 FLOZ. TEASPOONS OF 60% SODIUM BISULFITE PER QT. OF WATER.

NOTE:
(CIRCUIT: 120 V. - 20 A. MIN.

WIRING DIAGRAM

NOTES:
(I INSERTED SCREEN WIRE LINING IS SUGGESTED TO REDUCE THE POSSIBILITY OF FRUIT CONTACTING GALV. HARDWARE CLOTH.)

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS STATE OF TENNESSEE UNIVERSITY OF TENNESSEE AND UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

FRUIT DRIER
ARK. '74 6202 SHEET 3 OF 4
A - HONEYWELL MOD. T675A THERMOSTAT, 55 / 175°F
B - 120 V TOGGLE SWITCH
C - IN-LINE FUSE HOLDER W/ 20 A FUSE
D - DAYTON No. 5X850 RELAY
E - DAYTON MOD. 2C781 BLOWER
F - 1 KW - 110 V CONE TYPE HEATING ELEMENT W/ PORCELAIN BASE

NOTE:
WIRING DIAGRAM SHOWN ON SHEET 3 REQUIRES A LINE VOLTAGE THERMOSTAT RATED AT 20 AMP. RESISTIVE. IF THIS TYPE OF THERMOSTAT IS NOT AVAILABLE, THE WIRING DIAGRAM SHOWN ON THIS SHEET MAY BE USED.

THE OPERATION OF THIS DRYER REQUIRES A 110 V - 20 AMP CIRCUIT. TO PREVENT OVERLOADING OF CIRCUIT, DO NOT OPERATE DRYER ON A CIRCUIT WITH OTHER APPLIANCES.