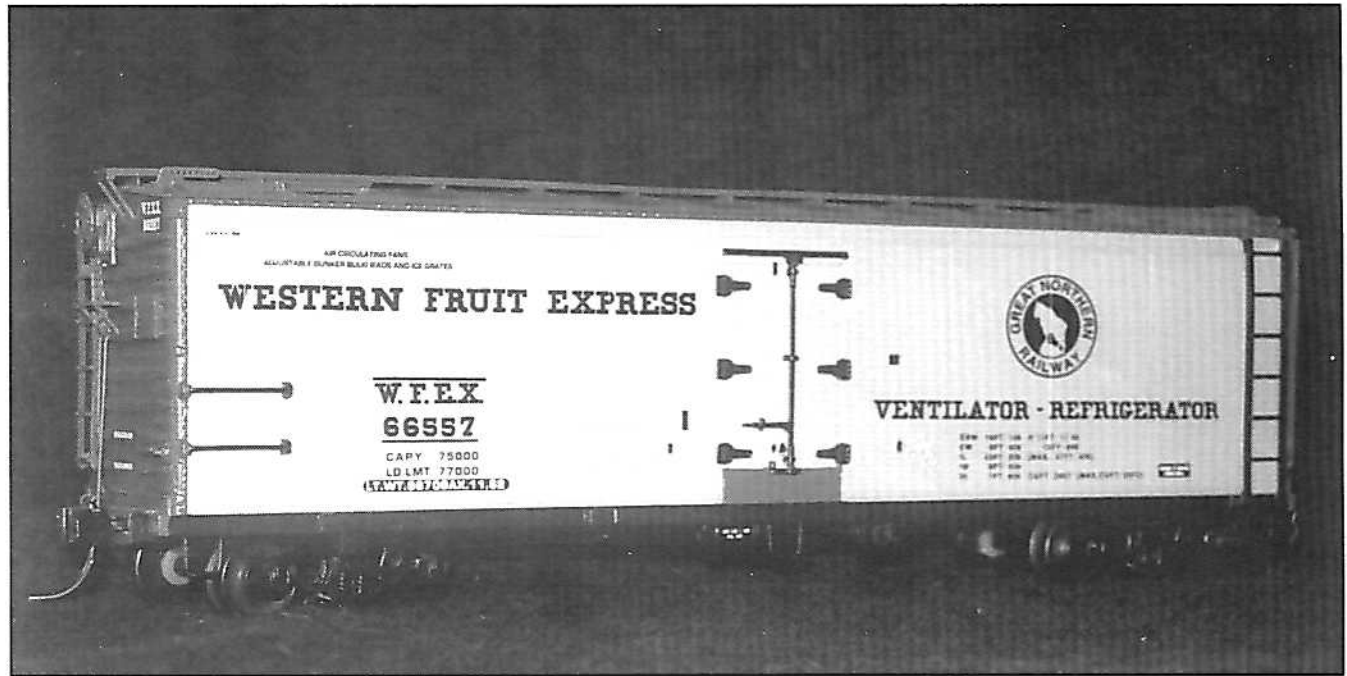


34.16-34.19



Fruit Growers System Plywood and Tongue in Groove War Time Reefers

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For its 19th Anniversary car Sunshine offers a new approach to kits: a combination of cast and etched metal parts to build the Fruit Growers System plywood and tongue in groove war time reefers.

The exigencies of World War II produced yet another unique design of freight car: the Fruit Growers System war emergency reefer. Designed to limit the use of steel sheet, the car borrowed from the proprietary FGEX riveted steel side reefer, replacing steel side sheets with plywood or, in one case, tongue in groove siding. The paneled steel roof, improved Dreadnaught ends and welded steel underframe from the design remained.

The FGEX welded underframe included a notably long side sill that extended past and under the steel ends. The ends were notched to receive this elongated side sill and poling pockets were installed in the resulting alcove. Further, the left side grabs for the wood sided cars were 3'2" long.

In 1942 the War Production Board approved the construction of 200 FGEX, 100 BREX and 100 WFEX cars. In 1944, 250 FGEX, 198 BREX (tongue in groove) and 50 WFEX cars were built. After WW II, an additional 50 FGEX and 75 WFEX cars were built for a total of 1023 war emergency cars.

Following World War II, the BREX made a concerted effort to replace the plywood siding with tongue in groove. Additionally some FGEX cars were resheathed with tongue in groove and probably WFEX cars as well.

There were minor variations between the cars. The FGEX cars did not receive fans at building. The BREX and WFEX cars did receive Preco fans immediately, according to published reports.

In 1956 there were 428 standard FGEX cars and 49 double deck cars, so that 477 of the original 500 remained. The BREX had 289 cars remaining from the original 298. Of the 225 WFEX cars, 215 were still in service.

Etched brass parts are designed to give excellent detail and improve color separation. Included are ladders, both round and square fans plates, fan housing, bracket grabs, hatch rests, hatch levers and brake step.

Full instructions, a Prototype Data Sheet, proprietary decals designed for the cars as built until the early 1950s (black background for light weight and reweigh location) and special FGE System chalkmarks are included, along with all detailing parts (except trucks and couplers). The correct trucks are available separately.

- ___ #34.16 BREX War Time plywood reefer with etched brass detailing parts, three-color logo, as built decals, \$44
- ___ #34.17 BREX War Time tongue in groove reefer with etched brass detailing parts, three-color logo, as built and early tongue in groove rebuilds decals, \$44
- ___ #34.18 WFEX War Time plywood reefer with etched brass detailing parts, GN and GN Railway logos, as built decals, \$44
- ___ #34.19 FGEX War Time plywood reefer with etched brass detailing parts, as built decals, \$44
- ___ Trucks #TP 40 Black plastic ARA cast side frame, non-sprung trucks with non-magnetic metal wheelsets, \$5

Name _____ Street _____
 City _____ State _____ ZIP _____

Add \$4.00 for shipping per five kits in U.S. (MO residents add 6.675%), Canada \$15.88 for six kits
Sunshine Models Box 4997 Springfield MO 65808-4997

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