

Refrigerated TK Equipment Information

Single Temp Trailer

SB-210-30 (diesel power only without electric standby) available with or without ETV (electronic throttling valve), available with or without electric standby (SB-210-50) 230V/3 phase or 460V/3 phase, most popular full size trailer unit made. Good in applications from 32' to 53' depending on insulation and required load temperature. SR-2 controller and X430L compressor.

SB-310-30 (diesel power only no electric standby available) Higher capacity than SB-210, ETV standard.

Good in applications up to 53' and better at frozen temps than SB-210 due to added capacity. SR-2 controller and X430L compressor with 486VH (higher HP) motor.

SB-400 (diesel power only no electric standby available)

Greatest capacity at low temps, i.e. -20 more than any other unit, ideally suited for low temp applications, i.e. ice cream. up-VI controller and S-391 screw compressor. (Seldom specified by Ryder)

SB-110-30 (diesel power only no electric standby available) Lower capacity than SB-210, suitable for some applications 26-48 foot long trailers. SR-2 and X426L compressor. (Very seldom specified by Ryder)

S-II-190-30 (diesel power only no electric standby available) Available with or without ETV. Less capacity than SB series units, usually identified for 'pup' trailers, 24-36' long. Limited in applications up to 48'. Uses up-VI controller and X430L compressor. (Sometimes identified for pup trailer and limited longer trailer applications by Ryder) (This variant, frame and evaporator opening, is no longer made and is uncommon to the industry today.)

Multi-temp Trailer

Spectrum SB (diesel powered only, a few units may have been specifically built with 230V/3 phase electric standby but they would be rare), (cross divided multi-zone temperature control system) Available in either 2 or 3 temperature control zone systems using S-3 (3-fan) remote evaporators individually or together in a given remote zone. Most common version of multi-temp unit in the Ryder system suitable for both 'pup' and trailers up to 53' long. Usually requires side door(s) on the trailer.

Spectrum Super-II (S-II) (diesel powered only), cross divided multi-zone temperature control system) Available in either 2 or 3 temperature control zone systems using S-3 (3-fan) remote evaporators individually or together in a given remote zone.

Usually used in shorter 26-36' 'pup' trailers but could accommodate some applications up to 48' long. Usually requires side door(s) on the trailer. (Less popular than the SB variant but some specific fleets may have quantities of the S-II Spectrum)

Spectrum DE (SB platform, diesel powered only) LONGITUDINALLY divided, right to left. Available with a single S-3 rear remote evaporator to make a 3-zone configuration available with limited Z-3 capacity. Usually a 2-Zone application usually without side doors, everything comes out of the rear. (Seldom specified by Ryder)

Spectrum multi-temp trailer units use the up-IV MT controller and X430L compressor. Earlier and later models use other controllers and compressor variants.