



**EPIC/SIGNAL COOLING ZONES AND REPLACEMENT PARTS
FOR SUPERBA-TYPE HEATSET LINES**

ZONAS DE ENFRIAMIENTO DE EPIC/SIGNAL Y PIEZAS DE RECAMBIO

Epic Enterprises, Inc., P.O. Box 979, Southern Pines, NC 28388-0979 USA
Telephone Toll Free 800-648-7273 or 910-692-5441 Outside USA
Fax Toll Free 888-692-4147 or 910-692-4147 Outside USA
Website: <http://www.epicenterprises.com> E-Mail: epic@epicenterprises.com



Position	OEM Ref. Nos.	Epic No.	Description
SI04-01		CC-CS-100	Cooling Zone, 1.0 Meter, ASME <i>Zona de Refrigerante, 1.0 Meter</i>
SI04-01A		CC-CS-151	Cooling Zone, 1.5 Meter, ASME (Includes 3 EE102004 Stainless Steel Roller Assemblies) <i>Zona Refrigerante, 1.5 meter con Ensamble de 3 Rodillos de Azero Inoxidable Sopurte de Correa en Zona Refrigerante, 1.5 Meter</i>
SI04-01B		CC-CS-201	Cooling Zone, 2.0 Meter, ASME (Includes 3 EE102004 Stainless Steel roller Assemblies) <i>Zona de Refrigerante, 2.0 Meters, con Conjunto de 3 Rodillos de Azero Inoxidable</i>
SI04-01C		CC-CS-301	Cooling Zone, 3.0 Meter, ASME (Includes 4 EE102004 Stainless Steel Roller Assemblies) <i>Zona de Refrigerante, 3.0 Meters con Ensamble de 4 Rodillos de Acero Inoxidable</i>
SI04-02		CC-CS-103-1	Support, 1.0 Meter Cooling Zone Belt <i>Soparte para correa en Zona refrigerante, 1 Meter</i>
SI04-02A	30-238	CC-CS-153-1	Support, 1.5 Meter Cooling Zone Belt <i>Sopurte de corea en Zona Refrigerante, 1.5 Meter</i>
SI04-02B		CC-CS-203-1	Support, Cooling Zone Belt, 2.0 Meter <i>Soporte de Correa en Zona Refrigerante, 2.0 Meter</i>
SI04-02C		CC-CS-303-1	Support, Cooling Zone Belt, 3.0 Meter <i>Soparte de Correa en Zona Refrigerante, 3.0 Meter</i>
SI04-03		CC-CS-104	Coil, Finned Cooling, 1.0 Meter <i>Rollo de Refrigerante con Aletas, 1.0 Meter</i>
SI04-03A		CC-CS-154	Coil, Finned Cooling, 1.5 Meter <i>Rollo de Refrigerante con Aletas, 1.5 Meter</i>
SI04-03B		CC-CS-204	Coil, Finned Cooling, 2.0 Meter <i>Rollo de Refrigerante con Aletas, 2.0 Meter</i>
SI04-03C		CC-CS-304	Coil, Finned Cooling, 3.0 Meter <i>Rollo de Refrigerane con Aletas, 3.0 Meter</i>
SI04-04		260-13	Tunnel Gasket <i>Guarnicion para Tunel</i>
SI04-05		260-09	Pipe Flange Gasket 8" <i>Guarnicion, 8"</i>
SI04-06		CC-CS-100-3	Bolt, Handway <i>Tornillo para Puerto de Mano</i>
SI04-07		CC-CS-103-3	Cover, Condensate Handway (231-02) <i>Cubierta para Puerta de Mano Para condensasian</i>
SI04-08		CC-CS-103-2	Shield, Cooling Zone Condensate, 1.0 Meter <i>Proteccion de Agua de Condensacion en Zona refrigerante, 1.0 Meter</i>



Position	OEM Ref. Nos.	Epic No.	Description
SI04-08A	30-239	CC-CS-153-2	Shield, Cooling Zone Condensate, 1.5 Meter <i>Proteccion de Aqua de Condensacion in Aona Refrigerante</i>
SI04-08B		CC-CS-203-2	Shield, Cooling Zone Condensate, 2.0 Meter <i>Proteccian de agua de Condensacion en Zona Refrigerante, 2.0 Meter</i>
SI04-08C		CC-CS-203-2.5	Shield, Cooling Zone Condensate, 2.5 Meter <i>Proteccion de Agua de Condensacion in Zona Refrigerante, 2.5 Meter</i>
SI04-08D		CC-CS-303-2	Shield, Cooling Zone Condensate, 3.0 Meter <i>Proteccian de Agua den Condensacion en Zona Refrigrante, 3.0 Meter</i>
SI04-09		CC-CS-100-2	Nut, Flange <i>Tuerca para Brida</i>
SI04-10		CC-CS-100-1	Bolt, Flange <i>Tornillo para Brida</i>
SI04-11		CC-CS-100-4	Nut, Handway <i>Tuerca para Pueto de Mano</i>

Cooling zones are employed immediately prior to entry into the heatsetting zone and immediately after exit from the heatsetting zone to cool the yarn. Early Superbas came only with an entry end 0.5 meter cooling zone, but did have an exit 2.0 meter cooling zone. Trials proved that better yarn could be produced at a higher speed with longer cooling zones. Early Superba machines are most typically upgraded by adding a 1.5 meter extension to the 0.5 meter entry cooling zone or replacing it with a 2 meter entry cooling zone. Some yarns benefit from even longer 3.0 meter entry and exit zones. The 1.5 and 2.0 meter cooling zones include three Epic EE102004 stainless steel roller assemblies. The 3.0 includes four.

Air in the cooling zone is cooled by chilled water passing through finned stainless cooling coils. Cooling coils fit Epic/Signal cooling zones and are readily adapted to Superba machines.

Also see section on Epic/Signal Handway Blowers for Cooling Zones for increased speed and improved yarn quality.

Epic products are intended as replacements for worn or damaged parts in OEM products. OEM Part numbers in (parenthesis) indicate either 1) Improved design 2) the part serves the same function as the OEM part, but may differ from the OEM design, or 3) it is a component of an assembly where no OEM reference number is available, or 4) it is a repair service for the referenced OEM part.

Parts with EE designations are manufactured by Epic and are not authorized by the original equipment manufacturers.

The information herein falls within the normal range of product properties and is based on typical usage results within the industry of the products. Epic assumes no obligation or liability for any advice or information supplied by Epic. The user assumes all responsibility for determining the results and suitability of the products within the user's plant. All such information is provided gratis and user assumes sole responsibility for results obtained.

Volkman is a trademark of Saurer AG. Verdol is a trademark of ICBT.

EE is an Epic trademark designating Epic parts.

Superba is a trademark of Superba SA

© Epic Enterprises, October 2005

