

# Santech<sup>®</sup>

CV-2014  
2014 © Santech Industries, LLC  
Price \$25.00

## Automotive & Mobile Air Conditioning Compressor Re-Manufacturing Control Valve Catalog



World Class Excellence in Engineered Replacement Components



**Please note:** this catalogue is detailed by:

1. Compressor Manufacturer.
2. Outside diameter first.
3. Picture of the item by manufacture
4. Part numbers with pictures, follow each dimensional chart section.

At the front of each section is a blank print of how the dimensions are produced.

**Delivery information:**

Not All items are in Stock at Santech

**Catalogue Contains:**

1. Santech Stock items
2. All items our factory has ever produced
3. Factory stock items, will be 6-8 weeks to arrive at Santech. (small quantities accepted)
4. Newly manufactured items to your requirement are 10-16 weeks depending on the time of the year they are requested. Shortest delivery times are requests received in August to January.

**You will receive this catalogue on disc in your next shipment,  
until then please access the new catalogue on line.**

**Please contact:**  
**klaus.zenk@santech.com**  
**or**  
**beccy.deese@santech.com**  
**For assistance.**

**The Santech Associates appreciate your business.**

**Thank You**

**You are cordially invited to visit us at:**  
**Automechanika, Frankfurt, Germany**  
**Sept 16 thru Sept 20. 2014, HALL 3.1, E17**  
**<https://automechanika.messefrankfurt.com/.../en.html>**

## Terms and Condition

### TERMS:

Open Account Customers: ..... \$45.00 Minimum Order, \$15.00 Minimum Line.

C.O.D. Customers: ..... \$45.00 Minimum Order, \$15.00 Minimum Line.

..... Cash In Advance required for Special Order, non-stock items.

Cash In Advance Customers: ..... \$250.00 Minimum Order, \$15.00 Minimum Line New.

Customers: ..... \$2,500.00 Minimum Initial Order, \$10,000.00 Minimum per Year.

### SHIPPING METHOD:

If no preferred method is stated for shipment, every effort will be made to ship by the most economical method possible. Exceptional care is taken to insure safe transit of all Santech® products, receipt of which, by the designated transportation company, ends Santech's responsibility. Customers are requested to carefully inspect arriving shipments and should refuse or accept damaged products only after a damage notation is made on the freight bill in writing. Claims for delay, loss or damage should be made against

### RETURN POLICY:

The purpose of this policy is to have clear and executable guidelines to effectively authorize a credit when a Santech product purchased is unsatisfactory.

- All products returned must be pre-approved and a Return Authorization Number (RA#) attached.
- Santech will issue a full refund only for Santech® products returned with a Return Authorization Number (RA#).
- Product returned to Santech without prior approval will be refused and returned freight collect.
- Each pallet or container must be clearly marked with the RA#.
- Product must be purchased from Santech.
- Some products purchased may not be eligible for return. These non-return products include but are not limited to: chemicals, special ordered products or products that are obsolete or superseded.
- Products returned as new should be in its original packaging, clean, and in saleable condition. If repackaging is required, an additional 25% restocking fee will be charged.
- The RA needs to be requested within 30 days, and the product must be returned within 60 days after receipt.
- Customers account must be current before Santech will accept any allowable return.
- Product may not be returned in lieu of payment.
- Do not deduct any new or warranty credits from payments to be made to Santech until those credits are reflected on a monthly statement.
- Failure to do this may lead to an interruption on your account.

It is our goal at Santech to have a return policy that is beneficial to our customers and us. Changes in the market have forced us to invoke a strict return policy. Our return policy is designed to be easy, quick, and effective. Failure to comply with the above guidelines may result in at least 25% restocking fee. Please read and follow the policy above.

## Mechanical Control Valves

### A12-5100

#### Ford Scroll Control Valve



Max Dia:  
25.96mm[1.022"] Max  
Length 32.37mm[1.275"]

### A12-5101

#### Ford HCC VS18 VS16 Focus



View 1

View 2

Max Dia:  
13.81mm[0.544"] Max  
Length 54.13mm[2.132"]

### A13-5121

#### GM V5 R12



Max Dia:  
19.93mm[0.785"] Max  
Length 68.39mm[2.692"]

Red (Do not Test Under High Pressure)

### A13-5126

#### GM V5 R134a



Max Dia:  
19.93mm[0.785"] Max  
Length 68.39mm[2.692"]

(Orange) \*\*Do not test under high pressure\*\*

### A13-5227

#### GM V5 R134a



Max Dia:  
19.93mm[0.785"] Max  
Length 68.39mm[2.692"]

Purple (Do not Test Under High Pressure)

### A13-5228

#### Delphi CVC R134a



Max Dia:  
19.93mm[0.785"] Max  
Length 68.39mm[2.692"]

Yellow (Do not Test Under High Pressure)

## Mechanical Control Valves

### A13-5229

**GM V5 R134a**



Max Dia:  
19.93mm[0.785"] Max  
Length 68.39mm[2.692"]

Brown (Do not Test  
Under High Pressure)

### A13-5230

**GM V5 R134a**



Max Dia:  
19.93mm[0.785"] Max  
Length 68.39mm[2.692"]

Blue (Do not Test Under  
High Pressure)

### A13-5231

**GM V5 R134a**



Max Dia:  
19.93mm[0.785"] Max  
Length 68.39mm[2.692"]

Green (Do not Test  
Under High Pressure)

### A20-5063

**Denso 7SB16 /  
7SBU16**



Max Dia:  
19.70mm[0.776"] Max  
Length 63.03mm[2.482"]

### A20-5070

**Denso 5SA12 /  
6SBU16**



Max Dia:  
19.70mm[0.776"] Max  
Length 49.09mm[1.933"]

(Green Epoxy)

### A20-5071

**Denso 5SA / 5SL /  
6SBU / 7SBU**



Max Dia:  
19.95mm[0.786"] Max  
Length 50.27mm[1.979"]

(Clear Epoxy)

## Mechanical Control Valves / Electrical Control Valves

### A20-5072

Denso 6C17 /  
6CA17C / 7SB16C  
Early



Max Dia:  
13.77mm[0.543"] Max  
Length 57.91mm[2.280"]

### A25-5002

Sanden SD7V16 /  
PXV16



Max Dia:  
22.08mm[0.870"] Max  
Length 53.00mm[2.087"]

### A25-5003

Sanden SD6V12 /  
SD7V12



Max Dia:  
22.01mm[0.867"] Max  
Length 53.02mm[2.088"]

### A25-5004

Sanden SD7V16



Max Dia:  
21.52mm[0.847"] Max  
Length 53.08mm[2.091"]

OE Control Valve

### A75-5100

Calsonic CSV717



Max Dia:  
18.04mm[0.707"] Max  
Length 70.00mm[2.755"]

3 O-Ring

### E20-7021

Denso 6SEU16C



Max Dia:  
26.90mm[1.060"] Max  
Length  
123.07mm[4.850"]

7 O-Rings Straight  
Connector

## Electrical Control Valves

### E20-7022

**Denso 6SEU16C**



Max Dia:  
27.00mm[1.063"] Max  
Length  
118.71mm[4.671"]  
7 O-Ring 90 Degree  
Connector

### E20-7060

**Denso 5SE09C /  
5SE12C**



Max Dia:  
27.00mm[1.063"] Max  
Length 96.6mm[3.803"]

Straight Connector  
Toyota Camry/Corolla

### E20-7061

**Denso 5SE09C /  
5SE12C / 6SEU16**



Max Dia:  
26.90mm[1.059"] Max  
Length 93.32mm[3.674"]

90 Degree Connector  
Crown / Reiz / Lexus /  
Mercedes / Toyota

### E20-7064

**Denso 6SEU12 /  
6SEU16 / 7SEU16**



Max Dia:  
26.90mm[1.059"] Max  
Length 93.58mm[3.684"]

No Diode

### E20-7065

**Denso 6SEU12 /  
6SEU16 / 7SEU16**



Max Dia:  
26.90mm[1.059"] Max  
Length 93.58mm[3.684"]

With Diode

### E20-7070

**Denso 6SEU12 /  
6SEU16 / 7SEU16**



Max Dia:  
21.00mm[0.827"] Max  
Length 86.05mm[3.388"]

Citron/ Peugeot

## Electrical Control Valves

### E20-7071



**Denso 6SEU12 /  
6SEU16 / 7SEU16**

Max Dia:  
21.00mm[0.827"] Max  
Length 86.05mm[3.388"]

Citron / Peugeot / Audi /  
VW

### E20-7074



**Denso 5SE09C /  
5SER09C**

Max Dia:  
21.00mm[0.827"] Max  
Length 86.05mm[3.388"]

Toyota

### E25-7001



**Sanden PXE16**

Max Dia:  
23.84mm[0.939"] Max  
Length 71.25mm[2.805"]

Extended Connector

### E25-7002



**Sanden PXE13 /  
PXE16**

Max Dia:  
28.06mm[1.105"] Max  
Length  
100.75mm[3.967"]

With Tab and extended  
connector

### E25-7003



**Sanden PXE13 /  
PXE16**

Max Dia:  
28.00mm[1.102"] Max  
Length  
100.00mm[3.937"]

With Tab

### E25-7004



**Sanden PXE16**

Max Dia:  
24.00mm[0.945"] Max  
Length 71.05mm[2.797"]



## Electrical Control Valves

### E25-7005



**Sanden PXE13 /  
PXE16**

Max Dia:  
23.73mm[0.934"] Max  
Length 86.92mm[3.422"]

VW Jetta

### E25-7006



**Sanden SD6C12 /  
PXE13 / PXE16**

Max Dia:  
23.70mm[0.933"] Max  
Length 93.80mm[3.693"]

Peugeot 307

### E25-7008



**Sanden SD7C16**

Max Dia:  
28.10mm[1.106"] Max  
Length  
100.33mm[3.950"]

With Tab

### E75-7000



**Calsonic CWE618**

Max Dia:  
22.92mm[0.9.2"] Max  
Length 92.53mm[3.643"]

### A13-5132



**GM V5 Delphi  
CVC165 / CVC185 /  
CVC7 Calsonic  
CWW618**

Screen

### A20-5121



**Denso 5SA / 5SL /  
7SBU / 6C17 /  
6CA17 / 7SB16C**

Screen

## Control Valves in Engineering

**A13-5232**



**Delphi CVC**

Max Dia:  
21.00mm[0.827"] Max  
Length 86.05mm[3.388"]

**A70-5100**



**Diesel Kiki DCW17**

Max Dia:  
21.00mm[0.827"] Max  
Length 86.05mm[3.388"]

Audi

**E13-7053**



**Delphi CVC14 /  
CVC16**

Max Dia:  
21.00mm[0.827"] Max  
Length 86.05mm[3.388"]

Opel Astra 14-10 Opel  
Zafria 05-11

**E13-7054**



**Delphi CVC**

Max Dia:  
21.00mm[0.827"] Max  
Length 86.05mm[3.388"]

Audi / BMW / Mercedes  
/ Skoda / Polo

**E13-7055**



**Delphi CVC**

Max Dia:  
21.00mm[0.827"] Max  
Length 52.50mm[3.390"]

**E20-7054**



**Denso 6SEU12 /  
7SEU16 / 7SEU17**

Max Dia:  
21.00mm[0.827"] Max  
Length 86.05mm[3.388"]

## Control Valves in Engineering

### E20-7055



**Delphi CVC**

Max Dia:  
21.00mm[0.827"] Max  
Length 86.05mm[3.388"]

Buick Park Avenue /  
Toyota

### E20-7068



**Denso 6SE / 7SE**

Max Dia:  
21.00mm[0.827"] Max  
Length 86.05mm[3.388"]

Audi / BMW / Mercedes

### E20-7072



**Denso 5SE09C /  
5SE12C / 6SEU16C**

Max Dia:  
21.00mm[0.827"] Max  
Length 86.05mm[3.388"]

Toyota Yaris

### E20-7073



**Denso 6SEU /  
7SEU**

Max Dia:  
21.00mm[0.827"] Max  
Length 86.05mm[3.388"]

### E20-7075



**Denso 6SE / 7SE**

Max Dia:  
21.00mm[0.827"] Max  
Length 86.05mm[3.388"]

### E20-7077



**Denso 5SE09 /  
5SE12 / 6SEU16**

Max Dia:  
21.00mm[0.827"] Max  
Length 86.05mm[3.388"]

Toyota Camry /  
Highlander

## Control Valves in Engineering

### E20-7078



**Denso 5SEU9C /  
5SE12C / 6SEU16**

Max Dia:  
21.00mm[0.827"] Max  
Length 86.05mm[3.388"]

Audi / BMW / Mercedes

### E20-7079



**Denso 5SL12C**

Max Dia:  
21.00mm[0.827"] Max  
Length 86.05mm[3.388"]

Fiat / Opel

### E25-7059



**Sanden PXE16**

Max Dia:  
21.00mm[0.827"] Max  
Length 86.05mm[3.388"]

BMW

### E25-7060



**Sanden PXE14 /  
PXE16**

Max Dia:  
21.00mm[0.827"] Max  
Length 86.05mm[3.388"]

Opal Astra 04-10 / Opel  
Zefria 15-11 / Peugeot

### E25-7062



**Sanden 6C12 / 7SE**

Max Dia:  
21.00mm[0.827"] Max  
Length 86.05mm[3.388"]

Citron/ Puegeot

### E70-7001



**Diesel Kiki DCS17**

Max Dia:  
21.00mm[0.827"] Max  
Length 86.05mm[3.388"]

## Control Valves in Engineering / Control Valve O-Ring Kits

### E75-7001



**Calsonic CSE613**

Max Dia:  
23.80mm[0.94"] Max  
Length 93.30mm[3.700"]

BMW E90

### K20-2174



**Denso 6SSEU12 /  
6SEU16 / 7SEU16  
Control Valve Kit**

90 Degree Connector -  
No Diode

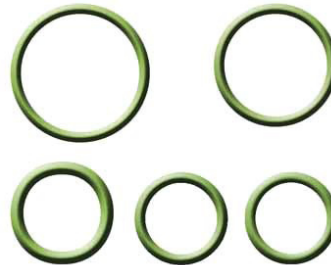
### K20-2175



**Denso 5SE09C /  
5SE12C Control  
Valve Kit**

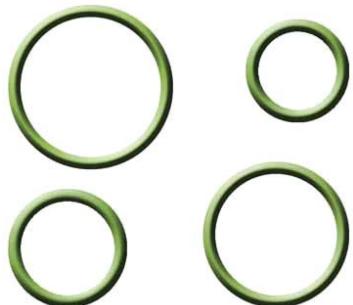
90 Degree Connector

### K20-2165



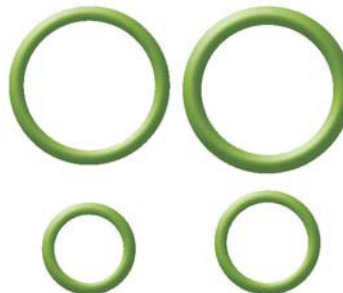
**Denso 5SE09C /  
5SE12C**

### K20-2166



**Denso 7SEU16**

### K13-2122



**GM V5 Delphi  
CVC7P / Delphi  
CVC-65 / Delphi  
CVC185**

V5 Control Valves

## O-Ring Kits for Control Valves

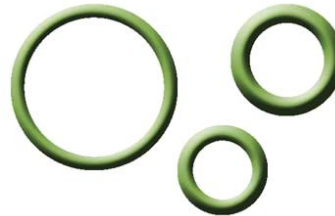
**K20-2176**

Denso 5SL12JC



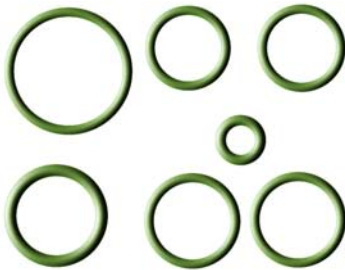
**K20-2178**

Denso 6CA17



**K20-2180**

Denso 6SEU16C



**K25-2144**

Sanden PXE13 /  
PXE16 / CVC7p



**M95-2153**

Sanden SD7V16 /  
PXV16 / SD6V12 /  
SD7V12



**T95-8008**

GM V5



All Colors

## Control Valve Test Fixtures

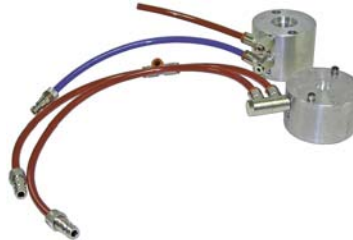
**T95-8011**

Denso 5SA / 5SL /  
7SBU



**T95-8015**

Sanden SD7V16 /  
PXV16 / SD6V12 /  
SD7V12 / SD7V16



**T95-8025**

Denso 6C17 /  
6CA17 / 7SB16C



**T95-8028**

Zexel DCW17



**T95-8029**

Denso 6SSEU12 /  
6SEU16 / 7SEU16



**T95-8033**

Zexel DSC17E



## Control Valve Test Fixtures

**T95-8034**

**Denso 5SE09C /  
5SE12C**



**T95-8035**

**Calsonic CWE618**



**T95-8036**

**Calsonic CWE618**





# Santech.

Engineered Replacement Parts <sup>TM</sup>

Leading Through Technology <sup>TM</sup>

Request the New Santech Pressure Relief Valve Catalog

# Santech.®

PRV-2014  
2014 © Santech Industries, LLC  
Price \$25.00

**Automotive & Mobile  
Air Conditioning Compressor  
Re-Manufacturing  
Pressure Relief Valve Catalog**



**World Class Excellence in Engineered Replacement Components**



# Santech.

Engineered Replacement Parts <sup>TM</sup>

Leading Through Technology <sup>TM</sup>

**Request the New Santech Components Catalog**

# Santech.

## Automotive & Mobile Air Conditioning Compressor Re-Manufacturing Components Catalog

RM-2014  
Supercedes RM-2009  
2014 © Santech Industries, LLC  
Price \$25.00



**World Class Excellence in Engineered Replacement Components**



# Santech.

Engineered Replacement Parts <sup>TM</sup>

Leading Through Technology <sup>TM</sup>

## Request the New Connectors/Pigtails Catalog

CP-2014

2014 © Santech Industries, LLC

Price \$25.00

# Santech.

## Air Conditioning Compressor Re-Manufacturing Connectors and Pigtails Catalog



World Class Excellence in Engineered Replacement Co



## Warranty Policy

### WARRANTY POLICY:

All goods sold hereunder are warranted to be free from defects in material and workmanship and/or conform to applicable specifications, drawings, or blueprints unless otherwise stated. Some items have “no warranty” and will be noted on part description. **THESE EXPRESS WARRANTIES ARE IN LIEU OF AND EXCLUDE ALL OTHER WARRANTIES OR REPRESENTATIONS, EXPRESSED OR IMPLIED BY ANY LITERATURE, DATA, OR PERSON.** Sellers sole obligation under these warranties shall be to credit or replace any item or part manufactured by Seller and which is proved to be other than as warranted.

Seller shall have the sole right to determine whether such parts shall be repaired or replaced or whether credit shall be issued. No allowance shall be made for any labor charges of Buyer for inspection, installation, or tear down for replacement of parts, adjustments, or repairs. In no event shall Seller be made liable for collateral, consequential, or contingent damages. Our products are not warranted for any time period, any measure of service, or any specific purpose.

If goods are claimed to be other than as warranted, Seller, upon notice promptly given, will either examine the goods at their site or issue shipping instructions for return to Seller (transportation cost paid by Buyer), and if any goods are proved to be other than as warranted, transportation costs (by least expensive method) to and from Seller’s plant will be borne by Seller and reimbursement or credit will be made for amounts so expended by Buyer.

Every such claim for breach of the warranties herein contained shall be deemed to be waived by the Buyer unless made in writing within ninety (90) days from the date of shipment of the goods to which claim relates. These warranties shall not extend to any goods or parts thereof which have been subject to abuse or neglect, damage by accident, rendered defective by reason of improper installation, or used for other than the express purpose for which it was designed and built. These warranties shall not apply to any goods or parts made from tools, materials, or parts furnished by the Buyer or acquired from others at his request and/or to his specification.

# *Santech*®

World Class Excellence in  
Engineered Replacement Parts™

*Distributed By:*



Santech Industries, LLC

1401 Valley View Lane, Suite 100, Irving, TX 75061

Phone: (817) 589-1212 1-800-803-9069

E-Mail: [sales1@santech.com](mailto:sales1@santech.com) - Web: <http://www.santech.com>

Innovation Driving Technology - Service - Engineered Replacement Components

