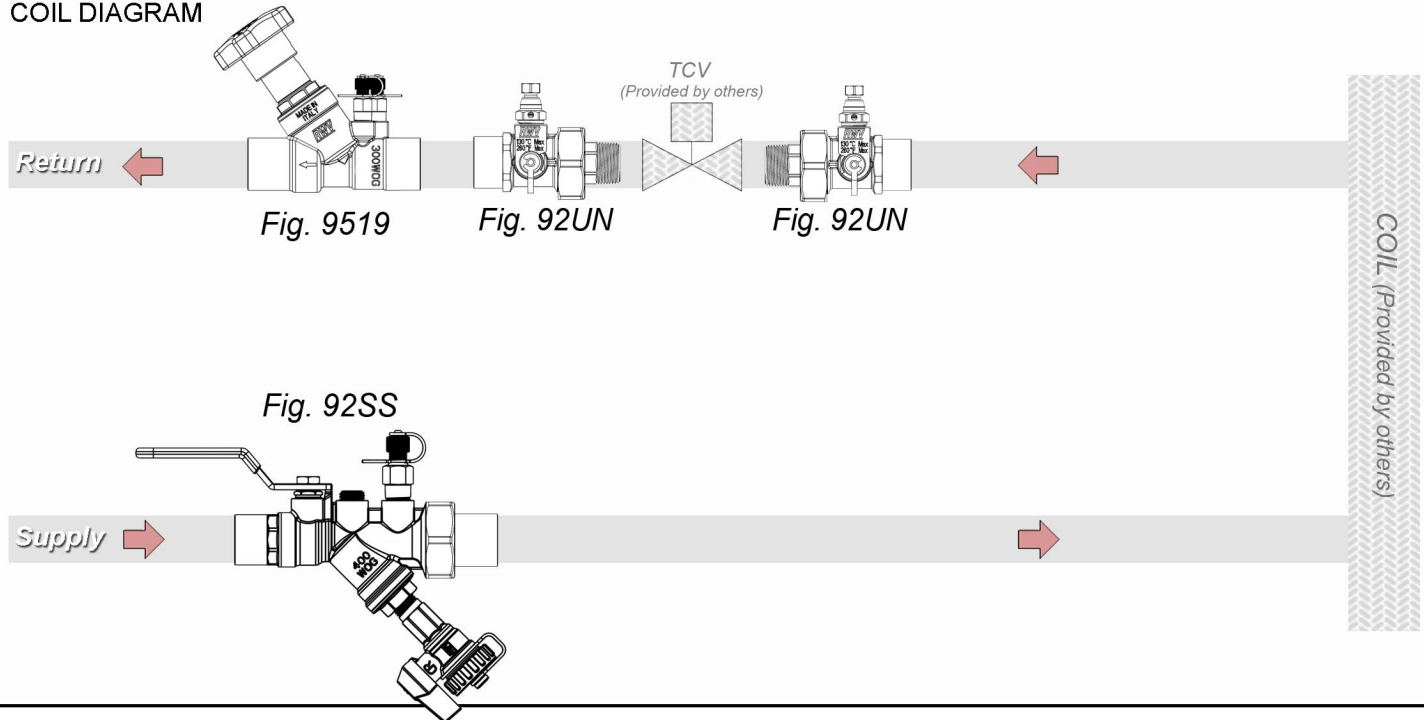


**COIL DIAGRAM**

**COMPONENT INFORMATION**

- 92SS** Combination ball valve / Y-strainer with blow down valve and P/T port, Full Port, DZR brass body, Chrome plated brass ball, 20 mesh SS screen, 400# WOG, 260°F
- 92UN** Union with manual air vent and P/T port, DZR brass body, EPDM o-ring, 400# WOG, 260°F
- 9519** Static balancing valve, Fixed orifice with venturi insert, Integral memory stop, Solder ends, DZR brass, 300# WOG, 260°F

|                   |  |
|-------------------|--|
| PROJECT           |  |
| CONTRACTOR        |  |
| PO / JOB#         |  |
| MECHANICAL DETAIL |  |
| ENGINEER          |  |
| DISTRIBUTOR       |  |
| REPRESENTATIVE    |  |
| DATE              |  |

| Size   | CKS-T/S Flow Range |       |
|--------|--------------------|-------|
|        | Recommended (GPM)  |       |
|        | Min                | Max   |
| 1/2" X | 0.12               | 0.36  |
| 1/2" U | 0.27               | 0.71  |
| 1/2" L | 0.49               | 1.17  |
| 1/2"   | 0.98               | 2.35  |
| 3/4"   | 2.19               | 5.15  |
| 1"     | 4.09               | 9.58  |
| 1 1/4" | 8.56               | 19.81 |
| 1 1/2" | 12.84              | 29.80 |
| 2"     | 24.09              | 55.63 |

## ORDERING OPTIONS

Supply/Return Line Size

|                                 |                                 |                             |
|---------------------------------|---------------------------------|-----------------------------|
| <input type="checkbox"/> 1/2"   | <input type="checkbox"/> 3/4"   | <input type="checkbox"/> 1" |
| <input type="checkbox"/> 1-1/4" | <input type="checkbox"/> 1-1/2" | <input type="checkbox"/> 2" |

Supply/Return Connection

- ☐ FNPT    ☐ Sweat
- ☐ Press    ☐ PEX (F-1960)

**Coil Connection Size**

☐ 3/8"    ☐ 1/2"    ☐ 3/4"    ☐ 1"  
☐ 1-1/4"    ☐ 1-1/2"    ☐ 2"

Note: For copper connection  
 Male / Sweat / "L" type copper

7/8" O.D. = 3/4"  
 5/8" O.D. = 1/2"  
 1/2" O.D. = 3/8"

Coil Connection

- ☐ FNPT
- ☐ MNPT
- ☐ Sweat

TCV Connection Size

|                                 |                                 |                             |
|---------------------------------|---------------------------------|-----------------------------|
| <input type="checkbox"/> 1/2"   | <input type="checkbox"/> 3/4"   | <input type="checkbox"/> 1" |
| <input type="checkbox"/> 1-1/4" | <input type="checkbox"/> 1-1/2" | <input type="checkbox"/> 2" |

TCV Connection

- ☐ MNPT
- ☐ Sweat

| Design Flow                                                                         |        |                   |       |  |
|-------------------------------------------------------------------------------------|--------|-------------------|-------|--|
| Balancing Valve<br>Size                                                             |        | Recommended (GPM) |       |  |
|                                                                                     |        | Min               | Max   |  |
|  | 1/2" X | 0.12              | 0.36  |  |
|  | 1/2" U | 0.27              | 0.71  |  |
|  | 1/2" L | 0.49              | 1.17  |  |
|  | 1/2"   | 0.98              | 2.35  |  |
|  | 3/4"   | 2.19              | 5.15  |  |
|  | 1"     | 4.09              | 9.58  |  |
|  | 1 1/4" | 8.56              | 19.81 |  |
|  | 1 1/2" | 12.84             | 29.80 |  |
|  | 2"     | 24.09             | 55.63 |  |

Stem Extensions / PT Port Extensions  
☐Yes      ☐No

Insulation (for balancing valve only)  
☐ Yes ☐ No

Additional shut-off valve (5049F) on return  
☐ Yes      ☐ No

**Drain Valve**

☐ No

☐ 5049F

☐ 241DV 1/4"

☐ 241DV 3/8"

☐ 241DV 1/2"

## Automatic Air Vent

☐ No

☐ 9390N 1/4"

☐ 9390N 3/8"

☐ 9390N 1/2"

A technical drawing of an automatic air vent. It consists of a cylindrical body with a threaded base. On top of the body is a horizontal ring with vertical ridges, and above that is a small, black, rectangular cap with a central screw.

APPROVAL

NOTES: