

Power Drain Trap – Reciprocating Compressor

[WRCT – Series]

Advantages

- ⊙ Exclusive reciprocating compressor
- ⊙ The installable small size in the bottom of R-tank.
- ⊙ Working by compressor loading and unloading
- ⊙ Free installation regardless of direction.
- ⊙ Manual drain discharge is available
- ⊙ The optional valve stucked strainer



Specifications

Model	In/Out port	Option	Using Pressure	Using Temp.	Compressor
WRCT-08	1/4"	-	0 ~ 9.9 kgf/cm ²	2 ~ 75 °C	3 ~ 20HP
WRCT-08-I	1/4", 1/2"	I-STRAINER			
WRCT-08-Y	1/2"	Y-STRAINER			

Auto drain Working Status

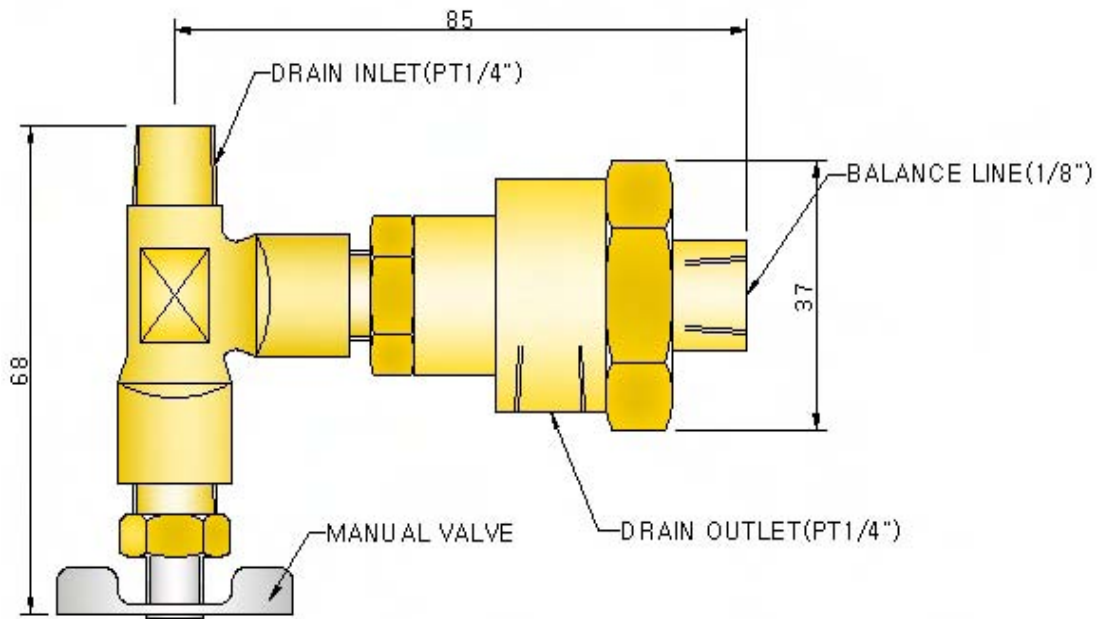
The 1st press. (R/Tank)	The 2nd press. (Head)	Compressor Working Status	Drain Status
0.2~2.0 kgf/cm ²	0.2~2.0 kgf/cm ²	Same pressure (In the case of compressor working)	OPEN
Over 2.0 kgf/cm ²	Over 2.0 kgf/cm ²	Same pressure (After pressure rising)	CLOSE
Over 5.0 kgf/cm ²	2.0~4.0 kgf/cm ²	In the case of Compressor running- Loading/Unloading	OPEN

* The 1st press. : Inside pressure of air receiver tank (Inlet pressure of trap)

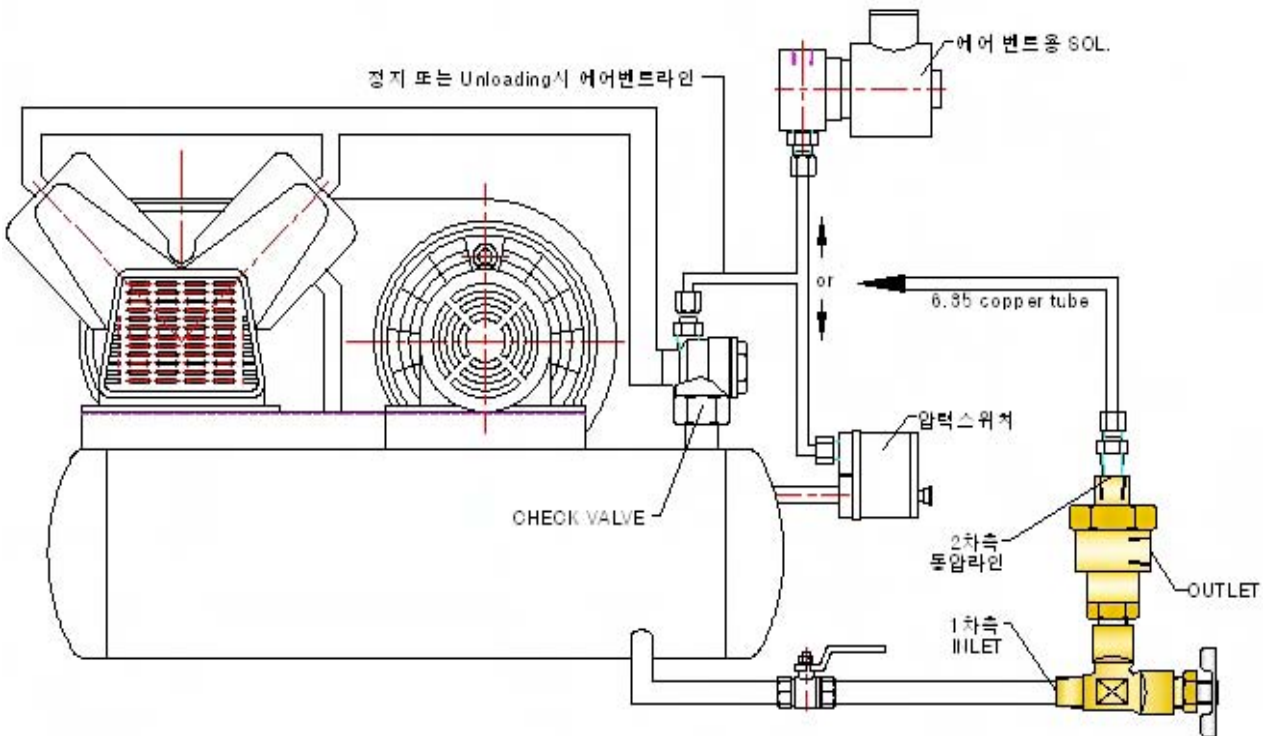
* The 2nd press. : Pressure between compressor head & check valve (Balance line pressure of trap)

WRCT-SERIES Dimension / Installation

1. Dimension



2. Installation



1. Stop air compressor and install.
2. The 1st piping of trap: Connect to the drain of receiver tank
3. The 2nd piping of trap: Connect to the using air vent line (Solenoid valve or pressure switch)
4. Check how it works after installation (Refer to the previous page *Auto drain Working Status*)