

SRC-W & SW series compressors

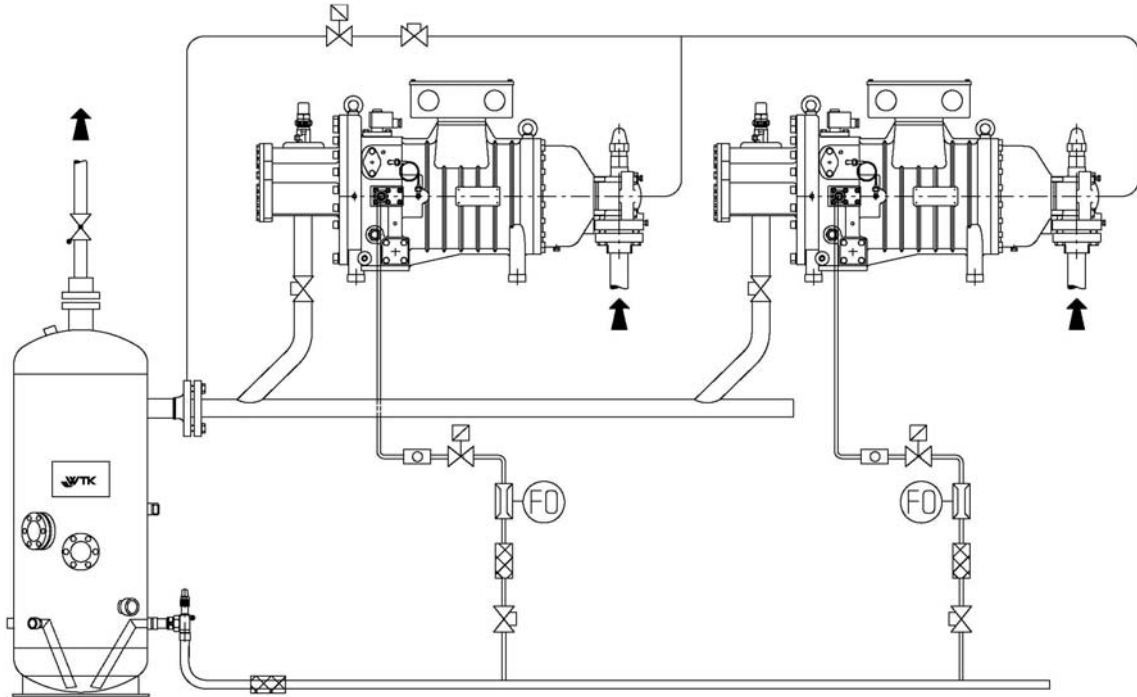
Parallel compounding

(WA-13-02-E)

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13. Parallel Compounding

The parallel compounding of 2 or more compressors with one common oil separator is possible (up to 6). The following schematic picture shows a 2-compressors circuit (parallel operation with common oil separator).



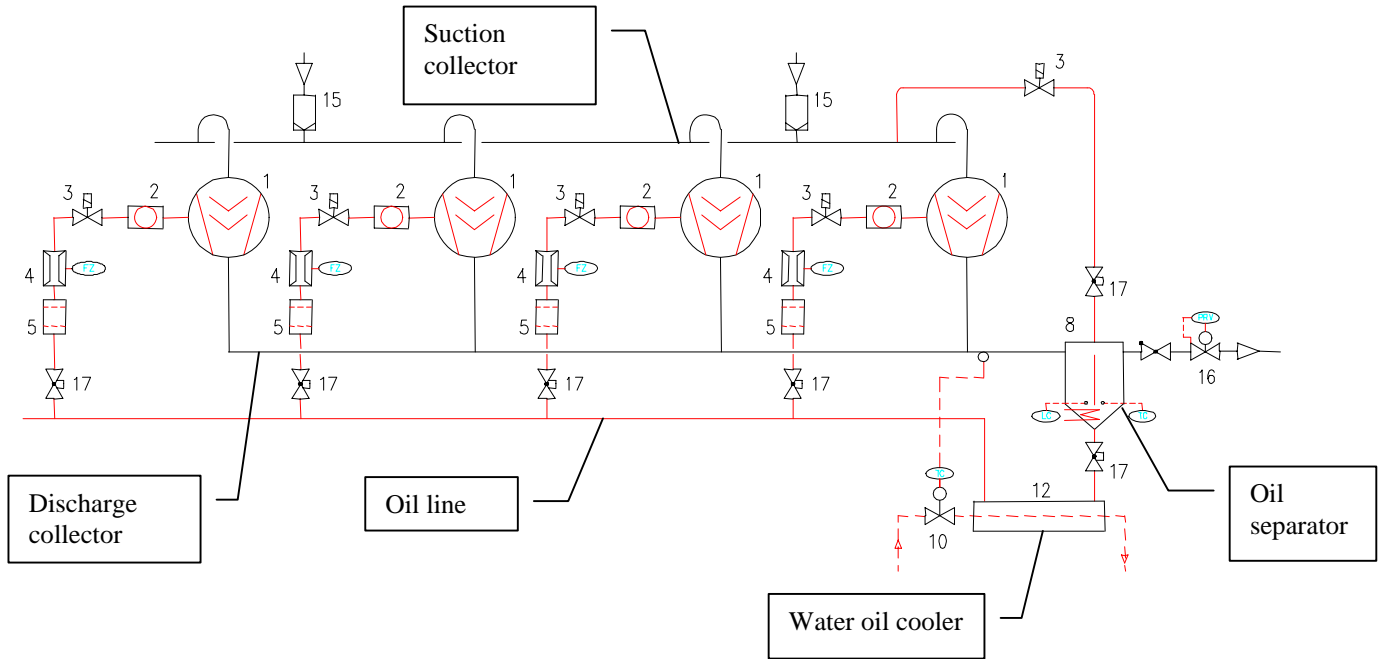
Picture 13-A: Parallel compounding with two or more compressors

Pipe layout of discharge line:

The single discharge lines should ensure a sufficient fall, in this way we have a free drainage in the oil separator. The common discharge line should be fitted horizontally like in the Picture 13-A with a right angles or in the direction of flow.

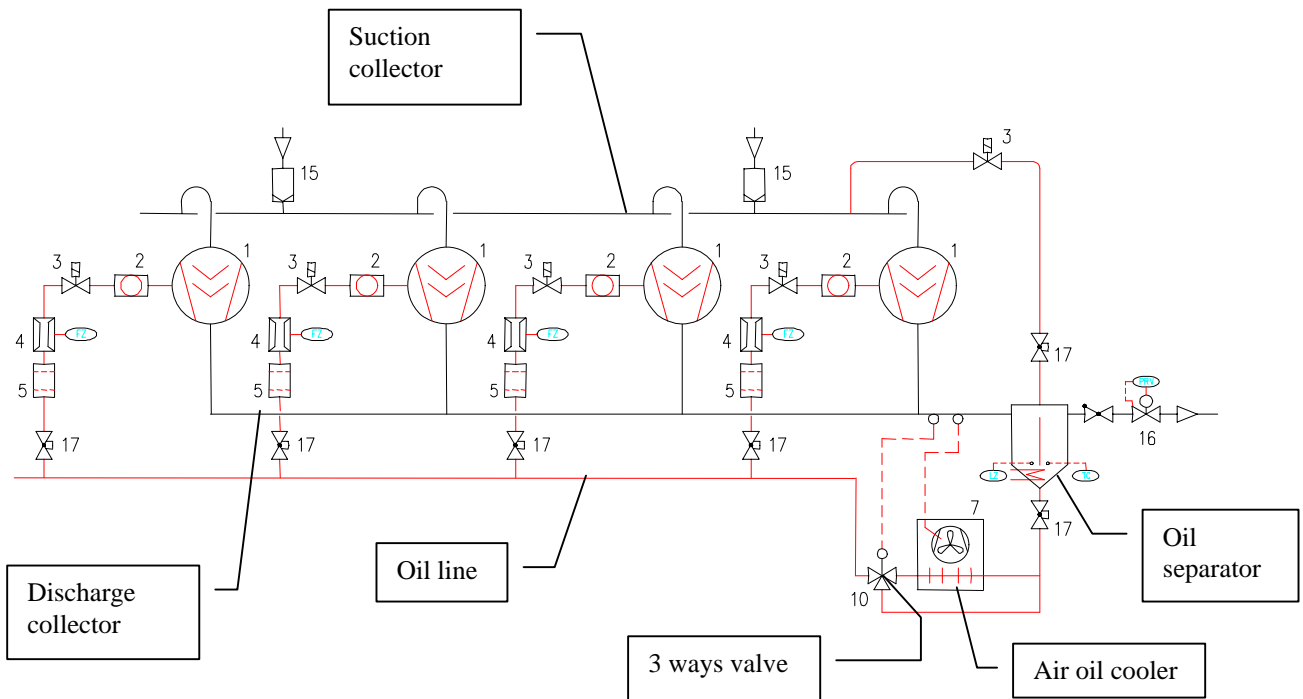
13.1 EXAMPLES OF PARALLEL COMPOUNDING LAY-OUT

Example of parallel compounding with common oil separator and common water oil cooler:



Picture 13-B: Parallel compounding with common water oil cooler

Example of parallel compounding with common oil separator and common air oil cooler:



Picture 13-C: Parallel compounding with common air oil cooler

