KAESER COMPRESSORS

Built for a lifetime.™

Air Treatment

Mechanically Actuated Drain Traps

Standard Features:

- Robust steel construction
- Wide variety of applications
- Two different connections available
- Impervious to synthetic lubricants

Eliminate the cost of manual operation

Kaeser compressed air condensate drain traps automatically discharge moisture and oil from compressed air systems. Typical applications include draining condensate from separators, receiver tanks, intercoolers, aftercoolers, dryers, filters, and drip legs.

Using Kaeser drain traps in your compressed air system reduces plant operating costs. There is no longer a need to waste expensive compressed air through pet-cocks and valves left open to bleed off condensate. Work hours spent manually draining compressed air lines and equipment can also be reduced.

Unattended drain lines in your compressed air system can fill with liquid, flood the system, and interfere with production equipment. Kaeser's drain traps operate automatically and eliminate these risks.

Mechanically actuated traps

Kaeser's mechanically actuated traps are designed for heavy duty service. With only two moving parts, they are exceptionally reliable. Best of all, they are versatile and can be adapted to a wide range of applications. Impervious to synthetic lubricants, models are available for maximum working pressures to 500 psig. Stainless steel models are also available. Top connection models are ideal for applications where there is ample room to suspend the drain trap below a vessel. Bottom connection models are designed for applications where there is minimal clearance between the vessel being drained and the floor.

Technical Specifications

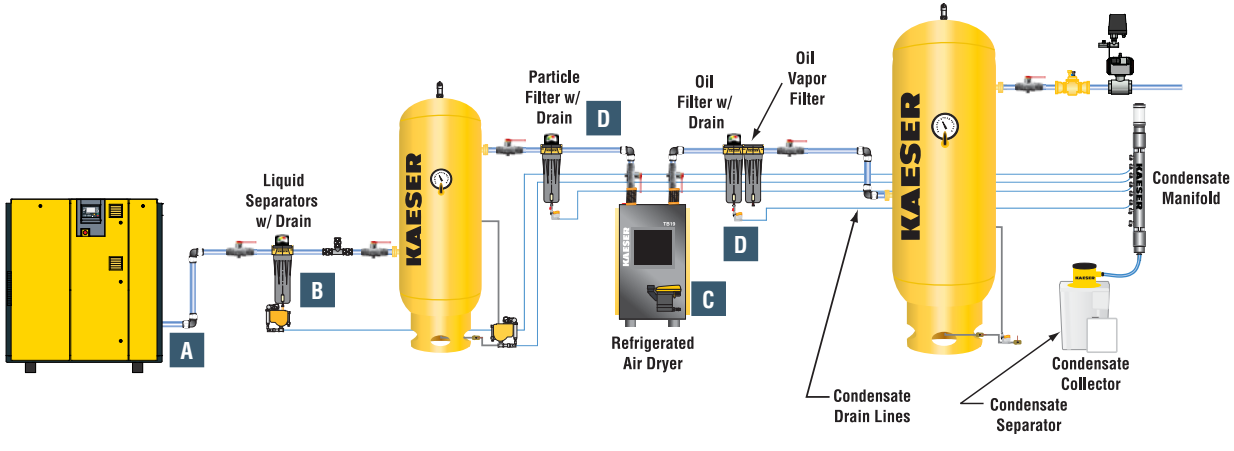
Model	Capacity @ 100 psig (gal./hr.)	Max. Working Pressure (psig)	Inlet Connection Location	Inlet NPTF (in.)	Outlet NPTF (in.)	Weight (lb.)
ADT 20 M	0.3	175	Top	1/2	5/16	1.75
ADT 20 MB			Bottom	3/8	3/8	2.75
ADT 190	3	300	Top	3/4	1/4	8
ADT 190 B			Bottom			
ADT 190 H		500	Top			8.5
ADT 190 S		300				9
ADT 1514	24			1		12
ADT 1514 B			Bottom			
ADT 1514 H		500	Top			12.5
ADT 1514 S		300				13

Specifications are subject to change without notice.

Instllation

Inlet piping: It is best to install a Kaeser Drain Trap below the level of the device being drained to allow condensate to flow by gravity. An isolation service valve is recommended before the drain valve. A line should be installed from the drain discharge to an oil water separator such as Kaeser's Condensate Filter (KCF). The separation reclaims oil from the condensate and separates the water that can be discharged into most municipal sanitary sewers. Kaeser drains control condensate at many locations including:

- **A** Compressor aftercooler discharge
- **B** Separators
- **C** Dryers
- **D** Filters



NOTE: Use AMD 6550 or Eco-Drain series with receiver tanks.