



Acetrap20®

Features

Zero air loss and diaphragm type automatic air trap in compressed air system.

1. Level-controlled float provides zero air loss and no external power supply.
2. Large size of diaphragm and big orifice(7Ø) allow for safe discharge of dirty particles.
3. Only two moving parts ensure long durability and minimal maintenance.
4. You can check the operation status at a glance by pressing the manual test key.
5. Major internal parts made of stainless steel.



Specifications

Model	Acetrap20L(C*)	Acetrap20N(C*)	Acetrap20H(C*)
Operating pressure(bar)	0.8 ~ 4	3 ~ 9.9	10 ~ 16
Connection(Screwed)	In 3/4", Out 1/2"		
Operating temperature(°C)	1 ~ 60		
Applicable Fluid*	Oil injected charging air		

* For oil free application please add "C" at the end of model name, as like Acetrap20NC.

* Do not use for toxic, flammable and hazardous fluids.

Option : Strainer with ball valve, Heater for anti icing, Bracket for installation, M5 one touch nipple for not clogging pilot line.

Attention : If there is dirty particles larger than 7Ø, the optional strainer must be used to ensure safe operation. And where equipment and old service tanks are exposed to large amounts of dirty particles, pilot air must be supplied directly from the balance line using optional M5 one-touch nipple.

PRESSURE HOUSING DESIGN CONDITIONS(NOT OPERATING CONDITIONS) : Maximum Allowable Pressure(bar) : 20
Maximum Allowable Temperature(°C) : 120



To avoid abnormal operation, accident or serious injury, DO NOT use this product beyond of the specification range.
Local regulations may restrict the use of this product to below the conditions quoted.

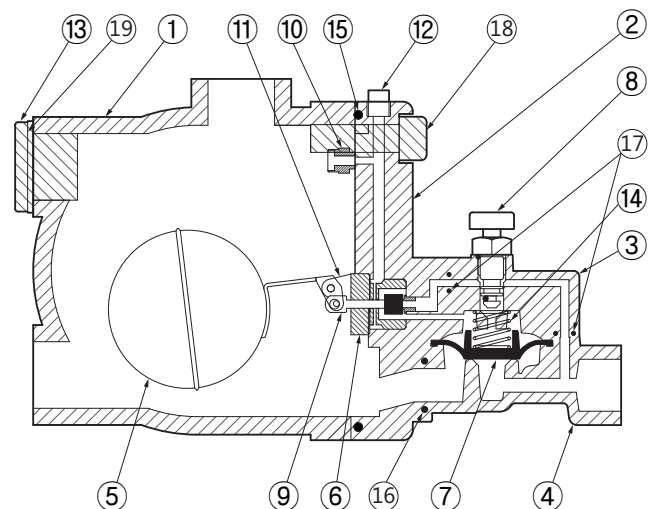
No.	DESCRIPTION	MAT'L	ASTM*
①	Housing	AC4C T6	356.0
②	Housing Plate	AC4C T6	356.0
③	Upper Discharge ¹	AC4C T6	356.0
④	Lower Discharge ¹	AC4C T6	356.0
⑤ ^M	Ball-Float	SUS304	A240-304
⑥ ^{MR}	Air Chamber	Bronze	B505
⑦ ^R	Diaphragm	NBR/VITON ²	D2000BF
⑧ ^{MR}	Test key	Bronze	B505
⑨ ^R	Needle Valve	SUS304	A240-304
⑩ ^M	Mesh Filter	Bronze	B505
⑪	Air Chamber Bracket	SUS304	A240-304
⑫	Pilot Air Bolt	SUS304	A240-304
⑬	Housing Plug	Bronze	B505
⑭ ^R	Diaphragm Spring	SUS304	A240-304
⑮ ^R	Housing O-ring	NBR	D2000BF
⑯ ^R	Discharge Body O-ring	NBR	D2000BF
⑰ ^R	Upper Discharge O-ring	NBR	D2000BF
⑱	Housing Bolt	SUS304	A240-304
⑲ ^{MR}	Housing Plug Gasket	PE	D4976

¹ The set of plastic discharge is standard(mat'l is N66-G33 and D638 of ASTM).

² For OIL FREE compressor use.

* Equivalent

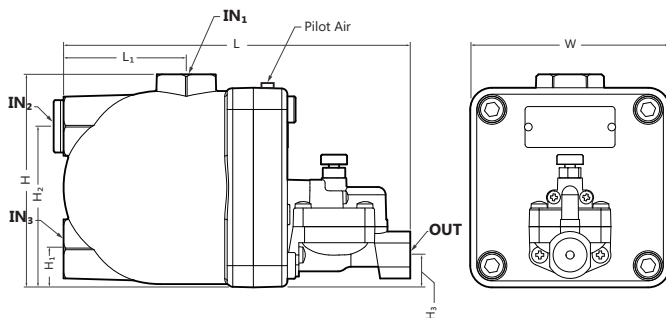
Replacement kits available : (M) maintenance parts, (R) repair parts.



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Dimensions

● Acetrap20N



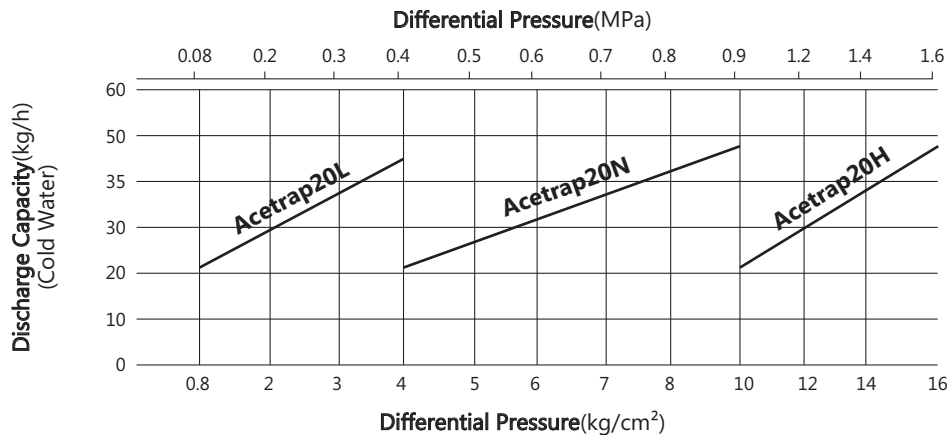
Model	Acetrap20L / Acetrap20N / Acetrap20H
L	212
L ₁	75
H	130
H ₁	23
H ₂	99
H ₃	20
W	122
IN*	3/4"
OUT*	1/2"
Pilot Air	M5
Weight*(kg)	2.3

* IN, OUT NPT THREAD optional.

* Figures are rounded up.

ATTENTION : A pressure balancing line must be connected to the air system from the balancing port at the top of the trap to a place above any possible condensate accumulation in the system.

Discharge Capacity



1. Differential pressure is the difference between the inlet and outlet pressure of the trap.
2. The chart is applicable to condensate below 60°C.
3. The discharge capacity is for a liquid with specific gravity of 1.
4. The discharge capacity is based on one cycle per at least 30 seconds.
5. Recommended safety factor : at least 1.5.



Do not use traps under conditions that exceed maximum difference pressure, as condensate backup will occur!