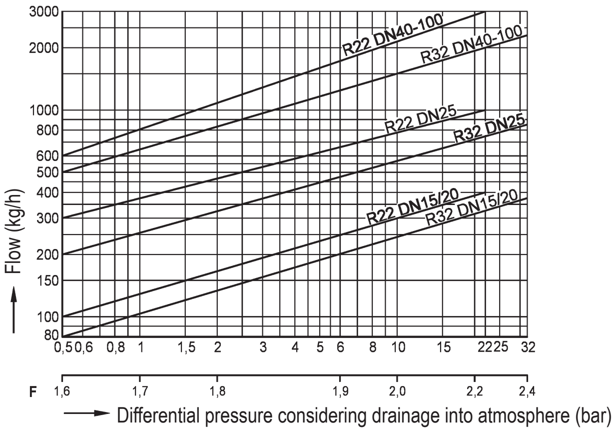
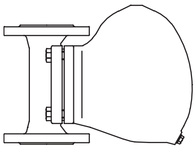


Standard R22 and R32

DN15 - DN100



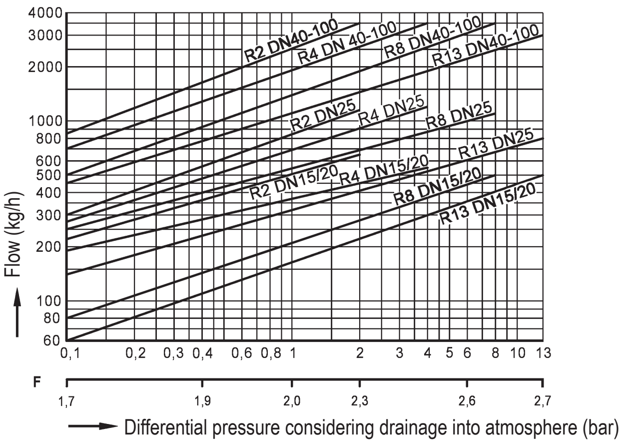
CONA®S - Fig. 631 - PN16 / PN40 - DN15-100

The capacity chart shows the maximum flow quantities of hot condensate for the different controllers and steam trap sizes

In commen, the steam traps are fitted out with an controller as shown in the flow diagrams of this page acc. to the differential pressures and flow rates.

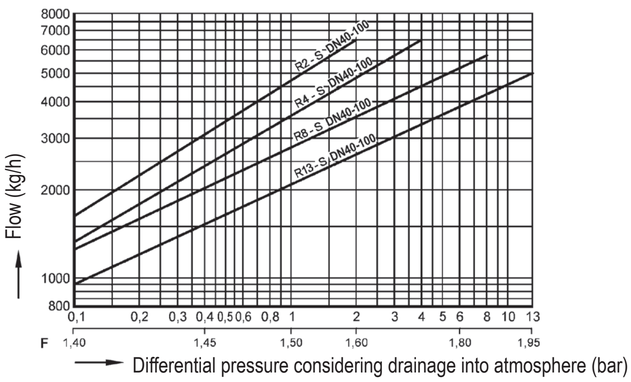
For very large flow rates with low differential pressures, steam traps at sizes DN40 up to DN100 can be fitted out with a super-controller

The maximum flow quantity of cold condensate at about 20°C can be determined by multiplication of the appropriate factor F (in the scale below the diagrams) with the hot condensate quantity determined by the capacity chart. (Factor F is related to th



Standard R2 to R13

DN15 - DN100

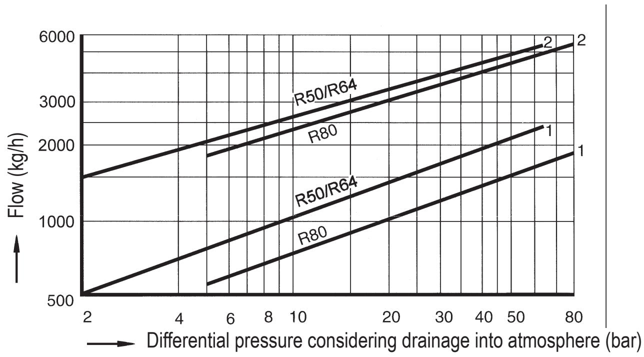


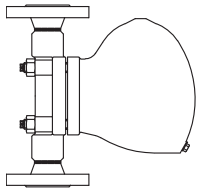
Special design: Super-controller for very large flow rates with low differential pressures

R2-S to R13-S
DN40 - DN100

The capacity chart shows the maximum flow quantities of hot condensate for the Super-controller versions.

The maximum flow quantity of cold condensate at about 20°C can be determined by multiplication of the appropriate factor F (in the scale below the diagrams) with the hot condensate quantity determined by the capacity chart. (Factor F is related to the differential pressure.)



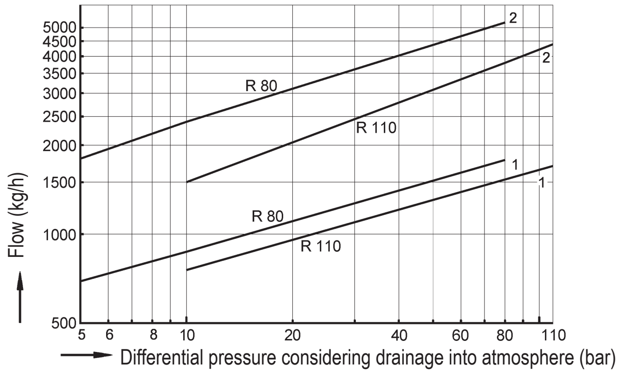


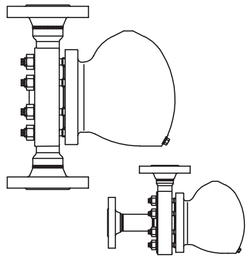
CONA®S - Fig. 631 - PN63 / PN100 - DN15-50

The capacity chart shows the maximum flow rates.

Curve 1:
Maximum flow quantities of hot condensate.

Curve 2:
Maximum flow quantities of cold condensate of about 20°C (during system start-up).



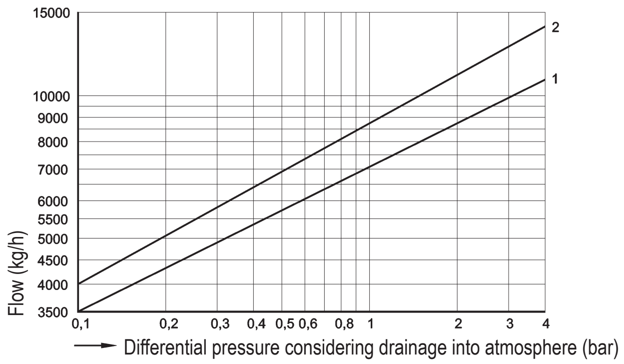


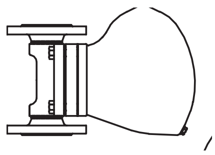
CONA®S - Fig. 631 / Fig. 632 - PN160 - DN15-50

The capacity chart shows the maximum flow rates.

Curve 1:
Maximum flow quantities of hot condensate.

Curve 2:
Maximum flow quantities of cold condensate of about 20°C (during system start-up).



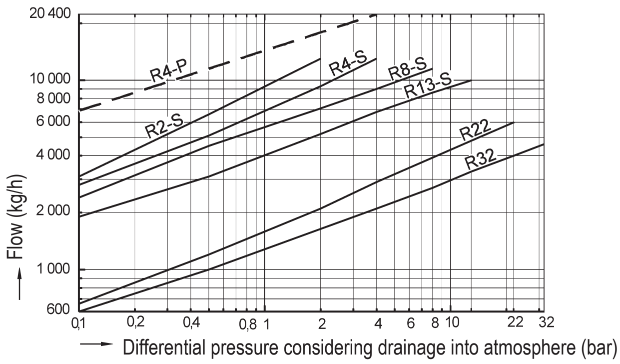


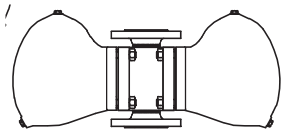
CONA®S - Fig. 633 - PN40 - DN40-100

The capacity chart shows the maximum flow rates.

Curve 1:
Maximum flow quantities of hot condensate.

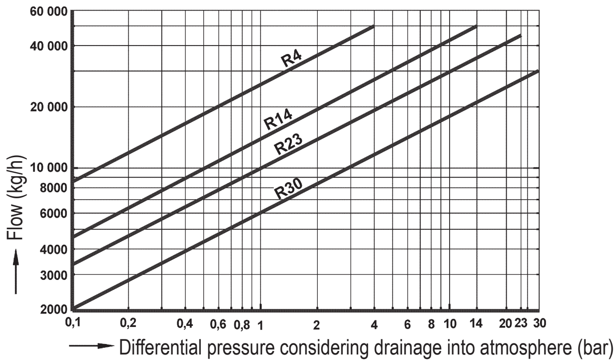
Curve 2:
Maximum flow quantities of cold condensate of about 20°C.

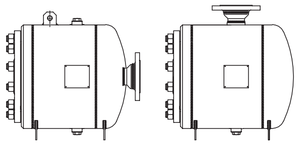




CONA®S - Fig. 639 - PN16 / PN40 - DN50-100

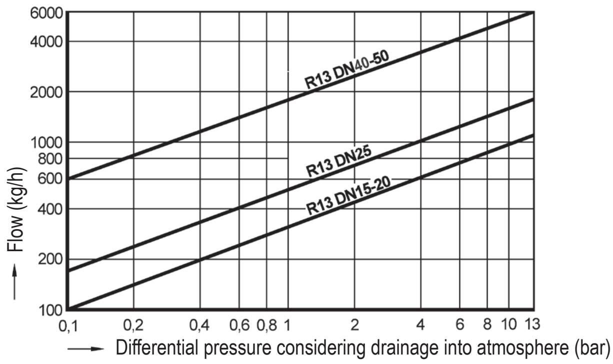
The capacity chart shows the maximum flow quantities of hot condensate for the different controllers and steam trap sizes

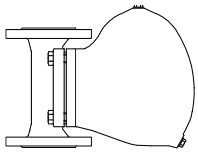




CONA®S - Fig. 637 / 638 - PN40 - DN50-100

The capacity chart shows the maximum flow quantities of hot condensate for the different controllers and steam trap sizes





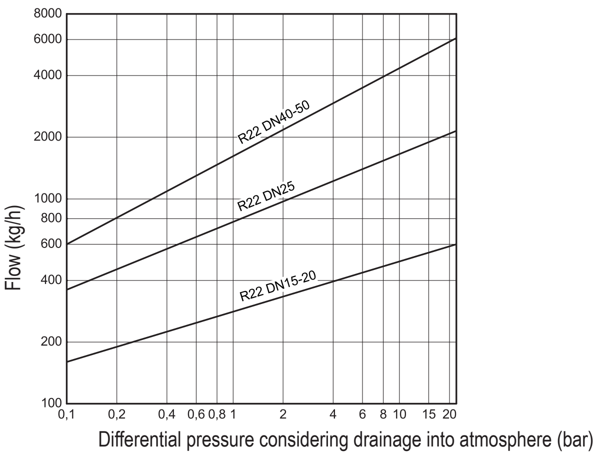
CONA®S - Fig. 630 - PN16 / PN40 - DN15-50

PN16

Standard R13

DN15 - DN50

To determine the drainage quantity of cold water at about 20°C from compressed air and gas systems.

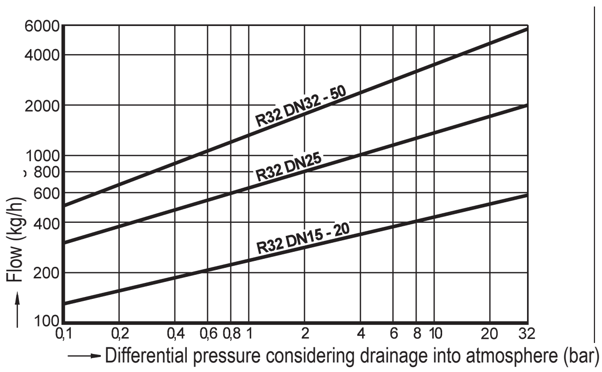


PN40

Standard R22

DN15 - DN50

To determine the drainage quantity of cold water at about 20°C from compressed air and gas systems.

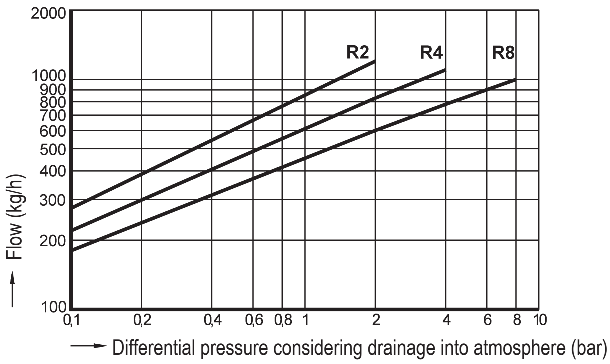


PN40

Standard R32

DN15 - DN50

To determine the drainage quantity of cold water at about 20°C from compressed air and gas systems.

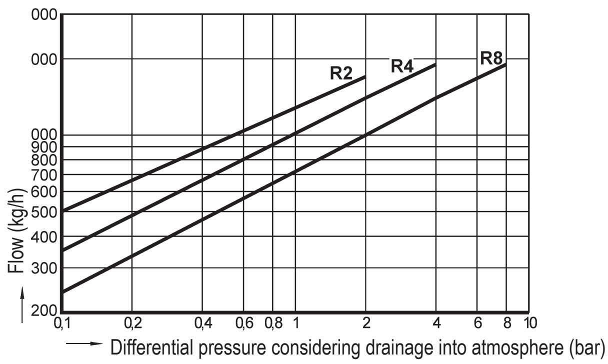


PN16 - PN40

Special execut. R2, R4, R8

DN15 - DN20

To determine the drainage quantity of cold water at about 20°C from compressed air and gas systems.

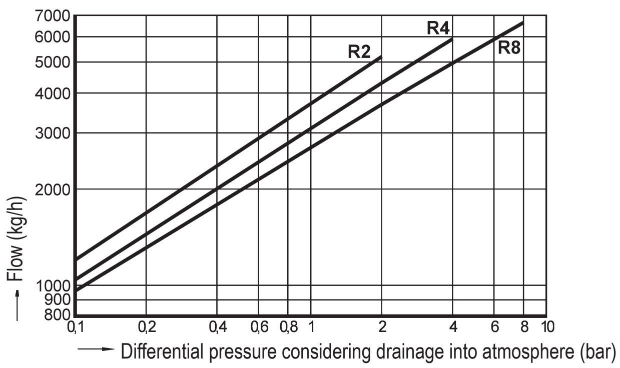


PN16 - PN40

Special execut. R2, R4, R8

DN25

To determine the drainage quantity of cold water at about 20°C from compressed air and gas systems.

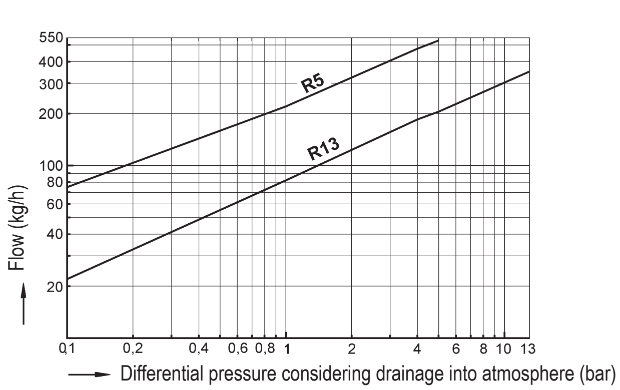


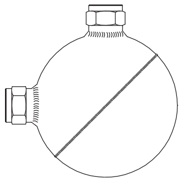
PN16 - PN40

Special execut. R2, R4, R8

DN40 - DN50

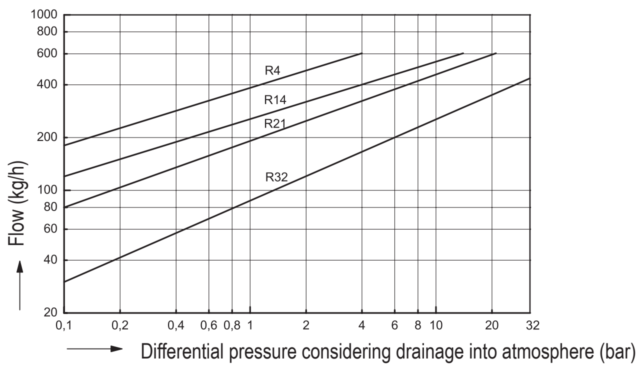
To determine the drainage quantity of cold water at about 20°C from compressed air and gas systems.

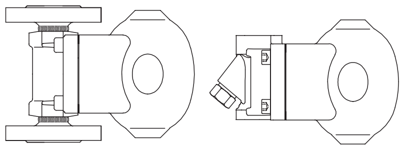




CONA®S - Fig. 629 - PN16

The capacity chart shows the maximum flow of hot boiling condensate.





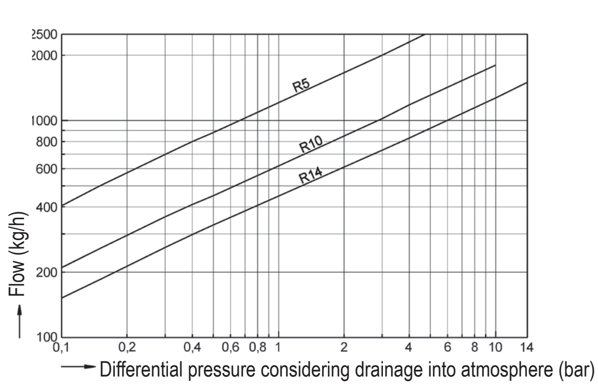
CONA®SC - Fig. 634 - PN16 / PN25 / PN40

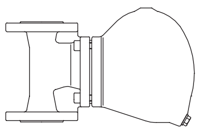
The capacity chart shows the maximum flow of hot boiling condensate.

Die gesamte Kaltwasser-Durch-flussmenge beträgt:

Chart value at the corresponding differential pressure is multiplied with factor 1,2 for this differential pressure plus the additional cold water start up capacity due to the termostatic element (see table below).

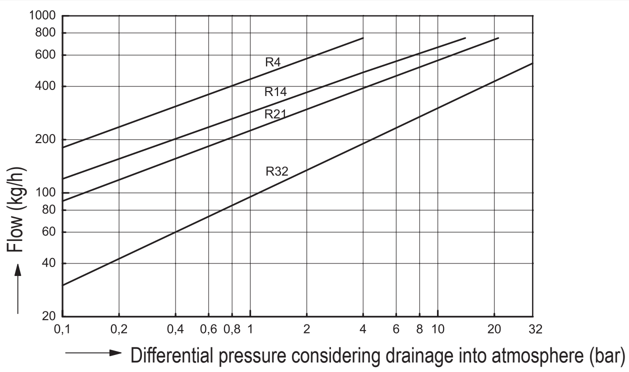
Additional cold water-flow quantity of the thermostatic steam trap at starting conditions								
Δp in bar	**1**	**2**	**4**	**8**	**10**	**14**	**21**	**32**
Q (appr. 20°C) in kg/h	180	250	360	480	530	620	750	920

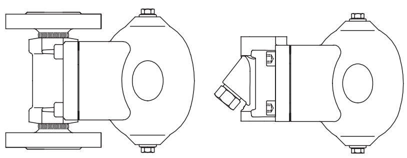




CONA®SC Plus - Fig. 635 - PN16 / PN40

The capacity chart shows the maximum flow of hot boiling condensate.





CONA®SC - Fig. 636 - PN16 / PN25 / PN40

The capacity chart shows the maximum flow of cold water for the different controller.

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