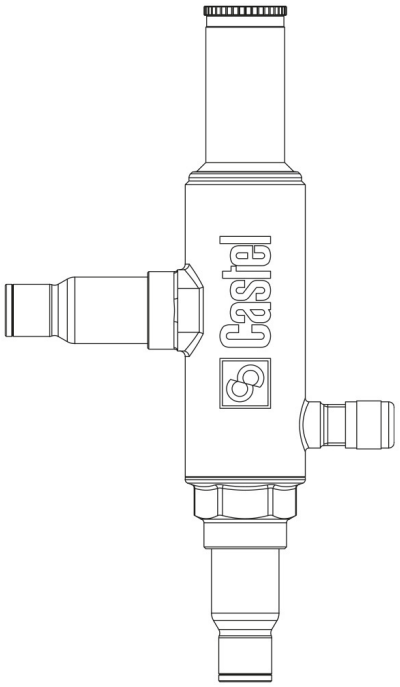
Product Code

3345N/M12S

Condensing Pressure Regulator polyhedra
12mm ODS
PS = 50 bar - 725 psi



Product use

These pressure regulators are designed to limit the liquid flow rate from the condenser to the liquid receiver tank, effectively reducing the exchange surface of the condenser and increasing the condensation pressure. They operate in combination with the differential valve that by-passes the hot gas from the compressor outlet to the liquid receiver tank, increasing the pressure of the liquid in the receiver tank

Accessories for use with the following ASHRAE 34:2019 refrigerants, Class A1, A2L, or A3:

HFC (R134A, R32, R404A, R407C, R410A, R507)
HFO (R1234YF, R1234ZE)
HFO + HFC (R448A, R449A, R450A, R452A, R452B, R454A, R454B, R454C, R455A, R513A, R515A, R515B)
HC (R290, R600, R600A, R1270)

Product Details

Connections SAE Flare	-
Connections ODS [in.]	-
ODS [mm]	12
Regulation range [bar]	12-35
Kv[m³/h]	2,7
PS [bar]	50
MWP [psi] (1)	725
TS[°C] Min	- 40

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TS[°C] Max	+ 130
Package pcs	15

Notes where expressly stated

(1): according to UL approval

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