

Product Code

2028R/M12S09



CLASSIC

Product use

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

HCFC (R22)

HFC (R134a, R404A, R407C, R410A, R507)

HFO (R1234ze)

HFO + HFC (R448A, R449A, R450A, R452A, R513A, R515A, R515B)

These valves are only sold in the model without the coil (S suffix), with 9 nozzles assembled for an increasing output from 1 to 22 kW with R410A.

Product details

Orifice type	09
Connections In Ø [in.]	-
Connections In Ø [mm]	12
Out Ø [in.]	-
Out Ø [mm]	16
Kv [m ³ /h]	0,25
Rated capacity R23 (1) [kW]	28,6
PS [bar]	45
TS [°C] min.	-80
TS [°C] max.	+60

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Notes

(1) Rated capacities are based on:

- Evaporating temperature $T_{\text{evap}} = -30\text{ °C}$
- Condensing temperature $T_{\text{cond}} = -4\text{ °C}$
- Refrigerant liquid temperature ahead of valve $T_{\text{liq}} = -8\text{ °C}$