

Product Code

2028C/M12S09

PWM Expansion Valve



Product use

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)

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 [m³/h]	0,25
PS [bar]	90
MWP [psi] (1)	1305
TS [°C] min. (2)	-80
TS [°C] max.	+60
Package pcs.	17

Notes where expressly stated

for rated capacities see table of the orifice assemblies

(1): according to UL approval

(2): UL -50°C