



VALVES & REGULATORS

Sporlan VVE Series

BRAND
SporlanSKU
RC_PROD_038CATEGORY
Valves & Regulators

OVERVIEW

The Sporlan VVE is a Type V body thermostatic expansion valve for R-22 with external equalization — **V** (body type) + **V** (R-22 refrigerant code) + **E** (external equalizer). The Type V (together with the Type W) is Sporlan's classic **double-ported** large-capacity design: two seating discs operating on a common shaft double the effective port area, delivering the highest capacities of the traditional flanged line for major industrial evaporators. One engineering consequence procurement teams should know: because either of the two ports can be held partially open by debris, double-ported valves are more sensitive to system contamination than single-port designs. Sporlan explicitly directs that an adequately sized Catch-All® filter-drier be installed ahead of the TEV — pair every VVE with the matching Catch-All (see RC_PROD_040).

KEY FEATURES

Double-ported Type V construction
top-of-range capacity in the classic flanged line

Field-replaceable thermostatic element
parts kits available; note early Type V models excluded

Large flat diaphragm
externally adjustable superheat

External equalizer
for distributor-fed industrial evaporators

SPECIFICATIONS

PARAMETER	VALUE
BODY TYPE	Type V, double-ported, flanged
REFRIGERANT CODE	V — R-22 (R-407 group / R-422D with correction)
EQUALIZATION	External (E)