



VALVES & REGULATORS

Sporlan HVE Series

BRAND
Sporlan

SKU
RC_PROD_036

CATEGORY
Valves & Regulators



OVERVIEW

The Sporlan HVE is a Type H body thermostatic expansion valve for R-22 duty with external equalization — decoded per Sporlan nomenclature as **H** (body type) + **V** (refrigerant code for R-22 family, green colour code) + **E** (external equalizer). The Type H is one of Sporlan's classic large-capacity flanged valve bodies, re-rated to ARI Standard 750 and in continuous industrial service for decades — which is precisely why HVE valves remain a staple of the Indian replacement market for R-22 cold storage and process plants. Sporlan TEVs regulate liquid refrigerant injection into the evaporator, controlled by superheat. Core Sporlan engineering carries across the range: a large flat diaphragm for precise valve control, field-replaceable thermostatic elements, precise pin-and-port alignment for tight seating, and external superheat adjustment on all standard valves.

KEY FEATURES

Classic Type H large-capacity flanged body
proven across decades of industrial duty

Field-replaceable thermostatic element
internal parts kits available across current and discontinued types

Large flat diaphragm for precise control
externally adjustable superheat

External equalizer
mandatory with refrigerant distributors and recommended for A/C charges

SPECIFICATIONS

PARAMETER	VALUE
BODY TYPE	Type H, flanged connections
REFRIGERANT CODE	V — R-22 (also applied to R-407A/C/F and R-422D with capacity correction)
EQUALIZATION	External (E)