

# VH Fan-Coil Units

## Flexible Hose Kits



Piping packages on ENVIRO-STAC® fan-coil units feature 1/2" flexible, stainless-steel-braided hoses on all 2-pipe and 4-pipe configurations as standard. These unique hose kits offer significant advantages over hard pipe during installation, commissioning, operation and maintenance.

**Reduced Installation Time.** As complex as vertical hi-rise units are, with multiple unit-discharge and riser locations, hose kits provide tremendous flexibility. Braided hoses allow for easy field configuration of left-hand, right-hand, or back-riser connections without the need for thermal cutting and joining of piping. This saves time and money over the traditional requirements of sheet-metal cutting and internal-pipe soldering.

**Commissioning.** Most systems are flushed for debris prior to operation. Flexible hose kits facilitate looping the piping lines and bypassing the fan-coil units.

**Operation.** The hose kit's flexibility allows for built-in thermal expansion and contraction, as is common in high-rise applications.

**Maintenance.** Hose kits require no special maintenance, and with swivel-end connections, facilitate coil and piping-package removal and repair, if necessary.

### Specifications

**Materials:** EPDM inner lined, Kevlar®-reinforced hose with stainless-steel outer covering

**Flow Rates:** 0.5 to 12.0 GPM, based on application

**Pressure-Temperature Rating:** 450 PSIG @ 265°F

**Minimum Burst Pressure:** 1500 PSI

**Flame Spread:** Not greater than 25 per UL 723

**Smoke Development:** Not greater than 50 per UL 723

**Ball Valve With Memory Stop:** Ball valve with memory stop allows the valve to be closed and returned to the balance position, without re-testing the system.

**Ball:** Stainless steel

**Seats:** Teflon

**Stem Seal:** (2) Viton O-Rings

**Pressure Rating:** 600 PSIG WOG

**Temperature Rating:** 325°F

**C<sub>v</sub>:** 17



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