

**HUF450 | HYBRID UNITIZED  
CURTAIN WALL SYSTEM**

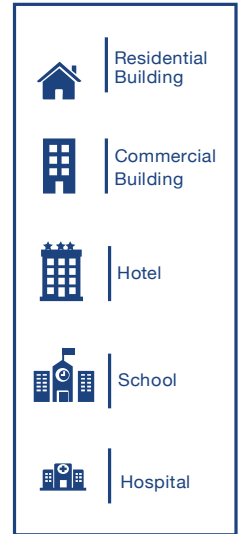
**TECHNICAL DATA**



With its wide range scope of design applications HUF450 offers following and further features:

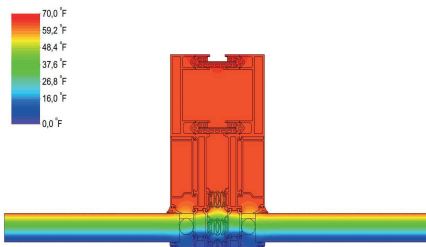
**STANDARD FEATURES**

- 4-15/16" frame width
- 8-5/8" frame depth
- 3/32" wall thickness
- Thermally broken aluminum profiles
- Air, water and dust sealing gaskets made of EPDM
- Powder coating with all standard RAL colors and various anodized colors
- Qualicoat & Qualanod certified surface treatment applications.
- 1" Insulated glass unit.
- Concealed vents with multi-point locking for openings
- Euro-groove design for hardware versatility
- Stainless steel and aluminum projected hardware
- It's revolutionary design allows glass replacement from interior
- Hardware options to limit vent access to custodial use



**OPTIONAL FEATURES**

- Powder coated dual finish (two-tone color) option
- High insulated profile system for better energy efficiency
- Up to 2" Insulated glass with low-e or solar low-e options
- Warmedge spacer and triple IGU to maximize energy efficiency
- Sound insulated profile system for superior OITC ratings
- Silicone gaskets
- Bird friendly glazing
- Allowed the integration of BF64 or BF74 window systems opening
- Motorized concealed opening options



**PERFORMANCE VALUES**

Air infiltration	< 0.06 cfm/ft <sup>2</sup> @ 6.24 psf
Water penetration (Static)	10 psf
Water penetration (Dynamic)	10 psf
Wind resistance design	50 psf
Wind resistance overload	75 psf
U-Value	0.32-0.53 Btu/(h.ft <sup>2</sup> .°F)

**PERFORMANCE TEST STANDARTS**

Air infiltration	ASTM E283
Water penetration	ASTM E331
Structural - Uniform Wind Load	ASTM E330
Thermal transmittance U-Factor	NFRC100, 102, 500; AAMA 1503
Solar Heat Gain Cefficient (SHGC)	NFRC 200
Visible Sound Transmission (STC, OITC)	ASTM E90

