



Tecumseh

- ▶ Acoustic reference
- ▶ Plug & Play
- ▶ Proven reliability

SILENSYS®

When silence meets the demand.
Acoustic and aesthetic solution for urban areas.
High and low pressure applications.

KEY FEATURES AND BENEFITS

- ▶ **Reliable Tecumseh compressor**
- ▶ **Acoustic reference level:**
 - Optimisation of the air
 - Reduction of air flow thanks to a double skin door
 - Absorption of vibrations by the specific bends of the copper tubes
- ▶ **Energy optimization and compactness :**
 - Compactness without compromising on accessibility to refrigeration and electrical components
 - COP above the threshold of the directive EU2015/1095



SEGMENTS - APPLICATIONS

- ▶ Walk-in cold rooms and display cases.
- ▶ Fermentation rooms, refrigerating cabinets, wine cellar, ice machine.
- ▶ Mini markets and convenience stores.
- ▶ Non-food convenience stores: florists, etc.



AJ SILENSYS ACOUSTIC ZOOM

APPLICATION	REFRIGERANT	COOLING CAPACITY (Watt)*	MAX. SOUND PRESSURE IN FREE FIELDS (dBA)
High pressure	R452A-R404A-R448A-R449A	1270 to 2510	28
	R134a-R513A	830 to 1570	27
Low pressure	R452A-R404A-R448A-R449A	1470 à 2550	27

*Conditions : LBP : To/Tamb= -30/32°C, SH=10K, SR=3K / HBP : To/Tamb= -10/32°C, SH=10K, SR=3K





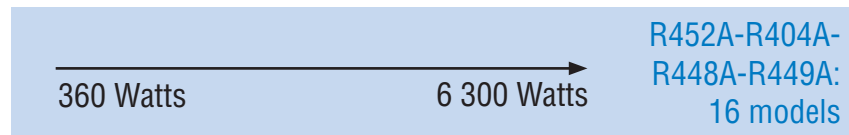
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COOLING CAPACITY AND REFRIGERANT

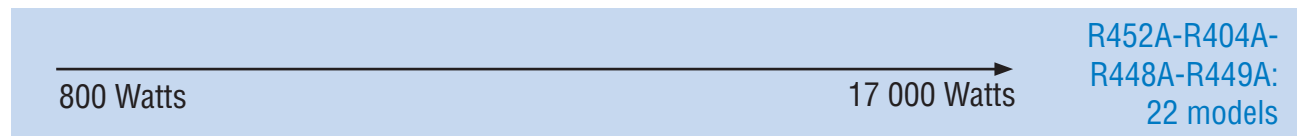
Capacities staging corresponding to each refrigeration system requirement.

► LBP applications:



*Conditions $T_o/T_{amb} = -30/32^{\circ}\text{C}$, $SH=10K$, $SR=3K$

► HBP applications:



*Conditions $T_o/T_{amb} = -10/32^{\circ}\text{C}$, $SH= 10K$, $SR= 3K$

ELECTRIC SECURITY

- Power thermomagnetic circuit breaker for the compressor
- Thermo circuit breaker for the EC fan
- HP/BP pressure switch with automatically resetting

THE BENEFITS OF THE PRODUCT

- **Choice of the compressor control:** thermostatic or pressure without additional wiring
- **Fan speed control by pressure** for stable evaporation
- **Installation and maintenance facilities:**
 - Fixing to the ground or wall without additional kit, directly accessible attachment points, guaranteed minimum distance between the condenser and the wall
 - Door opening to 90° allowing direct access to refrigeration and electrical components

