



# Alpic Eco Series



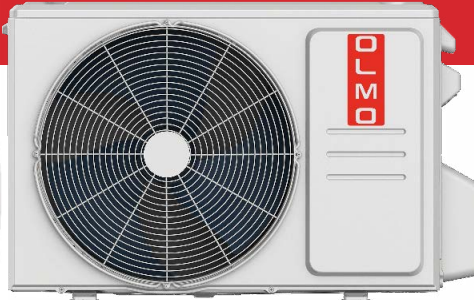
**Split Air Conditioner  
With Heat Pump  
Wall Mount**

**5** LIMITED YEARS compressor WARRANTY  
**2** ★ ★ ★ YEARS parts WARRANTY

# Alpic Eco

## SERIES

- Auto Swing
- Inverter Technology
- Comfortable Sleep Mode
- Multiple Fan Speeds
- LED Display
- Fan Delay Function
- Self-diagnosis
- Automatic Operation
- Timer
- Intelligent Pre-heating
- Auto Restart Function



The unique anti-corrosive GoldFin coating protects the condenser from corrosive elements, like salty air and rain, while the hydrophilic condenser accelerates the defrost process and improves heating efficiency.

| Indoor                        |                                    |         | OS-EL09ALP115VI              | OS-EL12ALP115VI      | OS-EL09ALP230VI      | OS-EL12ALP230VI      | OS-EL18ALP230VI      | OS-EL24ALP230VI      |
|-------------------------------|------------------------------------|---------|------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Outdoor                       |                                    |         | OS-EL09ALP115VO              | OS-EL12ALP115VO      | OS-EL09ALP230VO      | OS-EL12ALP230VO      | OS-EL18ALP230VO      | OS-EL24ALP230VO      |
| Power supply                  |                                    | Ph-V-Hz | 115V~ 60Hz ,1Ph              | 115V~ 60Hz ,1Ph      | 208-230V~60Hz ,1Ph   | 208-230V~60Hz ,1Ph   | 208-230V~60Hz ,1Ph   | 208-230V~60Hz ,1Ph   |
| Cooling                       | Capacity                           | Btu/h   | 9,000                        | 12,000               | 9,000                | 12,000               | 17,000               | 24,000               |
|                               | EER                                | Btu     | 10.1                         | 8.8                  | 8.8                  | 8.8                  | 9.9                  | 8.9                  |
|                               | SEER                               |         | 16.5                         | 16.5                 | 16.5                 | 16.8                 | 16.8                 | 16.5                 |
| Heating                       | Capacity                           | Btu/h   | 9,800                        | 12,000               | 10,000               | 12,000               | 18,000               | 24,000               |
|                               | COP                                |         | 2.80                         | 2.90                 | 2.90                 | 2.90                 | 3.10                 | 2.84                 |
|                               | HSPF4                              |         | 9.8                          | 9.4                  | 9.4                  | 9.4                  | 9.7                  | 9.5                  |
|                               | HSPF5                              |         | 7.8                          | 7.7                  | 8.0                  | 8.0                  | 8.0                  | 8.0                  |
| MINIMUM CIRCUIT AMPACITY      |                                    | A       | 16                           | 17                   | 12                   | 12                   | 15                   | 19                   |
| MAX.FUSE                      |                                    | A       | 20                           | 20                   | 15                   | 15                   | 20                   | 30                   |
| Indoor air flow (Hi/Mi/Lo)    |                                    | CFM     | 264.71/211.76/158.82         | 317.65/241.18/176.47 | 317.65/241.18/176.47 | 317.65/241.18/176.47 | 463.53/369.41/275.29 | 564.71/447.06/341.18 |
| Indoor noise level (Hi/Mi/Lo) |                                    | dB(A)   | 39.5/33.5/26                 | 41/34.5/27.5         | 41.5/34.5/25.5       | 41.5/34.5/25.5       | 44/38/30             | 46/40/33.5           |
| Indoor Unit                   | Dimension (WxDxH)                  | in      | 28.15x7.64x11.22             | 31.69x7.64x11.22     | 31.69x7.64x11.22     | 31.69x7.64x11.22     | 37.68x8.39x11.89     | 40.94x8.66x12.87     |
|                               | Packing (WxDxH)                    | in      | 30.71x10.63x14.37            | 34.25x10.63x14.37    | 34.25x10.63x14.37    | 34.25x10.63x14.37    | 40.75x11.61x15.16    | 44.09x15.94x12.40    |
|                               | Net/Gross weight                   | lb      | 15.87/20.50                  | 17.20/22.27          | 17.20/22.05          | 17.20/22.05          | 22.93/29.32          | 28.88/36.60          |
| Outdoor air flow              |                                    | CFM     | 1058.82                      | 1058.82              | 1058.82              | 1058.82              | 1235.29              | 1764.71              |
| Outdoor noise level           |                                    | dB(A)   | 54.5                         | 55.0                 | 54.5                 | 54.5                 | 57.0                 | 59.5                 |
| Outdoor Unit                  | Dimension(WxDxH)                   | in      | 28.35x10.63x19.49            | 28.35x10.63x19.49    | 28.35x10.63x19.49    | 28.35x10.63x19.49    | 30.12x11.93x21.85    | 35.04x13.46x26.50    |
|                               | Packing (WxDxH)                    | in      | 32.87x11.81x21.26            | 32.87x11.81x21.26    | 32.87x11.81x21.26    | 32.87x11.81x21.26    | 34.92x13.27x24.02    | 39.17x15.67x29.13    |
|                               | Net/Gross weight                   | lb      | 54.67/58.42                  | 55.11/58.86          | 52.91/56.44          | 52.91/56.44          | 64.15/69.67          | 97.88/104.50         |
| Refrigerant type/Quantity     |                                    | oz      | R410A/20.46oz                | R410A/25.75oz        | R410A/25.75oz        | R410A/25.75oz        | R410A/47.97oz        | R410A/62.79oz        |
| Refrigerant precharge         |                                    | ft      | 25                           | 25                   | 25                   | 25                   | 25                   | 25                   |
| Design pressure               |                                    | PSIG    | 550/340 PSIG                 | 550/340 PSIG         | 550/340 PSIG         | 550/340 PSIG         | 550/340 PSIG         | 550/340 PSIG         |
| Refrigerant piping            | Liquid side / Gas side             | in      | 1/4" / 3/8"                  | 1/4" / 3/8"          | 1/4" / 3/8"          | 1/4" / 3/8"          | 1/4" / 1/2"          | 3/8" / 5/8"          |
|                               | Max. refrigerant pipe length       | ft      | 82                           | 82                   | 82                   | 82                   | 98                   | 98                   |
|                               | Max. difference in level           | ft      | 33                           | 33                   | 33                   | 33                   | 66                   | 66                   |
| Connection wiring             |                                    |         | 16AWG*4 Stranded, unshielded |                      |                      |                      |                      |                      |
| Ambient temperature           | Indoor (cooling/ heating)          | F°      | 62~90/32~86                  | 62~90/32~86          | 62~90/32~86          | 62~90/32~86          | 62~90/32~86          | 62~90/32~86          |
|                               | Outdoor (cooling/heating) optional | F°      | 5~122/5~86                   | 5~122/5~86           | 5~122/5~86           | 5~122/5~86           | 5~122/5~86           | 5~122/5~86           |