# The NAME in air conditioning



Multi & LCAC Catalogue 2018



# The **NAME** in air conditioning has...



## **5 Years Warranty**





The advanced technology of the new Inventor Multi & LCAC air conditioning systems, provide the option of remote management & allows you to set your air conditioner easily from wherever you are. Install the Wi-Fi Smart Port, download for free the Invmate II application through Google Play & App Store on your Smartphone or Tablet and create ideal conditions all over your place.



Golden Fin

The ultimate protection in the indoor & outdoor units, provides anti-corrosive protection:

- / extending the lifeline of the air conditioner and improving the air quality in your place
- / maximizing the endurance of the outdoor unit against corrosive elements such as salty air and rain, ensuring advanced protection and performance
- reinforcing the efficiency in heating by accelerating the defrosting process
- / preventing the bacteria generation and spread, allowing you to enjoy a perfectly clean and healthy atmosphere





### **R32 ECO** Refrigerant

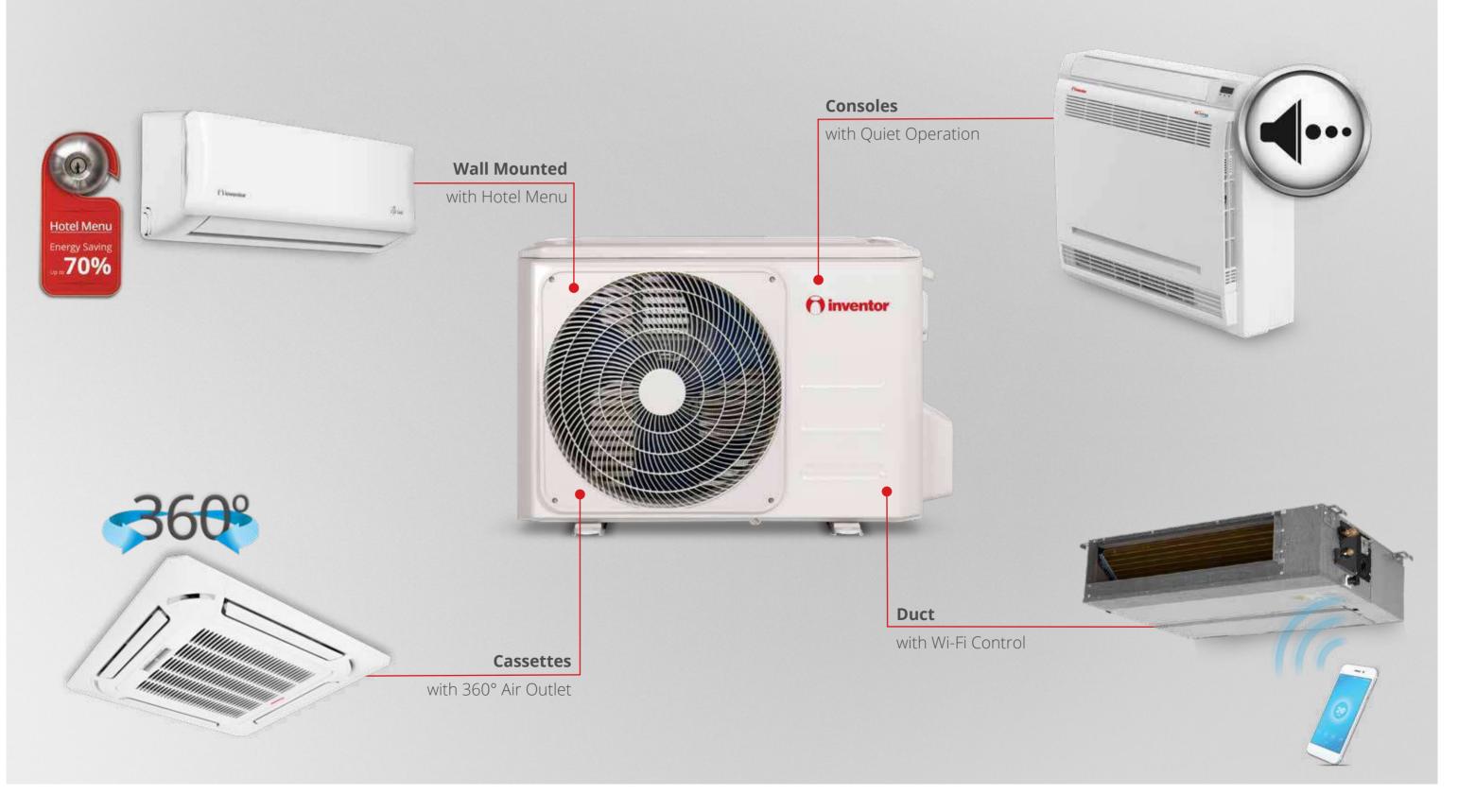
The R32 ECO Refrigerant with 68% lower global warming potential, is here to significantly enhance your air conditioner's performance and to drastically contribute to global warming protection. R32 is the main selection criteria as:

/ it does not adversely affect the ozone layer / contributes in reducing global warming effect by entrapping smaller amounts of heat (GWP = 675) / can be easily reused and recycled



# Multi Split Systems

Air Conditioning systems that offer flexibility, maximum energy savings and high performance to satisfy even the most demanding users. Connect up to 5 indoor units with one external and create the ideal conditions you were always wanted!





Outdoor Units

Line         Line <thlin< th="">         Line         Line         <thli< th=""><th></th><th>iolden</th><th>Fin</th><th></th><th></th><th>Range of nations</th><th></th></thli<></thlin<>		iolden	Fin			Range of nations	
All of lass       Inverter       Outgoin       Image of lass of las							ide Low
Cooling Capacity (twort)         18.000 (4.879-21.973)         27.000 (5.390-26.573)         46.000 (5.694-47.788)           Cooling Capacity (twort)         5.27 (1.43 6.44)         7.91 (1.58 8.69)         10.55 (1.58 12.65)         12.31 (1.66 1.4.09)           Heating Capacity (twort)         19.000 (5.323-22.202)         28.000 (5.696-30.776)         36.000 (5.696 4.54.48)         42.000 (5.664-47.783)           Heating Capacity (twort)         5.57 (1.56 6.80)         8.21 (1.66 1.4.09)         10.55 (1.57 13.22)         12.31 (1.66 1.4.94)           Heating Capacity (twort)         5.57 (1.56 6.80)         8.21 (1.64 4.9.2)         10.55 (1.57 13.22)         12.31 (1.66 1.4.94)           Max Conduct Strep (transport)         5.57 (1.56 6.80)         8.21 (1.64 9.02)         10.55 (1.57 13.22)         12.31 (1.66 1.4.94)           Mice Conduct Strep (transport)         5.57 (1.56 6.80)         8.21 (1.64 9.02)         10.51 (1.56 1.58)         12.31 (1.66 1.4.94)           Mice Conduct Strep (transport)         5.67 (1.56 6.80)         8.21 (1.64 9.02)         10.31 (1.66 1.4.94)         12.31 (1.66 1.4.94)           Mice Conduct Strep (transport)         6.58 (1.52 (1.56 1.56)         10.11 (1.56 (1.56 1.56)         10.11 (1.56 (1.56 (1.56 1.56))         10.11 (1.56 (	Class MODEL		Nverter Design	Operation	circuit		ange
Cooling Capacity (Weat)5.27 (1.43 6.44)7.91 (1.58-8.69)10.55 (1.58-13.65)12.31 (1.66-14.09)Heating Capacity (Hur/)19.000 (5.323-23.202)28.000 (5.596-30.776)36.000 (5.698-45.448)42.000 (5.664-50.975)Heating Capacity (Hur/)5.57 (1.56 6.80)2.10.55 (1.67-13.32)12.31 (1.66-14.09)10.55 (1.67-13.32)12.31 (1.66-14.09)Heating Capacity (Hur/)Energy ClassA+A++A++A++Heating (Hor)5.57 (1.56 6.80)6.26.15.8Polesign (HV)Energy ClassAA+A+A+Heating (Hor)Forgy ClassAA+A+A+Heating (Hor)Energy ClassAA+A+A+Forgy ClassAA+A+A+A+Forgy ClassAA+A+A+A+Hadring Class (Hor)5.06.39.310.1Hodor Murber of Units (Min - Max)ScOP5.35.25.45.2Cooling Input (Heating Input (Heating Input (Hor))565.96.36.2Sound Power Level (B(A))ScOP5.35.25.45.2Sound Power Level (B(A))ScOP5.65.96.36.2Sound Power Level (B(A))ScOP5.65.96.36.2Sound Power Level (B(A))ScOP5.35.25.45.2Sound Power Level (B(A))ScOP5.66.87.1Dimensions WcDxH (mm)ScOP<					U5MRSL32(3)-27	U5MRSL32(4)-36	U5MRSL32(5)-42
Heating Capacity (it)     > 19,000 (5.323-23.20)     28,000 (5.596-30.776)     36,000 (5.698-45.448)     42,000 (5.664-50.975)       Heating Capacity (it/wit)     > 5.57 (1.56-6.80)     8.21 (1.64-9.02)     10.55 (1.57.13.20)     12.31 (1.66-14.94)       Name     Personal Sector (International Se		2)					
Heating Capacity (WWU)               5.57 (1.56 6.80)             8.21 (1.64-9.02)             8.21 (1.67-13.32)             10.55 (1.67-13.32)             12.31 (1.66-14.94)        Seasonal Efficienty               Placing Class               A.4               A.4            Seasonal Efficienty               Ferry Class               A.4               A.4               A.4            In accordance to             [Midde Zong               Plesign (Wu)               A.5               B.4               B.4               B.4            In accordance to             [Midde Zong               Plesign (Wu)               A.5               A.4               A.4            In accordance to               Placing (Class               A.4               A.4               A.4            Plesign (Wu)               CoO               CoO               CoO               CoO               CoO               A.4               A.4            To according thry U (WeLOVID               CoO               CoO               CoO	Cooling Canacity (kWat			18.000 (4.879-21.973)	27.000 (5.390-29.650)	36.000 (5.390-46.573)	42.000 (5.664-47.768)
Note of the section of the sectin of the section of the section of the section of the s		tt)		18.000 (4.879-21.973) 5.27 (1.43-6.44)	27.000 (5.390-29.650) 7.91 (1.58-8.69)	36.000 (5.390-46.573) 10.55 (1.58-13.65)	42.000 (5.664-47.768) 12.31 (1.66-14.00)
Cooling In accordance to In accor	Heating Capacity (Btu/	it) h)		18.000 (4.879-21.973) 5.27 (1.43-6.44) 19.000 (5.323-23.202)	27.000 (5.390-29.650) 7.91 (1.58-8.69) 28.000 (5.596-30.776)	36.000 (5.390-46.573) 10.55 (1.58-13.65) 36.000 (5.698-45.448)	42.000 (5.664-47.768) 12.31 (1.66-14.00) 42.000 (5.664-50.975)
Seasonal Efficiency In accordance to: NM 4825)SER5.86.26.15.8Harm In accordance to: NM 4825)Harm Hergy ClassAA+A+AHarm Middle 2010Hergy ClassAA+A+AHarm Max< Height Difference Between Induct of Units Max. Height Difference Between Induct of Units Max. Height Difference Between Induct of Units (m).Solo6.39.310.1Max. Height Difference Between Induct of UnitsFor all and an and an and and and and and and a	Heating Capacity (Btu/	it) h)	Pdesign (kW)	18.000 (4.879-21.973) 5.27 (1.43-6.44) 19.000 (5.323-23.202) 5.57 (1.56-6.80)	27.000 (5.390-29.650) 7.91 (1.58-8.69) 28.000 (5.596-30.776) 8.21 (1.64-9.02)	36.000 (5.390-46.573) 10.55 (1.58-13.65) 36.000 (5.698-45.448) 10.55 (1.67-13.32)	42.000 (5.664-47.768) 12.31 (1.66-14.00) 42.000 (5.664-50.975) 12.31 (1.66-14.94)
Seasonal Hitchery (Middle Zone)         Heating (Middle Zone)         Energy Class         A         A+         A+         A+         A           Petage (Middle Zone)         Energy Class         3.8         4.0         4.0         3.8           Petage (Warm Zone)         Pdesign (W)         5.0         6.3         9.3         10.1           Energy Class         A+         A++++         A++++         A++++         A+++           ScOP         5.3         5.2         5.4         5.2         5.2         5.4         5.2         5.2         5.4         5.2         5.2         5.4         5.2 </td <td>Heating Capacity (Btu/</td> <td>tt) h) tt)</td> <td>-</td> <td>18.000 (4.879-21.973) 5.27 (1.43-6.44) 19.000 (5.323-23.202) 5.57 (1.56-6.80) 5.2</td> <td>27.000 (5.390-29.650) 7.91 (1.58-8.69) 28.000 (5.596-30.776) 8.21 (1.64-9.02) 7.9</td> <td>36.000 (5.390-46.573) 10.55 (1.58-13.65) 36.000 (5.698-45.448) 10.55 (1.67-13.32) 10.5</td> <td>42.000 (5.664-47.768) 12.31 (1.66-14.00) 42.000 (5.664-50.975) 12.31 (1.66-14.94) 12.3</td>	Heating Capacity (Btu/	tt) h) tt)	-	18.000 (4.879-21.973) 5.27 (1.43-6.44) 19.000 (5.323-23.202) 5.57 (1.56-6.80) 5.2	27.000 (5.390-29.650) 7.91 (1.58-8.69) 28.000 (5.596-30.776) 8.21 (1.64-9.02) 7.9	36.000 (5.390-46.573) 10.55 (1.58-13.65) 36.000 (5.698-45.448) 10.55 (1.67-13.32) 10.5	42.000 (5.664-47.768) 12.31 (1.66-14.00) 42.000 (5.664-50.975) 12.31 (1.66-14.94) 12.3
$ \text{heading and constraints of the set of$	Heating Capacity (Btu/	tt) h) tt)	Energy Class	18.000 (4.879-21.973)         5.27 (1.43-6.44)         19.000 (5.323-23.202)         5.57 (1.56-6.80)         5.2         A+	27.000 (5.390-29.650) 7.91 (1.58-8.69) 28.000 (5.596-30.776) 8.21 (1.64-9.02) 7.9 A++	36.000 (5.390-46.573) 10.55 (1.58-13.65) 36.000 (5.698-45.448) 10.55 (1.67-13.32) 10.5 A++	42.000 (5.664-47.768) 12.31 (1.66-14.00) 42.000 (5.664-50.975) 12.31 (1.66-14.94) 12.3 A+
NNA9252       Image: SCOP       3.8       4.0       4.0       3.8         Max Height Difference Between Indoor Unit (wit)       Fergy Class       5.0       6.3       9.3       10.1         Max Height Difference Between Indoor Unit (with - Max 200-240/50/1       ScoP       5.3       5.2       5.4       5.2         Cooling Input (Warz/National Input (Witz/Harz/National I	Heating Capacity (Btu/ Heating Capacity (kWa	tt) h) tt) Cooling	Energy Class SEER	<ul> <li>18.000 (4.879-21.973)</li> <li>5.27 (1.43-6.44)</li> <li>19.000 (5.323-23.202)</li> <li>5.57 (1.56-6.80)</li> <li>5.2</li> <li>5.2</li> <li>A+</li> <li>5.8</li> </ul>	27.000 (5.390-29.650) 7.91 (1.58-8.69) 28.000 (5.596-30.776) 8.21 (1.64-9.02) 7.9 A++ 6.2	36.000 (5.390-46.573) 10.55 (1.58-13.65) 36.000 (5.698-45.448) 10.55 (1.67-13.32) 10.5 A++ 6.1	42.000 (5.664-47.768) 12.31 (1.66-14.00) 42.000 (5.664-50.975) 12.31 (1.66-14.94) 12.3 A+ 5.8
Heating (Warm Zone)         Energy Class         A+         A++++         A++++         A++++           SCOP         5.3         5.2         5.4         5.2           Cooling Input (Hazima Input (VHz/Ph)         220-240/50/1         200-240/50/1	Heating Capacity (Btu/ Heating Capacity (kWa Seasonal Efficiency In accordance to	tt) h) Cooling Heating	Energy Class SEER Pdesign (kW)	<ul> <li>18.000 (4.879-21.973)</li> <li>5.27 (1.43-6.44)</li> <li>19.000 (5.323-23.202)</li> <li>5.57 (1.56-6.80)</li> <li>5.2</li> <li>A+</li> <li>5.8</li> <li>4.5</li> </ul>	27.000 (5.390-29.650) 7.91 (1.58-8.69) 28.000 (5.596-30.776) 8.21 (1.64-9.02) 7.9 A++ 6.2 5.2	36.000 (5.390-46.573) 10.55 (1.58-13.65) 36.000 (5.698-45.448) 10.55 (1.67-13.32) 10.5 A++ 6.1 8.4	42.000 (5.664-47.768) 12.31 (1.66-14.00) 42.000 (5.664-50.975) 12.31 (1.66-14.94) 12.3 A+ 5.8 9.4
Warm Zong         Interface         A for the constraint of	Heating Capacity (Btu/ Heating Capacity (kWa Seasonal Efficiency (In accordance to	tt) h) Cooling Heating	Energy Class SEER Pdesign (kW) Energy Class SCOP	<ul> <li>18.000 (4.879-21.973)</li> <li>5.27 (1.43-6.44)</li> <li>19.000 (5.323-23.202)</li> <li>5.57 (1.56-6.80)</li> <li>5.2</li> <li>A+</li> <li>5.8</li> <li>4.5</li> <li>A</li> <li>3.8</li> </ul>	27.000 (5.390-29.650) 7.91 (1.58-8.69) 28.000 (5.596-30.776) 8.21 (1.64-9.02) 7.9 A++ 6.2 5.2 A+ 4.0	36.000 (5.390-46.573) 10.55 (1.58-13.65) 36.000 (5.698-45.448) 10.55 (1.67-13.32) 10.5 A++ 6.1 8.4 A+ 4.0	42.000 (5.664-47.768) 12.31 (1.66-14.00) 42.000 (5.664-50.975) 12.31 (1.66-14.94) 12.3 A+ 5.8 9.4 A 3.8
Cooling Input / Hating Input (V/Hz/PL)220-240/50/1220-240/50/1220-240/50/1220-240/50/1220-240/50/1220-240/50/1220-240/50/1220-240/50/1220-240/50/1220-240/50/1220-240/50/1220-240/50/1220-240/50/1220-240/50/1220-240/50/1220-240/50/1220-240/50/1150 </td <td>Heating Capacity (Btu/ Heating Capacity (kWa Seasonal Efficiency In accordance to</td> <td>tt) h) Cooling Heating (Middle Zone)</td> <td>Energy Class SEER Pdesign (kW) Energy Class SCOP Pdesign (kW)</td> <td><ul> <li>18.000 (4.879-21.973)</li> <li>5.27 (1.43-6.44)</li> <li>19.000 (5.323-23.202)</li> <li>5.57 (1.56-6.80)</li> <li>5.2</li> <li>A+</li> <li>5.8</li> <li>4.5</li> <li>A</li> <li>3.8</li> <li>5.0</li> </ul></td> <td>27.000 (5.390-29.650) 7.91 (1.58-8.69) 28.000 (5.596-30.776) 8.21 (1.64-9.02) 7.9 A++ 6.2 5.2 A+ 4.0 6.3</td> <td>36.000 (5.390-46.573) 10.55 (1.58-13.65) 36.000 (5.698-45.448) 10.55 (1.67-13.32) 10.5 A++ 6.1 8.4 A+ 4.0 9.3</td> <td>42.000 (5.664-47.768) 12.31 (1.66-14.00) 42.000 (5.664-50.975) 12.31 (1.66-14.94) 12.3 A+ 5.8 9.4 A 3.8 10.1</td>	Heating Capacity (Btu/ Heating Capacity (kWa Seasonal Efficiency In accordance to	tt) h) Cooling Heating (Middle Zone)	Energy Class SEER Pdesign (kW) Energy Class SCOP Pdesign (kW)	<ul> <li>18.000 (4.879-21.973)</li> <li>5.27 (1.43-6.44)</li> <li>19.000 (5.323-23.202)</li> <li>5.57 (1.56-6.80)</li> <li>5.2</li> <li>A+</li> <li>5.8</li> <li>4.5</li> <li>A</li> <li>3.8</li> <li>5.0</li> </ul>	27.000 (5.390-29.650) 7.91 (1.58-8.69) 28.000 (5.596-30.776) 8.21 (1.64-9.02) 7.9 A++ 6.2 5.2 A+ 4.0 6.3	36.000 (5.390-46.573) 10.55 (1.58-13.65) 36.000 (5.698-45.448) 10.55 (1.67-13.32) 10.5 A++ 6.1 8.4 A+ 4.0 9.3	42.000 (5.664-47.768) 12.31 (1.66-14.00) 42.000 (5.664-50.975) 12.31 (1.66-14.94) 12.3 A+ 5.8 9.4 A 3.8 10.1
ndoor Number of Units (Min. – Max       1-2       1-3       1-4       1-5         Noise Level (dB(A))       56       59       63       62         Sound Power Level (dB(A))       63       65       68       71         Dimensions WxDxH (mm)       800x333x554       845x363x702       946x410x810       946x410x810         Vet Weight (kg)       36.0       53.0       68.8       73.3         Compressor Type       ROTARY       ROTARY       ROTARY       ROTARY         Liquid Line   Gas Line       2 x (1/4"   3/8")       3 x (1/4"   3/8") + 1 x (1/4"   1/2")       4x (1/4"   3/8") + 1 x (1/4"   1/2")       4x (1/4"   3/8") + 1 x (1/4"   1/2")       3x4.0 / 1x25         Power Supply Wire Outdoor (Nox mm7) / Fuses (A)       3 x 2.5 / 1x16       3 x 2.5 / 1x20       3 x 4.0 / 1x25       3 x 4.0 / 1x25         Refrigerant (gr)       R32 / 1.300       R32 / 1.570       R32 / 2.100       R32 / 2.400         Maximum Pipe Length (m)       Total       40       60       80       80         Nax. Height Difference Between Indoor Unit (m)       15       15       15       15       15         Max. Height Difference Between Indoor Unit (m)       10       10       10       10       10	Heating Capacity (Btu/ Heating Capacity (kWa Seasonal Efficiency In accordance to	tt) h) tt) Cooling Heating (Middle Zone) Heating	Energy Class SEER Pdesign (kW) Energy Class SCOP Pdesign (kW) Energy Class	<ul> <li>18.000 (4.879-21.973)</li> <li>5.27 (1.43-6.44)</li> <li>19.000 (5.323-23.202)</li> <li>5.57 (1.56-6.80)</li> <li>5.2</li> <li>A+</li> <li>5.8</li> <li>4.5</li> <li>A</li> <li>3.8</li> <li>5.0</li> <li>A+</li> </ul>	27.000 (5.390-29.650) 7.91 (1.58-8.69) 28.000 (5.596-30.776) 8.21 (1.64-9.02) 7.9 A++ 6.2 5.2 A+ 4.0 6.3 A+++	36.000 (5.390-46.573) 10.55 (1.58-13.65) 36.000 (5.698-45.448) 10.55 (1.67-13.32) 10.5 A++ 6.1 8.4 A+ 4.0 9.3 A+++	42.000 (5.664-47.768) 12.31 (1.66-14.00) 42.000 (5.664-50.975) 12.31 (1.66-14.94) 12.3 A+ 5.8 9.4 A 3.8 10.1 A+++
Noise Level (dB(A))56596362Sound Power Level (dB(A))63656871Dimensions WxDxH (mm)800x33x554845x363x702946x410x810946x410x810Vet Weight (kg)36.053.068.873.3Compressor TypeROTARYROTARYROTARYROTARYiquid Line   Gas Line2x(1/4*  3/8*)3x(1/4*  3/8*)*1x(1/4*  3/8*)*Power Supply Wire Outdoor (Nox mathemeter)3x2.5/1x163x2.5/1x203x4.0/1x25Refrigerant (gr)7al4406080Arax Height Difference Between Indoor or and Outdoor Unit (m)151535Arax. Height Difference Between Hower Aray Base (%)151515Ower Supply Difference Between Indoor Unit (m)101010	Heating Capacity (Btu/ Heating Capacity (kWa Seasonal Efficiency In accordance to IN14825)	tt) h) tt) Cooling Heating (Middle Zone) Heating (Warm Zone)	Energy Class SEER Pdesign (kW) Energy Class SCOP Pdesign (kW) Energy Class SCOP	<ul> <li>18.000 (4.879-21.973)</li> <li>5.27 (1.43-6.44)</li> <li>19.000 (5.323-23.202)</li> <li>5.57 (1.56-6.80)</li> <li>5.2</li> <li>A+</li> <li>5.8</li> <li>4.5</li> <li>A.5</li> <li></li></ul>	27.000 (5.390-29.650) 7.91 (1.58-8.69) 28.000 (5.596-30.776) 8.21 (1.64-9.02) 7.9 A++ 6.2 5.2 A+ 4.0 6.3 A+++ 5.2	36.000 (5.390-46.573) 10.55 (1.58-13.65) 36.000 (5.698-45.448) 10.55 (1.67-13.32) 10.5 A++ 6.1 8.4 A+ 4.0 9.3 A+++ 5.4	42.000 (5.664-47.768) 12.31 (1.66-14.00) 42.000 (5.664-50.975) 12.31 (1.66-14.94) 12.3 A+ 5.8 9.4 A 3.8 10.1 A+++ 5.2
Sound Power Level (dB(A))       63       65       68       71         Dimensions WxDxH (mm)       800x333x554       845x363x702       946x410x810       946x410x810         Vet Weight (kg)       3.60       53.0       68.8       73.3         Compressor Type       ROTARY       ROTARY       ROTARY       ROTARY       ROTARY         Liquid Line   Gas Line       2 x (1/4"   3/8")       3 x (1/4"   3/8")       1 x (1/4"   1/2")       1 x (1/4"   1/2")       1 x (1/4"   1/2")       1 x (1/4"   1/2")       1 x (1/4"   3/8")       1 x (1/4"   1/2")       1 x	Heating Capacity (Btu/ Heating Capacity (kWa Seasonal Efficiency In accordance to IN14825)	tt) h) tt) Cooling Heating (Middle Zone) Heating (Warm Zone) g Input (V/Hz/F	Energy Class SEER Pdesign (kW) Energy Class SCOP Pdesign (kW) Energy Class SCOP	<ul> <li>18.000 (4.879-21.973)</li> <li>5.27 (1.43-6.44)</li> <li>19.000 (5.323-23.202)</li> <li>5.57 (1.56-6.80)</li> <li>5.2</li> <li>A+</li> <li>5.8</li> <li>4.5</li> <li>A.4</li> <li>3.8</li> <li>5.0</li> <li>A+</li> <li>5.3</li> <li>220-240/50/1</li> </ul>	27.000 (5.390-29.650) 7.91 (1.58-8.69) 28.000 (5.596-30.776) 8.21 (1.64-9.02) 7.9 A++ 6.2 5.2 A+ 4.0 6.3 A+ 4.0 6.3 A+++ 5.2 220-240/50/1	36.000 (5.390-46.573) 10.55 (1.58-13.65) 36.000 (5.698-45.448) 10.55 (1.67-13.32) 10.5 A++ 6.1 8.4 A+ 4.0 9.3 A+++ 5.4 220-240/50/1	42.000 (5.664-47.768) 12.31 (1.66-14.00) 42.000 (5.664-50.975) 12.31 (1.66-14.94) 12.3 A+ 5.8 9.4 A 3.8 10.1 A+++ 5.2 220-240/50/1
Dimensions WxDxH (mm)       800x333x554       845x363x702       946x410x810       946x410x810         Net Weight (kg)       36.0       53.0       68.8       73.3         compressor Type       ROTARY       ROTARY       ROTARY       ROTARY         ciquid Line   Gas Line $2 x (1/4"   3/8")$ $3 x (1/4"   3/8")^+$ $1 x (1/4"   3/8")^+$ $1 x (1/4"   3/8")^+$ $1 x (1/4"   3/8")^+$ cower Supply Wire Outdoor (No x mm)/ Fuses (A)       3x2.5 / 1x16       3x2.5 / 1x20       3x4.0 / 1x25       3x4.0 / 1x25         Refrigerant (gr)       Total       40       60       80       80         Max. Height Difference Betweent modul outdoor Unit (m)       15       15       35       35         Max. Height Difference Betweent modul outdoor Unit (m)       10       10       10       10       10	Heating Capacity (Btu/ Heating Capacity (kWa Seasonal Efficiency In accordance to N14825) Cooling Input/ Heatin ndoor Number of Un	tt) h) tt) Cooling Heating (Middle Zone) Heating (Warm Zone) g Input (V/Hz/F	Energy Class SEER Pdesign (kW) Energy Class SCOP Pdesign (kW) Energy Class SCOP	<ul> <li>18.000 (4.879-21.973)</li> <li>5.27 (1.43-6.44)</li> <li>19.000 (5.323-23.202)</li> <li>5.57 (1.56-6.80)</li> <li>5.2</li> <li>A+</li> <li>5.8</li> <li>4.5</li> <li>A</li> <li>3.8</li> <li>5.0</li> <li>A+</li> <li>5.3</li> <li>220-240/50/1</li> <li>1-2</li> </ul>	27.000 (5.390-29.650) 7.91 (1.58-8.69) 28.000 (5.596-30.776) 8.21 (1.64-9.02) 7.9 A++ 6.2 5.2 A+ 4.0 6.3 A+ 4.0 6.3 A+++ 5.2 220-240/50/1 1-3	36.000 (5.390-46.573) 10.55 (1.58-13.65) 36.000 (5.698-45.448) 10.55 (1.67-13.32) 10.5 A++ 6.1 8.4 A+ 4.0 9.3 A+++ 5.4 220-240/50/1 1-4	42.000 (5.664-47.768) 12.31 (1.66-14.00) 42.000 (5.664-50.975) 12.31 (1.66-14.94) 12.3 A+ 5.8 9.4 A 3.8 10.1 A++++ 5.2 220-240/50/1 1-5
Net Weight (kg)       36.0       53.0       68.8       73.3         Compressor Type       ROTARY       ROTARY       ROTARY       ROTARY         Liquid Line   Gas Line $2 x (1/4"   3/8")$ $3 x (1/4"   3/8")$ $3 x (1/4"   3/8")$ $1 x (1/4"   3/8")$ Power Supply Wire Outdoor (No x mm)/ Fuses (A) $3 x 2.5 / 1x16$ $3 x 2.5 / 1x20$ $3 x 4.0 / 1x25$ $3 x 4.0 / 1x25$ Refrigerant (gr)       Fold       ROTARY       R032 / 1.570       R032 / 2.100       R032 / 2.400         Max Meight Difference Between mideor Unit (m)       Total       40       60       80       80         Max. Height Difference Between mideor Unit (m)       Instrume for the second outdoor Unit (m)       Instrume for the second outboor Unit (m) <thinstrume for="" outboor="" second="" td="" the="" u<=""><td>Heating Capacity (Btu/ Heating Capacity (kWa Seasonal Efficiency In accordance to IN 14825) Cooling Input/ Heatin Indoor Number of Un Noise Level (dB(A))</td><td>tt) h) tt) Cooling Heating (Middle Zone) Heating (Warm Zone) g Input (V/Hz/F its (Min. – Ma</td><td>Energy Class SEER Pdesign (kW) Energy Class SCOP Pdesign (kW) Energy Class SCOP</td><td><ul> <li>18.000 (4.879-21.973)</li> <li>5.27 (1.43-6.44)</li> <li>19.000 (5.323-23.202)</li> <li>5.57 (1.56-6.80)</li> <li>5.2</li> <li>A+</li> <li>5.8</li> <li>4.5</li> <li>A+</li> <li>3.8</li> <li>5.0</li> <li>A+</li> <li>5.3</li> <li>220-240/50/1</li> <li>1-2</li> <li>56</li> </ul></td><td>27.000 (5.390-29.650) 7.91 (1.58-8.69) 28.000 (5.596-30.776) 8.21 (1.64-9.02) 7.9 A++ 6.2 5.2 A+ 4.0 6.3 A+ 4.0 6.3 A+++ 5.2 220-240/50/1 1-3 59</td><td>36.000 (5.390-46.573) 10.55 (1.58-13.65) 36.000 (5.698-45.448) 10.55 (1.67-13.32) 10.5 A++ 6.1 8.4 A+ 4.0 9.3 A+++ 5.4 220-240/50/1 1-4 63</td><td>42.000 (5.664-47.768) 12.31 (1.66-14.00) 42.000 (5.664-50.975) 12.31 (1.66-14.94) 12.3 A+ 5.8 9.4 A 3.8 10.1 A+++ 5.2 220-240/50/1 1.5 62</td></thinstrume>	Heating Capacity (Btu/ Heating Capacity (kWa Seasonal Efficiency In accordance to IN 14825) Cooling Input/ Heatin Indoor Number of Un Noise Level (dB(A))	tt) h) tt) Cooling Heating (Middle Zone) Heating (Warm Zone) g Input (V/Hz/F its (Min. – Ma	Energy Class SEER Pdesign (kW) Energy Class SCOP Pdesign (kW) Energy Class SCOP	<ul> <li>18.000 (4.879-21.973)</li> <li>5.27 (1.43-6.44)</li> <li>19.000 (5.323-23.202)</li> <li>5.57 (1.56-6.80)</li> <li>5.2</li> <li>A+</li> <li>5.8</li> <li>4.5</li> <li>A+</li> <li>3.8</li> <li>5.0</li> <li>A+</li> <li>5.3</li> <li>220-240/50/1</li> <li>1-2</li> <li>56</li> </ul>	27.000 (5.390-29.650) 7.91 (1.58-8.69) 28.000 (5.596-30.776) 8.21 (1.64-9.02) 7.9 A++ 6.2 5.2 A+ 4.0 6.3 A+ 4.0 6.3 A+++ 5.2 220-240/50/1 1-3 59	36.000 (5.390-46.573) 10.55 (1.58-13.65) 36.000 (5.698-45.448) 10.55 (1.67-13.32) 10.5 A++ 6.1 8.4 A+ 4.0 9.3 A+++ 5.4 220-240/50/1 1-4 63	42.000 (5.664-47.768) 12.31 (1.66-14.00) 42.000 (5.664-50.975) 12.31 (1.66-14.94) 12.3 A+ 5.8 9.4 A 3.8 10.1 A+++ 5.2 220-240/50/1 1.5 62
Compressor TypeROTARYROTARYROTARYROTARYROTARYLiquid Line   Gas Line $2 \times (1/4"   3/8")$ $2 \times (1/4"   3/8")$ $3 \times (1/4"   3/8")$ $4 \times (1/4"   3/8") + 1 \times (1/4"   1/2")$ Power Supply Wire Outdoor (No x mm <sup>-</sup> ) / Fuses (A) $3 \times 2.5 / 1 \times 10$ $3 \times 2.5 / 1 \times 20$ $3 \times 4.0 / 1 \times 25$ Power Supply Wire Outdoor (No x mm <sup>-</sup> ) / Fuses (A) $3 \times 2.5 / 1 \times 10$ $3 \times 2.5 / 1 \times 20$ $3 \times 4.0 / 1 \times 25$ Refrigerant (gr)R12 / 1.300R12 / 1.570R13 / 2.100R13 / 2.400Maximum Pipe Length (m)Total40608080For one Indoor Unit25303535Max. Height Difference Between1515151515Max. Height Difference Between00000Max. Height Difference Between1010101010	Heating Capacity (Btu/ Heating Capacity (kWa Seasonal Efficiency In accordance to EN14825) Cooling Input/ Heatin Indoor Number of Un Noise Level (dB(A)) Sound Power Level (d	tt) h) tt) Cooling Heating (Middle Zone) Heating (Warm Zone) g Input (V/Hz/F its (Min. – Ma B(A))	Energy Class SEER Pdesign (kW) Energy Class SCOP Pdesign (kW) Energy Class SCOP	<ul> <li>18.000 (4.879-21.973)</li> <li>5.27 (1.43-6.44)</li> <li>19.000 (5.323-23.202)</li> <li>5.57 (1.56-6.80)</li> <li>5.2</li> <li>A+</li> <li>5.8</li> <li>4.5</li> <li>A</li> <li>3.8</li> <li>5.0</li> <li>A+</li> <li>5.3</li> <li>220-240/50/1</li> <li>1-2</li> <li>56</li> <li>63</li> </ul>	27.000 (5.390-29.650) 7.91 (1.58-8.69) 28.000 (5.596-30.776) 8.21 (1.64-9.02) 7.9 A++ 6.2 5.2 A+ 4.0 6.3 A+ 4.0 6.3 A+++ 5.2 220-240/50/1 1-3 59 65	36.000 (5.390-46.573) 10.55 (1.58-13.65) 36.000 (5.698-45.448) 10.55 (1.67-13.32) 10.5 A+++ 6.1 8.4 A+ 4.0 9.3 A+++ 5.4 220-240/50/1 1-4 63 68	42.000 (5.664-47.768) 12.31 (1.66-14.00) 42.000 (5.664-50.975) 12.31 (1.66-14.94) 12.3 A+ 5.8 9.4 A 3.8 10.1 A+++ 5.2 220-240/50/1 1-5 62 71
Liquid Line   Gas Line $2 \times (1/4"   3/8")$ $3 \times (1/4"   3/8")$ $3 \times (1/4"   3/8")^+$ $4 \times (1/4"   3/8")^+$ Power Supply Wire Outdoor (No x mm') / Fuses (A) $3 \times 2.5 / 1 \times 16$ $3 \times 2.5 / 1 \times 20$ $3 \times 4.0 / 1 \times 25$ $3 \times 4.0 / 1 \times 25$ Power Supply Wire Outdoor (No x mm') / Fuses (A) $3 \times 2.5 / 1 \times 16$ $3 \times 2.5 / 1 \times 20$ $3 \times 4.0 / 1 \times 25$ $3 \times 4.0 / 1 \times 25$ Refrigerant (gr)       Image: Total content of the content of	Heating Capacity (Btu/ Heating Capacity (kWa Seasonal Efficiency In accordance to IN 14825) Cooling Input/ Heatin Indoor Number of Un Noise Level (dB(A)) Sound Power Level (d Dimensions WxDxH (r	tt) h) tt) Cooling Heating (Middle Zone) Heating (Warm Zone) g Input (V/Hz/F its (Min. – Ma B(A))	Energy Class SEER Pdesign (kW) Energy Class SCOP Pdesign (kW) Energy Class SCOP	<ul> <li>18.000 (4.879-21.973)</li> <li>5.27 (1.43-6.44)</li> <li>19.000 (5.323-23.202)</li> <li>5.57 (1.56-6.80)</li> <li>5.2</li> <li>A+</li> <li>5.8</li> <li>4.5</li> <li>A.</li> <li>3.8</li> <li>5.0</li> <li>A+</li> <li>5.3</li> <li>220-240/50/1</li> <li>1-2</li> <li>56</li> <li>63</li> <li>800x333x554</li> </ul>	27.000 (5.390-29.650) 7.91 (1.58-8.69) 28.000 (5.596-30.776) 8.21 (1.64-9.02) 7.9 A++ 6.2 5.2 A+ 4.0 6.3 A++ 5.2 220-240/50/1 1-3 59 65 845x363x702	36.000 (5.390-46.573) 10.55 (1.58-13.65) 36.000 (5.698-45.448) 10.55 (1.67-13.32) 10.5 A++ 6.1 8.4 A+ 4.0 9.3 A+++ 5.4 220-240/50/1 1-4 63 68 946x410x810	42.000 (5.664-47.768) 12.31 (1.66-14.00) 42.000 (5.664-50.975) 12.31 (1.66-14.94) 12.3 A+ 5.8 9.4 A 3.8 10.1 A+++ 5.2 220-240/50/1 1-5 62 71 946x410x810
Power Supply Wire Outdoor (No x mm)/ Fuses (A) $3x2.5/1x16$ $3x2.5/1x20$ $3x4.0/1x25$ $3x4.0/1x25$ Refrigerant (gr)       R32/1.300       R32/1.570       R32/2.100       R32/2.400         Maximum Pipe Length (m)       Total       40       60       80       80         Max. Height Difference Between Indoor Unit (m)       Total       15       15       15       15         Max. Height Difference Between Indoor Unit (m)       Units (m)       10       10       10       10	Heating Capacity (Btu/ Heating Capacity (kWa Seasonal Efficiency In accordance to In accordance to In 14825) Cooling Input/ Heatin Indoor Number of Un Noise Level (dB(A)) Sound Power Level (d) Dimensions WxDxH (r Net Weight (kg)	tt) h) tt) Cooling Heating (Middle Zone) Heating (Warm Zone) g Input (V/Hz/F its (Min. – Ma B(A))	Energy Class SEER Pdesign (kW) Energy Class SCOP Pdesign (kW) Energy Class SCOP	<ul> <li>18.000 (4.879-21.973)</li> <li>5.27 (1.43-6.44)</li> <li>19.000 (5.323-23.202)</li> <li>5.57 (1.56-6.80)</li> <li>5.2</li> <li>A+</li> <li>5.8</li> <li>4.5</li> <li>4.5</li> <li>4.5</li> <li>3.8</li> <li>5.0</li> <li>A+</li> <li>5.3</li> <li>220-240/50/1</li> <li>1-2</li> <li>56</li> <li>63</li> <li>800x333x554</li> <li>36.0</li> </ul>	27.000 (5.390-29.650) 7.91 (1.58-8.69) 28.000 (5.596-30.776) 8.21 (1.64-9.02) 7.9 A++ 6.2 5.2 A+ 4.0 6.3 A+ 4.0 6.3 A+++ 5.2 220-240/50/1 1-3 59 65 845x363x702 53.0	36.000 (5.390-46.573) 10.55 (1.58-13.65) 36.000 (5.698-45.448) 10.55 (1.67-13.32) 10.5 A++ 6.1 8.4 A+ 4.0 9.3 A+++ 5.4 220-240/50/1 1-4 63 68 946x410x810 68.8	42.000 (5.664-47.768) 12.31 (1.66-14.00) 42.000 (5.664-50.975) 12.31 (1.66-14.94) 12.3 A+ 5.8 9.4 A 3.8 10.1 A+++ 5.2 220-240/50/1 1-5 62 71 946x410x810 73.3
Refrigerant (gr)         R32 / 1.300         R32 / 1.570         R32 / 2.100         R32 / 2.400           Maximum Pipe Length (m)         Total         40         60         80         80           Max. Height Difference Between Indoor and Outdoor Unit (m)         125         30         35         35           Max. Height Difference Between Indoor and Outdoor Unit (m)         15         15         15         15	Heating Capacity (Btu/ Heating Capacity (kWa Seasonal Efficiency In accordance to EN14825) Cooling Input/ Heatin Indoor Number of Un Noise Level (dB(A)) Sound Power Level (dI Dimensions WxDxH (r Net Weight (kg) Compressor Type	tt) h) tt) Cooling Heating (Middle Zone) Heating (Warm Zone) g Input (V/Hz/F its (Min. – Ma B(A)) nm)	Energy Class SEER Pdesign (kW) Energy Class SCOP Pdesign (kW) Energy Class SCOP	18.000 (4.879-21.973)         5.27 (1.43-6.44)         19.000 (5.323-23.202)         5.57 (1.56-6.80)         5.2         A+         5.53         A+         3.8         5.0         A+         5.3         220-240/50/1         1-2         56         63         800x333x554         36.0         ROTARY	27.000 (5.390-29.650) 7.91 (1.58-8.69) 28.000 (5.596-30.776) 8.21 (1.64-9.02) 7.9 A++ 6.2 5.2 A+ 4.0 6.3 A++ 5.2 220-240/50/1 1-3 59 65 845x363x702 53.0 ROTARY	36.000 (5.390-46.573) 10.55 (1.58-13.65) 36.000 (5.698-45.448) 10.55 (1.67-13.32) 10.5 A++ 6.1 8.4 A+ 4.0 9.3 A+++ 5.4 220-240/50/1 1-4 63 68 946x410x810 68.8 ROTARY 3 x (1/4"   3/8") +	42.000 (5.664-47.768) 12.31 (1.66-14.00) 42.000 (5.664-50.975) 12.31 (1.66-14.94) 12.3 A+ 5.8 9.4 A 3.8 10.1 A+++ 5.2 220-240/50/1 1-5 62 71 946x410x810 73.3 ROTARY 4x (1/4"   3/8") +
Total     40     60     80       Maximum Pipe Length (m)     Total     40     60     80       For one Indoor Unit     25     30     35     35       Max. Height Difference Between Indoor and Outdoor Unit (m)     15     15     15       Max. Height Difference Between Indoor Units (m)     0     0     0	Heating Capacity (Btu/ Heating Capacity (kWa Seasonal Efficiency (In accordance to EN14825) Cooling Input/ Heatin Indoor Number of Un Noise Level (dB(A)) Sound Power Level (dI Dimensions WxDxH (r Net Weight (kg) Compressor Type Liquid Line   Gas Line	tt) h) tt) Cooling Heating (Middle Zone) Heating (Warm Zone) g Input (V/Hz/F its (Min. – Ma B(A)) nm)	Energy Class SEER Pdesign (kW) Energy Class SCOP Pdesign (kW) Energy Class SCOP Ph) x)	<ul> <li>18.000 (4.879-21.973)</li> <li>5.27 (1.43-6.44)</li> <li>19.000 (5.323-23.202)</li> <li>5.57 (1.56-6.80)</li> <li>5.2</li> <li>A+</li> <li>5.8</li> <li>4.5</li> <li>A+</li> <li>3.8</li> <li>5.0</li> <li>A+</li> <li>5.3</li> <li>220-240/50/1</li> <li>1-2</li> <li>56</li> <li>63</li> <li>800x333x554</li> <li>36.0</li> <li>ROTARY</li> <li>2 x (1/4"   3/8")</li> </ul>	27.000 (5.390-29.650) 7.91 (1.58-8.69) 28.000 (5.596-30.776) 8.21 (1.64-9.02) 7.9 A++ 6.2 5.2 A+ 4.0 6.3 A+ 4.0 6.3 A++ 5.2 220-240/50/1 1-3 59 65 845x363x702 53.0 ROTARY 3 x (1/4"   3/8")	36.000 (5.390-46.573) 10.55 (1.58-13.65) 36.000 (5.698-45.448) 10.55 (1.67-13.32) 10.5 A++ 6.1 8.4 A+ 4.0 9.3 A+++ 5.4 220-240/50/1 1-4 63 68 946×410×810 68.8 ROTARY 3 × (1/4"   3/8") + 1× (1/4"   1/2")	42.000 (5.664-47.768) 12.31 (1.66-14.00) 42.000 (5.664-50.975) 12.31 (1.66-14.94) 12.3 A+ 5.8 9.4 A 3.8 10.1 A++++ 5.2 220-240/50/1 1-5 62 71 946x410x810 73.3 ROTARY 4x (1/4"   3/8") + 1x (1/4"   1/2")
Maximum Pipe Length (m)     For one Indoor Unit     25     30     35     35       Max. Height Difference Between Indoor and Outdoor Unit (m)     15     15     15     15       Max. Height Difference Between Indoor Units (m)     10     10     10     10	Heating Capacity (Btu/ Heating Capacity (kWa Seasonal Efficiency (In accordance to EN14825) Cooling Input/ Heatin Indoor Number of Un Noise Level (dB(A)) Sound Power Level (dI Dimensions WxDxH (r Net Weight (kg) Compressor Type Liquid Line   Gas Line Power Supply Wire Ot	tt) h) tt) Cooling Heating (Middle Zone) Heating (Warm Zone) g Input (V/Hz/F its (Min. – Ma B(A)) nm)	Energy Class SEER Pdesign (kW) Energy Class SCOP Pdesign (kW) Energy Class SCOP Ph) x)	<ul> <li>18.000 (4.879-21.973)</li> <li>5.27 (1.43-6.44)</li> <li>19.000 (5.323-23.202)</li> <li>5.57 (1.56-6.80)</li> <li>5.2</li> <li>A+</li> <li>5.8</li> <li>4.5</li> <li>A</li> <li>3.8</li> <li>5.0</li> <li>A+</li> <li>5.3</li> <li>220-240/50/1</li> <li>1-2</li> <li>56</li> <li>63</li> <li>800x333x554</li> <li>36.0</li> <li>ROTARY</li> <li>2 x (1/4"   3/8")</li> <li>3x2.5 / 1x16</li> </ul>	27.000 (5.390-29.650) 7.91 (1.58-8.69) 28.000 (5.596-30.776) 8.21 (1.64-9.02) 7.9 A++ 6.2 5.2 A+ 4.0 6.3 A+ 4.0 6.3 A+ 5.2 220-240/50/1 1-3 59 65 845x363x702 53.0 ROTARY 3 x (1/4"   3/8") 3x2.5 / 1x20	36.000 (5.390-46.573) 10.55 (1.58-13.65) 36.000 (5.698-45.448) 10.55 (1.67-13.32) 10.5 A++ 6.1 8.4 A+ 4.0 9.3 A+++ 5.4 220-240/50/1 1-4 63 68 946×410x810 68.8 ROTARY 3 x (1/4"   3/8") + 1x (1/4"   1/2") 3x4.0 / 1x25	42.000 (5.664-47.768) 12.31 (1.66-14.00) 42.000 (5.664-50.975) 12.31 (1.66-14.94) 12.3 A+ 5.8 9.4 A 3.8 10.1 A+++ 5.2 220-240/50/1 1-5 62 71 946x410x810 73.3 ROTARY 4x (1/4"   3/8") + 1x (1/4"   1/2") 3x4.0 / 1x25
Max. Height Difference Between Indoor and Outdoor Unit (m)151515Max. Height Difference Between Indoor Units (m)101010	Heating Capacity (Btu/ Heating Capacity (kWa Seasonal Efficiency (In accordance to EN14825) Cooling Input/ Heatin Indoor Number of Un Noise Level (dB(A)) Sound Power Level (d Dimensions WxDxH (r Net Weight (kg) Compressor Type Liquid Line   Gas Line Power Supply Wire Or Refrigerant (gr)	tt) h) tt) Cooling Heating (Middle Zone) Heating (Warm Zone) g Input (V/Hz/F its (Min. – Ma B(A)) nm)	Energy Class SEER Pdesign (kW) Energy Class SCOP Pdesign (kW) Energy Class SCOP Ph) x)	<ul> <li>18.000 (4.879-21.973)</li> <li>5.27 (1.43-6.44)</li> <li>19.000 (5.323-23.202)</li> <li>5.57 (1.56-6.80)</li> <li>5.2</li> <li>A+</li> <li>5.8</li> <li>4.5</li> <li>A.</li> <li>3.8</li> <li>5.0</li> <li>A+</li> <li>5.3</li> <li>220-240/50/1</li> <li>1-2</li> <li>56</li> <li>63</li> <li>800x333x554</li> <li>36.0</li> <li>ROTARY</li> <li>2 x (1/4"   3/8")</li> <li>3x2.5 / 1x16</li> <li>R32 / 1.300</li> </ul>	27.000 (5.390-29.650) 7.91 (1.58-8.69) 28.000 (5.596-30.776) 8.21 (1.64-9.02) 7.9 A++ 6.2 5.2 A+ 4.0 6.3 A+ 4.0 6.3 A+++ 5.2 220-240/50/1 1-3 59 65 845x363x702 53.0 ROTARY 3 x (1/4"   3/8") 3x2.5 / 1x20 R32 / 1.570	36.000 (5.390-46.573) 10.55 (1.58-13.65) 36.000 (5.698-45.448) 10.55 (1.67-13.32) 10.5 A++ 6.1 8.4 A+ 4.0 9.3 A+++ 5.4 220-240/50/1 1-4 63 68 946×410x810 68.8 ROTARY 3 x (1/4"   3/8") + 1x (1/4"   1/2") 3x4.0 / 1x25 R32 / 2.100	42.000 (5.664-47.768) 12.31 (1.66-14.00) 42.000 (5.664-50.975) 12.31 (1.66-14.94) 12.3 A+ 5.8 9.4 A 3.8 10.1 A+++ 5.2 220-240/50/1 1-5 62 71 946x410x810 73.3 ROTARY 4x (1/4"   3/8") + 1x (1/4"   1/2") 3x4.0 / 1x25 R32 / 2.400
Max. Height Difference Between Indoor Units (m)     10     10     10     10	Heating Capacity (Btu/ Heating Capacity (kWa Seasonal Efficiency (In accordance to EN14825) Cooling Input/ Heatin Indoor Number of Un Noise Level (dB(A)) Sound Power Level (dI Dimensions WxDxH (r Net Weight (kg) Compressor Type Liquid Line   Gas Line Power Supply Wire Ot Refrigerant (gr)	tt) h) tt) Cooling Heating (Middle Zone) Heating (Warm Zone) g Input (V/Hz/F its (Min. – Ma B(A)) nm)	Energy Class SEER Pdesign (kW) Energy Class SCOP Pdesign (kW) Energy Class SCOP Ph) x)	<ul> <li>18.000 (4.879-21.973)</li> <li>5.27 (1.43-6.44)</li> <li>19.000 (5.323-23.202)</li> <li>5.57 (1.56-6.80)</li> <li>5.2</li> <li>A+</li> <li>5.8</li> <li>4.5</li> <li>A.</li> <li>3.8</li> <li>5.0</li> <li>A+</li> <li>5.3</li> <li>220-240/50/1</li> <li>1-2</li> <li>56</li> <li>63</li> <li>800x333x554</li> <li>36.0</li> <li>ROTARY</li> <li>2 x (1/4"   3/8")</li> <li>3x2.5 / 1x16</li> <li>R32 / 1.300</li> <li>40</li> </ul>	27.000 (5.390-29.650) 7.91 (1.58-8.69) 28.000 (5.596-30.776) 8.21 (1.64-9.02) 7.9 A++ 6.2 5.2 A+ 4.0 6.3 A++ 4.0 6.3 A++ 5.2 220-240/50/1 1-3 59 65 845x363x702 53.0 ROTARY 3 x (1/4"   3/8") 3x2.5 / 1x20 R32 / 1.570 60	36.000 (5.390-46.573) 10.55 (1.58-13.65) 36.000 (5.698-45.448) 10.55 (1.67-13.32) 10.5 A+++ 6.1 8.4 A+ 4.0 9.3 A+++ 5.4 220-240/50/1 1-4 63 68 946x410x810 68.8 ROTARY 3 x (1/4"   3/8") + 1x (1/4"   1/2") 3x4.0 / 1x25 R32 / 2.100 80	42.000 (5.664-47.768) 12.31 (1.66-14.00) 42.000 (5.664-50.975) 12.31 (1.66-14.94) 12.3 A+ 5.8 9.4 A 3.8 10.1 A+++ 5.2 220-240/50/1 1-5 62 71 946x410x810 73.3 ROTARY 4x (1/4"   3/8") + 1x (1/4"   1/2") 3x4.0 / 1x25 R32 / 2.400 80
Departing Temperature Papers (%)	Heating Capacity (Btu/ Heating Capacity (kWa Seasonal Efficiency In accordance to EN14825) Cooling Input/ Heatin Indoor Number of Un Noise Level (dB(A)) Sound Power Level (dI Dimensions WxDxH (r Net Weight (kg) Compressor Type Liquid Line   Gas Line Power Supply Wire Ou Refrigerant (gr) Maximum Pipe Lengt!	tt) h) tt) Cooling Heating (Middle Zone) Heating (Warm Zone) g Input (V/Hz/F its (Min. – Ma B(A)) nm) Jutdoor (No x mm h (m) te Between	Energy Class SEER Pdesign (kW) Energy Class SCOP Pdesign (kW) Energy Class SCOP Ph) x)	<ul> <li>18.000 (4.879-21.973)</li> <li>5.27 (1.43-6.44)</li> <li>19.000 (5.323-23.202)</li> <li>5.57 (1.56-6.80)</li> <li>5.2</li> <li>A+</li> <li>5.8</li> <li>4.5</li> <li>A</li> <li>3.8</li> <li>5.0</li> <li>A+</li> <li>5.3</li> <li>220-240/50/1</li> <li>1-2</li> <li>56</li> <li>63</li> <li>800x333x554</li> <li>36.0</li> <li>ROTARY</li> <li>2x (1/4"   3/8")</li> <li>3x2.5 / 1x16</li> <li>R32 / 1.300</li> <li>40</li> <li>25</li> </ul>	27.000 (5.390-29.650) 7.91 (1.58-8.69) 28.000 (5.596-30.776) 8.21 (1.64-9.02) 7.9 A++ 6.2 5.2 A+ 4.0 6.3 A++ 5.2 220-240/50/1 1-3 59 65 845x363x702 53.0 ROTARY 3 x (1/4"   3/8") 3x2.5 / 1x20 R32 / 1.570 60 30	36.000 (5.390-46.573) 10.55 (1.58-13.65) 36.000 (5.698-45.448) 10.55 (1.67-13.32) 10.5 A++ 6.1 8.4 A+ 4.0 9.3 A+++ 5.4 220-240/50/1 1-4 63 68 946x410x810 68.8 ROTARY 3 x (1/4"   3/8") + 1x (1/4"   3/8") + 1x (1/4"   1/2") 3x4.0 / 1x25 R32 / 2.100 80 35	42.000 (5.664-47.768) 12.31 (1.66-14.00) 42.000 (5.664-50.975) 12.31 (1.66-14.94) 12.3 A+ 5.8 9.4 A 3.8 10.1 A+++ 5.2 220-240/50/1 1-5 62 71 946x410x810 73.3 ROTARY 4x (1/4"   3/8") + 1x (1/4"   1/2") 3x4.0 / 1x25 R32 / 2.400 80 35
	Heating Capacity (Btu/ Heating Capacity (kWa Seasonal Efficiency (In accordance to EN14825) Cooling Input/ Heatin Indoor Number of Un Noise Level (dB(A)) Sound Power Level (dI Dimensions WxDxH (r Net Weight (kg) Compressor Type Liquid Line   Gas Line Power Supply Wire Ou Refrigerant (gr) Maximum Pipe Lengt! Max. Height Difference Indoor and Outdoor U	tt) h) tt) Cooling Heating (Middle Zone) Heating (Warm Zone) g Input (V/Hz/F its (Min. – Ma B(A)) nm) Jutdoor (No x mm h (m) te Between Jnit (m)	Energy Class SEER Pdesign (kW) Energy Class SCOP Pdesign (kW) Energy Class SCOP Ph) x) m <sup>2</sup> ) / Fuses (A) Total For one Indoor Unit	<ul> <li>18.000 (4.879-21.973)</li> <li>5.27 (1.43-6.44)</li> <li>19.000 (5.323-23.202)</li> <li>5.57 (1.56-6.80)</li> <li>5.2</li> <li>A+</li> <li>5.8</li> <li>4.5</li> <li>A.4</li> <li>3.8</li> <li>5.0</li> <li>A+</li> <li>5.3</li> <li>220-240/50/1</li> <li>1-2</li> <li>56</li> <li>63</li> <li>800x333x554</li> <li>36.0</li> <li>ROTARY</li> <li>2 x (1/4"   3/8")</li> <li>3x2.5 / 1x16</li> <li>R32 / 1.300</li> <li>40</li> <li>25</li> <li>15</li> </ul>	27.000 (5.390-29.650) 7.91 (1.58-8.69) 28.000 (5.596-30.776) 8.21 (1.64-9.02) 7.9 A++ 6.2 5.2 A+ 4.0 6.3 A+ 4.0 6.3 A++ 5.2 220-240/50/1 1-3 59 65 845x363x702 53.0 ROTARY 3 x (1/4"   3/8") 3x2.5 / 1x20 R32 / 1.570 60 30 15	36.000 (5.390-46.573) $10.55 (1.58-13.65)$ $36.000 (5.698-45.448)$ $10.55 (1.67-13.32)$ $10.5$ $A++$ $6.1$ $8.4$ $A+$ $4.0$ $9.3$ $A++$ $5.4$ $220-240/50/1$ $1-4$ $63$ $68$ $946x410x810$ $68.8$ $ROTARY$ $3 x (1/4"   3/8") +$ $1x (1/4"   1/2")$ $3x4.0 / 1x25$ $R32 / 2.100$ $80$ $35$ $15$	42.000 (5.664-47.768) 12.31 (1.66-14.00) 42.000 (5.664-50.975) 12.31 (1.66-14.94) 12.3 A+ 5.8 9.4 A 3.8 10.1 A++++ 5.2 220-240/50/1 1-5 62 71 946x410x810 73.3 ROTARY 4x (1/4"   3/8") + 1x (1/4"   1/2") 3x4.0 / 1x25 R32 / 2.400 80 35 15
	Heating Capacity (Btu/ Heating Capacity (kWa Seasonal Efficiency (In accordance to EN14825) Cooling Input/ Heatin Indoor Number of Un Noise Level (dB(A)) Sound Power Level (dI Dimensions WxDxH (r Net Weight (kg) Compressor Type Liquid Line   Gas Line Power Supply Wire Ou Refrigerant (gr) Maximum Pipe Lengti Max. Height Difference Indoor and Outdoor L Max. Height Difference	tt) h) tt) Cooling Heating (Middle Zone) Heating (Warm Zone) g Input (V/Hz/F its (Min. – Ma B(A)) nm) Jutdoor (No x mm h (m) te Between In se Between In	Energy Class SEER Pdesign (kW) Energy Class SCOP Pdesign (kW) Energy Class SCOP Ph) x) m <sup>2</sup> ) / Fuses (A) Total For one Indoor Unit	<ul> <li>18.000 (4.879-21.973)</li> <li>5.27 (1.43-6.44)</li> <li>19.000 (5.323-23.202)</li> <li>5.57 (1.56-6.80)</li> <li>5.2</li> <li>A+</li> <li>5.8</li> <li>4.5</li> <li>A.4</li> <li>3.8</li> <li>5.0</li> <li>A+</li> <li>5.3</li> <li>220-240/50/1</li> <li>1-2</li> <li>56</li> <li>63</li> <li>800x333x554</li> <li>36.0</li> <li>ROTARY</li> <li>2 x (1/4"   3/8")</li> <li>3x2.5 / 1x16</li> <li>R32 / 1.300</li> <li>40</li> <li>25</li> <li>15</li> </ul>	27.000 (5.390-29.650) 7.91 (1.58-8.69) 28.000 (5.596-30.776) 8.21 (1.64-9.02) 7.9 A++ 6.2 5.2 A+ 4.0 6.3 A+ 4.0 6.3 A++ 5.2 220-240/50/1 1-3 59 65 845x363x702 53.0 ROTARY 3 x (1/4"   3/8") 3x2.5 / 1x20 R32 / 1.570 60 30 15	36.000 (5.390-46.573) $10.55 (1.58-13.65)$ $36.000 (5.698-45.448)$ $10.55 (1.67-13.32)$ $10.5$ $A++$ $6.1$ $8.4$ $A+$ $4.0$ $9.3$ $A++$ $5.4$ $220-240/50/1$ $1-4$ $63$ $68$ $946x410x810$ $68.8$ $ROTARY$ $3 x (1/4"   3/8") +$ $1x (1/4"   1/2")$ $3x4.0 / 1x25$ $R32 / 2.100$ $80$ $35$ $15$	42.000 (5.664-47.768) 12.31 (1.66-14.00) 42.000 (5.664-50.975) 12.31 (1.66-14.94) 12.3 A+ 5.8 9.4 A 3.8 10.1 A++++ 5.2 220-240/50/1 1-5 62 71 946x410x810 73.3 ROTARY 4x (1/4"   3/8") + 1x (1/4"   1/2") 3x4.0 / 1x25 R32 / 2.400 80 35 15

\*The data of "Pdesing", "Energy Class" and "SEER/SCOP" in Cooling, Heating (Middle Zone) & Heating (Warm Zone), refer to the outdoor units combination with Cassette type indoor units.

R32 (€ 50901 50900 R0HS



Oinvento



# R32 ECO Refrigerant

The R32 ECO Refrigerant with 68% lower global warming potential, is here to significantly enhance your air conditioner performance and to drastically contribute to global warming protection. It does not adversely affect the ozone layer, contributes in reducing global warming effect by entrapping smaller amounts of heat (GWP = 675) and can be easily reused and recycled.



Double Air Outlet





Console



MODEL	LV5MLI32-12
Cooling Capacity (Btu/h)	12.000 (2.100-15.000)
Cooling Capacity (kWatt)	3.52 (0.61-4.40)
Heating Capacity (Btu/h)	13.000 (2.100-16.900)
Heating Capacity (kWatt)	3.81 (0.61-4.95)
Voltage/Frequency/Phase (V/Hz/Ph)	220-240/50/1
Cooling Current Input (A)	0.4
Heating	0.4
Cooling Power Input (W)	70
Heating	70
Air Flow Volume (m <sup>3</sup> /h) (High/Medium/Low)	512/480/370
Noise Level (dB(A)) (Low/Medium/High)	35/41.5/43
Sound Power Level (dB(A))	57
Dimensions WxDxH (mm)	700×600×210
Net Weight (kg)	15
Liquid Line   Gas Line	1/4"   3/8"



Multi & LCAC Catalogue 2018 8

R32 (€ 50901 50900 R0HS







## Quiet Operation

Due to the new fan's design of the indoor unit, you enjoy ideal conditions with the lowest noise level. Reduced noise emissions in order to achieve a pleasant and comfortable unit operation.



Wi-Fi Standard

#### Mini Split

Auto Error Diagnosis





Ionizer Filter

N Leollow Me	Sleep Mode Turbo Mode	Golden Fin	Smart Controller
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MODEL		AR2MVI-09WiFi	AR2MVI-12WiFi	AR2MVI-18WiFi	AR2MVI-24WiFi
Cooling Capacity (Btu/h)		9.000 (4.200-11.300)	12.000 (4.700-15.400)	18.000 (6.300-21.100)	24.000 (9.100-27.600)
Cooling Capacity (kWatt)	)	2.63 (1.23-3.31)	3.51 (1.37-4.51)	5.27 (1.84-6.18)	7.03 (2.66-8.08)
Heating Capacity (Btu/h	)	10.000 (3.100-12.800)	13.000 (3.700-16.800)	20.000 (4.700-23.200)	27.000 (7.500-31.700)
Heating Capacity (kWatt	)	2.93 (0.90-3.75)	3.81 (1.08-4.92)	5.86 (1.37-6.79)	7.91 (2.19-9.29)
Voltage/Frequency/Pha	ase (V/Hz/Ph)	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Current Input (A)	Cooling	0.11	0.11	0.15	0.28
Current input (A)	Heating	0.11	0.11	0.15	0.28
Power Input (W)	Cooling	24	24	34	62
Power Input (w)	Heating	24	24	34	62
Air Flow Volume (m <sup>3</sup> /h) (High/Medium/Low)	)	521/429/259	539/478/294	750/505/420	1.050/750/560
Noise Level (dB(A)) (Silent/Low/Medium/High)		20/22/29/37	21/22/30/38	23/27/33/42	26/30/40/46
Sound Power Level (dB(A))		53	52	57	60
Dimensions WxDxH (mm)		722x187x290	802x189x297	965x215x319	1.080x226x335
Net Weight (kg)		7.4	8.2	10.8	12.9
Liquid Line Gas Line		1/4"   3/8"	1/4"   3/8"	1/4"   1/2"	3/8"   5/8"



10 Multi & LCAC Catalogue 2018

R32 (E 80300) E01400 Performance









## Hotel Menu

With the Hotel Menu, cooling and heating operation can be set under certain operating limits. The air conditioner is locked preventing extreme temperatures and drastically contributes to save up to 70% of the operating costs.



## Wi-Fi Ready





Weekly Planner Controller Cassettes

Front Desk Control On/Off (Optional)

R32 (E SOUT SO NOT ROHS

External Air Duct Outlet	Error Alarm Port	Golden Fin	Smart Controller
--------------------------------	------------------------	------------	---------------------

MODEL		LV5MCI32-12WiFiR	LV5MCI32-18WiFiR	
Cooling Capacity (Btu	/h)	12.000 (2.100-15.000)	18.000 (3.070-22.500)	
Cooling Capacity (kW	att)	3.52 (0.61-4.40)	5.27 (0.90-6.60)	
Heating Capacity (Btu	ı/h)	13.000 (2.100-17.500)	19.000 (3.070-25.200)	
Heating Capacity (kW	/att)	3.81 (0.62-5.13)	5.57 (0.90-7.39)	
Voltage/Frequency/F	Phase (V/Hz/Ph)	220-240/50/1	220-240/50/1	
	Cooling	0.18	0.44	
Current Input (A)	Heating	0.18	0.44	
Device Imput (10	Cooling	40	102	
Power Input (W)	Heating	40	102	
Air Flow Volume (m <sup>3</sup> /h) (High/Medium/Low)		650/530/450	680/560/500	
Noise Level (dB(A)) (Low/Medium/High)		34/38/42	41/42/44	
Sound Power Level (	dB(A))	56	56	
Dimensions	Panel	647x647x50	647x647x50	
WxDxH (mm)	Indoor	570x570x260	570x570x260	
Net Weight	Panel	2.5	2.5	
(kg)	Indoor	14.4	16.1	
Liquid Line  Gas Line	e	1/4"   3/8"	1/4"   1/2"	









## 360° Air Outlet

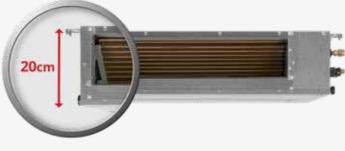
Enjoy optimum comfort, anywhere in the room. 360-degree directional wind coming out from 8 instead of 4 air outlets, can deliver air evenly throughout every corner in any space. Supplying 360-degree even airflow reduces hot and cold spots in the space, providing ultimate comfort.





**Super Slim Design** 







MODEL

Cooling Capacity (Btu/h)

Cooling Capacity (kWatt)

Heating Capacity (Btu/h) Heating Capacity (kWatt)

Current Input (A)

Power Input (W)

Static Pressure (Pa)

Noise Level (dB(A)) (Low/Medium/High)

Net Weight (kg)

Liquid Line

Gas Line

Sound Power Level (dB(A))

Dimensions WxDxH (mm)

Voltage/Frequency/Phase (V/Hz/Ph)

Air Flow Volume (m<sup>3</sup>/h) (High/Medium/L

Cooling

Heating

Cooling

Heating

Smart Controller Of Static Pressure Settings



Central Control Management (Optional)

ront Desk

Control On/Oaff

Q

Ducted

	LV5MDI32-12WiFiR
	12.000 (2.100-15.000)
	3.52 (0.61-4.40)
	13.000 (2.100-17.500)
	3.81 (0.62-5.13)
	220-240/50/1
	0.17
	0.17
	40
	40
(Low)	600/480/300
	0-60
	35/38/42
	59
	700x450x200
	18
	1/4"
	3/8"



Multi & LCAC Catalogue 2018 14

R32 (€ 10000 001000 R0HS





Wi-Fi Ready

The advanced technology of the new Inventor Multi Duct air conditioners provide the option of remote management & allows you to set your air conditioner easily from wherever you are. Install the Wi-Fi Smart Port, download for free the Invmate II application through Google Play & App Store on your Smartphone or Tablet and create ideal conditions all over your place.

#### **Combination** Table





Indoor Unit A	Indoor Unit B	Indoor Unit C	Indoor Unit D	Indoor Unit E
9k	-	-	-	-
12k	-	-	-	-
18k	-	-	-	-
24k	-	-	-	-
9k	9k	-	-	-
9k	12k	-	-	-
9k	18k	-	-	-
9k	24k		-	-
12k	12k	-	-	-
12k	18k	-	-	-
12k	24k		-	-
18k	18k	-	-	-
9k	9k	9k	-	-
9k	9k	12k	-	-
9k	9k	18k	-	-
9k	9k	24k	-	-
9k	12k	12k	-	-
9k	12k	18k	-	-
9k	12k	24k	-	-
9k	18k	18k	-	-
12k	12k	12k	-	-
12k	12k	18k	-	-
12k	12k	24k	-	-
12k	18k	18k	-	-
9k	9k	9k	9k	-
9k	9k	9k	12k	-
9k	9k	9k	18k	-
9k	9k	9k	24k	-
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9k	9k	12k	12k	12k
9k	12k	12k	12k	12k
12k	12k	12k	12k	12k

U5MRSL32(2)-18	U5MRSL32(3)-27
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Golden Fin



Electronic Expansion Valve Per Circuit



Wide Operation Range



Flexible Installation

U5MRSL32(4)-36	U5MRSL32(5)-42
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# Air Conditioning units for your Business

Your most valuable partner! Integrated solutions for all kind of business premises. Upgraded Inventor series deliver outstanding performance with the lowest consumption and wide range of cooling and heating results. Enjoy excellent conditions everywhere in your area!







					Cassettes
HM Hotel Menu	1	<b>~</b>	External Duct Out		
	Hotel Men Energy Savir Up to 70%	ng			
360° Air Outlet Anti-Cold Air Function	V5MCI32-18WiFiR/	Golden Fin Aut V5MCI32-24WiFiR/	to start Smart Controller V5MCI32-36WiFiR/	Built-in Drain Pump V5MCI32-50WiFiR/	Central Contro Management (Optional)
MODEL	U5MRS32-18	U5MRS32-24	U5MRS32-36	U5MRT32-50	U5MRT32-60
Cooling Capacity (Btu/h) Cooling Capacity (kWatt)	18.000 (4.300-21.000) 5.28 (1.26-6.15)	24.000 (7.600-28.000) 7.03 (2.23-8.21)	36.000 (9.000-41.000) 10.55 (2.64-12.02)	48.000 (16.224-49.761) 14.0 (4.76-14.58)	53.000 (18.000-57.000) 15.8 (5.28-16.71)
Heating Capacity (Btu/h)	19.000 (6.000-24.000)	26.000 (8.300-29.500)	38.000 (10.000-45.000)	55.000 (13.396-57.206)	62.000 (15.000-66.000)
Heating Capacity (kWatt)	5.57 (1.76-7.03)	7.62 (2.43-8.65)	11.14 (2.93-13.19)	16.1 (3.93-16.77)	18.2 (4.4-19.34)
Pdesign (kW) Cooling Energy Class	5.3 A++	7.0 A++	10.5 A++	14.0 A++	15.8 A++
SEER	6.1	6.1	6.1	6.1	6.1
Seasonal Efficiency (Middle Pdesign (kW)	4.7 A+	5.4 A+	8.8 A+	11.2 A+	11.9 A+
(In accordance to EN14825) (Middle Zone) SCOP	4.0	A+ 4.0	A+ 4.0	A+ 4.0	A+ 4.0
Heating Pdesign (kW)	4.9	5.9	10.5	12.2	12.5
(Warm Energy Class	A+++	A+++	A+++	A+++	A+++
Voltage/Frequency/Phase (V/Hz/Ph)	5.1 220-240/50/1	5.1 220-240/50/1	5.1 220-240/50/1	5.1 380-415/50/3	5.1 380-415/50/3
Current Input (A) Cooling/Heating	1.2-9.3/1.4-9.5	2.1-12.4/2.2-12.5	2.9-19.6/2.8-19.8	1.8-9.26/1.56-8.83	1.8-11/1.6-10.6
Power Input (W) Cooling/Heating	280-2.150/330-2.180	480-2.850/500-2.880	660-4.500/650-4.550	1.174-5.602/987-5.378	1.147-6.682/1.022-6.448
Air Flow Volume [m <sup>3</sup> /h] (High/Medium/Low)	1.036/867/763	1.378/1.200/1.032	1.775/1.620/1.438	1.715/1.568/1.381	1.970/1.737/1.537
Noise Level (dB(A)) Indoor unit (Low/Medium/High) Outdoor unit	37/41/46	40/43/47 62	46/49/52 65	49/50/52 66	48/50.5/53 66
Sound Power Level Indoor Unit/Outdo		59/66	61/68	65/72	65/74
(dB(A))					
Power Supply Wire Outdoor (No x mm <sup>2</sup> ) / Fus		3x2.5 / 1x16	3x4.0 / 1x25	5x2.5 / 3x20	5x2.5 / 3x20
Signal Wires (No x mm <sup>2</sup> ) Panel	3 x 1.5 & (2 x 1.0 Shield) 950x950x55	3 x 1.5 & (2 x 1.0 Shield) 950x950x55	3 x 1.5 & (2 x 1.0 Shield) 950x950x55	3 x 1.5 & (2 x 1.0 Shield) 950x950x55	3 × 1.5 & (2 x 1.0 Shield) 950x950x55
Dimensions Indeer Unit	840x840x205	840x840x205	950x950x55 840x840x245	950x950x55 840x840x287	950x950x55 840x840x287
	800x333x554	845x363x702	946x410x810	952x415x1.333	952x415x1.333
WxDxH(mm) Outdoor Unit		E 122 / C C B	5/27.5/66.8	5/29/106.7	5/29.7/111.3
WXDXH(mm)	Jnit 5/21.4/35.6	5/23/66.8	5121.5100.0	5/25/100.7	J/29.77111.J
Outdoor Unit	Jnit         5/21.4/35.6           1/4"   1/2"	3/8"   5/8"	3/8"   5/8"	3/8"   5/8"	3/8"   5/8"
WXDXH(mm)         Outdoor Unit           Net Weight (kg)         Panel/Indoor/Outdoor U					
WXDXH(mm)         Outdoor Unit           Net Weight (kg)         Panel/Indoor/Outdoor U           Liquid Line  Gas Line         Panel/Indoor/Outdoor U	1/4"   1/2"	3/8"   5/8"	3/8"   5/8"	3/8"   5/8"	3/8"   5/8"







Ready

The advanced technology of the new Inventor Cassettes air conditioners provide the option of remote management & allows you to set your air conditioner easily from wherever you are. Install the Wi-Fi Smart Port, download for free the Invmate II application through Google Play & App Store on your Smartphone or Tablet and create ideal conditions all over your place.









Console



MODEL			V4MLI-12/V4ML0-12	
Cooling Capacity (Btu/h)			12.000 (2.100-15.000)	
Cooling Capacity (kWatt)	:)		3.52 (0.62-4.40)	
Heating Capacity (Btu/h)	1)		13.000 (2.100-16.900)	
Heating Capacity (kWatt	t)		3.81 (0.62-4.95)	
		Pdesign (kW)	3.5	
	Cooling	Energy Class	A++	
		SEER	6.1	
Seasonal Efficiency		Pdesign (kW)	3.6	
(In accordance to	Heating (Middle Zone)	Energy Class	A+	
EN14825)	(ividule zone)	SCOP	4.0	
		Pdesign (kW)	3.5	
	Heating (Warm Zone)	Energy Class	A+++	
	(Warm Zone)	SCOP	5.1	
Voltage/Frequency/Pha	ase (V/Hz/Ph)		220-240/50/1	
Current Input (A)		Cooling/Heating	1.0-7.7/0.9-8.1	
Power Input (W) Cooling/Heating		Cooling/Heating	211-1.690/190-1.760	
Air Flow Volume [m3/h] (	(High/Medium/Low)		550/470/360	
Noise Level (dB(A))		Indoor Unit (Low/Medium/High)	35/41/47	
		Outdoor Unit	57	
Sound Power Level (dB(	(A))	Indoor Unit/Outdoor Unit	59/61	
Power Supply Wire Out	tdoor (No x mm²) /	Fuses (A)	3x2.5 / 1x16	
Signal Wires (No x mm <sup>2</sup> )			4x2.5	
		Indoor Unit	700x210x600	
Dimensions WxDxH(mm	n)	Outdoor Unit	800x333x554	
Net Weight (kg) Indoor/Outdoor Unit		Indoor/Outdoor Unit	15.0 / 34.5	
Compressor Type			ROTARY	
Liquid Line   Gas Line			1/4"   3/8"	
Refrigerant			R410A / 1.380	
Operation Temperature Range (°C) Cooling / Heating			-15~50 / -15~24	

Auto Restart



R410A (6 0000 0000 R0HS





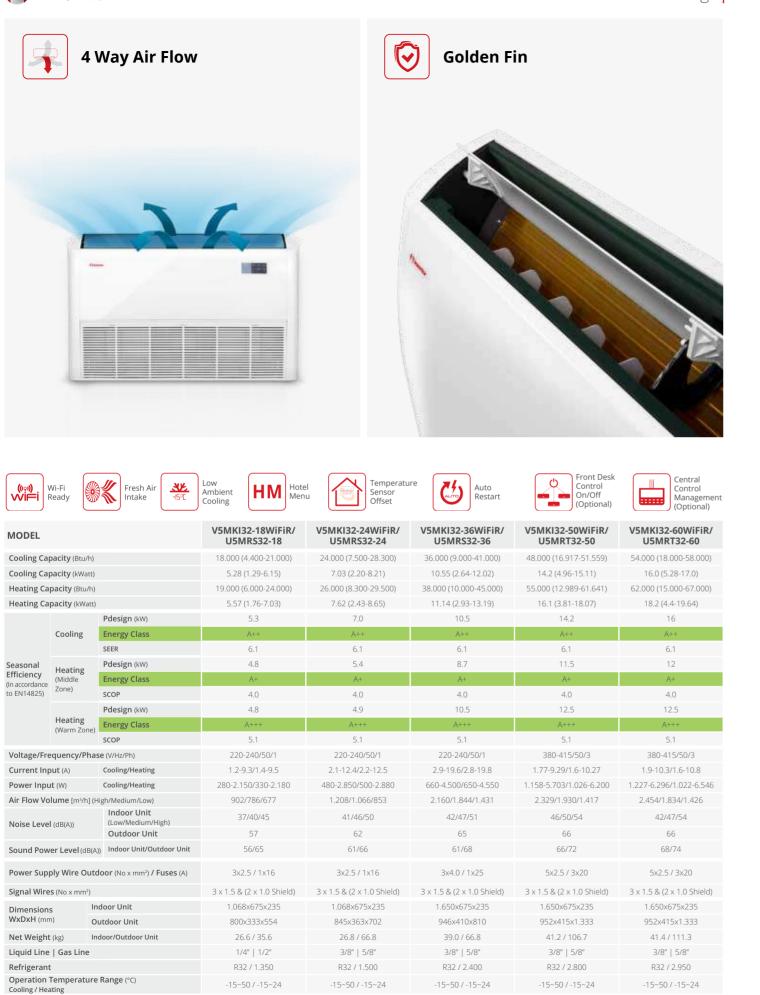


## Hotel Menu

With the Hotel Menu, cooling and heating operation can be set under certain operating limits. The air conditioner is locked preventing extreme temperatures and drastically contributes to save up to 70% of the operating costs.

Floor Ceiling

R32 (C 0900 0000 R0HS







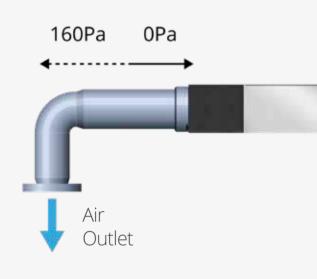


The R32 ECO Refrigerant with 68% lower global warming potential, is here to significantly enhance your air conditioner performance and to drastically contribute to global warming protection. It does not adversely affect the ozone layer, contributes in reducing global warming effect by entrapping smaller amounts of heat (GWP = 675) and can be easily reused and recycled.

	inventor
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#### Weekly Planner Controller





Ducted

((vyi)) Wi-Fi Ready	Super Slim Design	Built-in Drain Pump	Two Air Inlet Styles	Monu	Smart Controller	Fresh Air Intake	Front Desk Control On/Off (Optional)

MODEL			V4MDI-12B/ U4MRS-12B	V5MDI32-18WiFiR/ U5MRS32-18	V5MDI32-24WiFiR/ U5MRS32-24	V5MDI32-36WiFiR/ U5MRS32-36	V5MDI32-50WiFiR/ U5MRT32-50	V5MDI32-60WiFiR/ U5MRT32-60
Cooling Capacity (Btu/h)		12.000 (1.800-12.800)	18.000 (4.200-21.000)	24.000 (7.500-28.300)	36.000 (9.000-41.000)	48.000 (14.545-51.845)	52.000 (20.000-59.000)	
Cooling Capacity (kWatt)		3.52 (0.53-3.75)	5.28 (1.23-6.15)	7.03 (2.20-8.21)	10.55 (2.64-12.01)	14.0 (4.26-15.20)	15.4 (5.86-17.29)	
Heating Ca	pacity (Btu/h)		13.000 (3.400-13.600)	19.000 (6.000-24.000)	26.000 (8.300-29.500)	38.000 (10.000-45.000)	55.000 (12.621-61.500)	62.000 (16.000-70.000)
Heating Ca	pacity (kWatt)		3.81 (1.00-3.99)	5.57 (1.76-7.03)	7.62 (2.43-8.65)	11.14 (2.93-13.19)	16.1 (3.7-18.03)	18.2 (4.69-20.52)
		Pdesign (kW)	3.5	5.3	7.0	10.5	14	15.4
	Cooling	Energy Class	A+	A++	A++	A++	A++	A++
		SEER	5.6	6.1	6.1	6.1	6.1	6.1
Seasonal	Heating	Pdesign (kW)	2.6	4.6	5.1	8.4	12	12.5
Efficiency (In accordance	(Middle	Energy Class	A+	A+	A+	A+	A+	A+
to EN14825)	Zone)	SCOP	4.0	4.0	4.0	4.0	4.0	4.0
	Heating	Pdesign (kW)	3.4	5.1	6.1	10.5	12.5	13.1
	(Warm	Energy Class	A++	A+++	A+++	A+++	A+++	A+++
	Zone)	SCOP	4.9	5.1	5.1	5.1	5.1	5.1
Voltage/Frequency/Phase (V/Hz/Ph)		220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	380-415/50/3	380-415/50/3	
Current Input (A) Cooling/Heating		1.3-10/1.48-10	1.2-9.3/1.4-9.5	2.1-12.4/2.2-12.5	2.9-19.6/2.8-19.8	1.8-9.4/1.65-10.22	2-11/1.6-9.9	
Power Input (W) Cooling/Heating		155-2.300/302-2.300	280-2.150/330-2.180	480-2.850/500-2.880	660-4.500/650-4.550	1.170-5.699/1.048-6.124	1.274-6.651/1.042-6.034	
Air Flow Volume [m <sup>3</sup> /h] (High/Medium/Low)		600/480/300	1.006/853/684	1.248/1.054/839	1.400/1.150/750	2.400/2.040/1.680	2.600/2.210/1.820	
Outdoor Static Pressure (Pa)		0-60	0-100	0-160	0-160	0-160	0-160	
Noise Level (dB(A))		Indoor Unit (Low/Medium/High)	27.5/34.5/40	40/42/44	40/42/44	40/43/47	48/49.5/50.5	50.5/52/54
		Outdoor Unit	56	57	62	65	66	66
Sound Pow	ver Level (dB(A)	) Indoor Unit/Outdoor Unit	59/62	60/65	62/66	62/68	68/72	71/74
Power Supp	ply Wire Outd	oor (No x mm²) / Fuses (A)	3x2.5 / 1x16	3x2.5 / 1x16	3x2.5 / 1x16	3x4.0 / 1x25	5x2.5 / 3x20	5x2.5 / 3x20
Signal Wires (No x mm <sup>2</sup> )		4x2.5	3x1.5 & (2x1.0 Shield)	3x1.5 & (2x1.0 Shield)	3x1.5 & (2x1.0 Shield)	3x1.5 & (2x1.0 Shield)	3x1.5 & (2x1.0 Shield)	
Dimension	s Ind	oor Unit	700x450x200	880x674x210	1.100x774x249	1.360x774x249	1.200x874x300	1.200x874x300
		tdoor Unit	800x333x554	800x333x554	845x363x702	946x410x810	952x415x1.333	952x415x1.333
Net Weight	et Weight (kg) Indoor/Outdoor Unit		18 / 28.5	25.6 / 35.6	31.5 / 66.8	40.5 / 66.8	47.6 / 106.7	47.6 / 111.3
Liquid Line   Gas Line		1/4"   3/8"	1/4"   1/2"	3/8"   5/8"	3/8"   5/8"	3/8"   5/8"	3/8" 5/8"	
Refrigerant	t		R410A / 1.050	R32 / 1.350	R32 / 1.500	R32 / 2.400	R32 / 2.800	R32 / 2.950
Operation Temperature Range (°C) Cooling /Heating		-15~50 / -15~24	-15~50/-15~24	-15~50 / -15~24	-15~50/-15~24	-15~50 / -15~24	-15~50 / -15~24	











## Golden Fin

The ultimate protection of the air conditioner, especially at areas with high humidity levels and increased corrosive possibility, such as islands and coastal areas, can now be achieved. The golden, anticorrosive coating of the outdoor unit's refrigerant, protects against salty air, rain and other corrosive elements, ensuring the effective performance of the air conditioner and the extension of its lifeline. The golden coating of the indoor unit refrigerant, thanks to its antibacterial action, allows you to enjoy a perfectly clean and healthy atmosphere! Floor Standing





Front Desk Control On/Off (Optional)







MODEL			V4MFI-66B/V4MF0-66B		
Cooling Capacity (Btu/h)			55.000		
Cooling Capacity (kWatt)			15.53		
Heating Capacity (Btu	u/h)		58.000		
Heating Capacity (kW	/att)		17.58		
		Pdesign (kW)	15.8		
	Cooling	Energy Class	A+		
		SEER	6.1		
Seasonal Efficiency		Pdesign (kW)	12.1		
(In accordance to	Heating (Middle Zone)	Energy Class	A+		
EN14825)		SCOP	4.0		
	Heating	Pdesign (kW)	12.6		
	(Warm Zone)	Energy Class	A+++		
		SCOP	5.1		
Voltage/Frequency/F	Phase (V/Hz/Ph)		380/50/3		
Current Input (A)		Cooling/Heating	10.2 / 8.10		
Power Input (W)		Cooling/Heating	5.970 / 4.709		
Air Flow Volume [m <sup>3</sup> /h]		Indoor Unit (High/Medium/Low)	2.285/1.927/1.479		
		Outdoor Unit	7.600		
Noise Level (dB(A))		Indoor Unit (Low/Medium/High)	49/54/57.5		
		Outdoor Unit	63.5		
Sound Power Level (	dB(A))	Indoor Unit/Outdoor Unit	66/73		
Power Supply Wire C	Dutdoor (No x mm	<sup>2</sup> ) / Fuses (A)	5x2.5 / 3x16		
Signal Wires (No x mm	1 <sup>2</sup> )		5x2.5 & (2x0.5 Shield)		
Dimensions WxDxH(mm)		Indoor Unit	610x390x1.925		
		Outdoor Unit	952x415x1.333		
Kαθαρό Βάρος (kg) Indoor Unit/Outdoor Unit		Indoor Unit/Outdoor Unit	60.8 / 112.8		
Liquid Line   Gas Line			3/8"   5/8"		
Refrigerant			R410A / 4.300g		
Operation Temperature Range (°C) Cooling / Heating			-15-50/-15-24		



R410A (( 50 000) (50 000) R0HS







## Anti-Cold Air Function

Indoor fan speed is regulated automatically from the lowest grade to the setting grade according to the evaporator temperature when the unit starts heating operation.

## **Icons Guide**

#### A - Z



#### **Active Carbon Filter**

Enjoy fresh and healthy air, free of dust, thanks to the unique composition of the Active Carbon Filter. Get rid of germs and protect yourself from allergies and illnesses, ensuring a high-quality atmosphere in your space.



#### **All DC Inverter**

The fan motors of the indoor and outdoor units as well as the compressor have been upgraded to All DC Inverter technology. In this way, the compressor can change the capacity depending on the needs of the indoor atmosphere and create perfect conditions in your space.



#### **Anti-Cold Air Function**

Indoor fan speed is regulated automatically from the lowest grade to the setting grade according to the evaporator temperature when the unit starts heating operation.



#### **Auto Error Diagnosis**

Once abnormal operation or parts failure happens, the unit will shut off automatically to protect the system. Meanwhile it will indicate protection or error code for fast service.



#### **Auto Restart**

If the air conditioner breaks off unexpectedly due to the power cut, it will restart with the previous setting mode automatically when the power resume.



#### **Built-in Drain Pump**

The drain pump can lift the condensing water up to 750mm, serving every kind of installation Refers to chest installations.



#### **Central Control** Management (Optional)

The centralized multi-functional device can control up to 64 indoor units within a maximum connection length of 1200m. Control your air conditioner, set the temperature you want and select the mode you desire. Ideal for hotel & business units.



#### **Double Air Outlet**

Air outlets on top and bottom to enjoy fast heating, while ensuring running cost are kept low.



#### **Electronic Expansion** Valve

Due to the independent electronic valve. Inventor air conditioners guarantee outstanding performance and excellent control of your systems. Create and enjoy the desired atmosphere in you place!



#### **Energy Class**

The innovative technology of Inventor air conditioners, ensures excellent performance at the lowest cost. Take advantage of the highest energy class A+++ and achieve great energy and money savings! Create and enjoy the most ideal atmosphere in your place.



Take the whole control of you unit! Thanks to the error code that will appear if an error occurs, you can always be safe and sure for the appropriate and most efficient operation of your air conditioner.



#### **Excellent Heating** Performance Under -15°C

Excellent heating performance even at the most demaning regions with low temperature levels. Ensure the prefered temperature conditions, even at -15°C and enjoy ideal conditions in your place.



With the special design of the indoor unit, an extra duct can supply air to an other room. Suitable for air conditioning extra small rooms.



Create the conditions you want through the fan's On / Off special setting and select whether the fan will continue to operate even when the desired room temperature is reached



#### **Flexible Installation**

The upgraded series of Inventor outdoor Multi units, ensure great flexibility to install up to 5 indoor units of every kind. Maximum total pipe length up to 75m.



A smart sensor is located on the remote control. When the Follow Me function is activated the set temperature synchronizes with the smart sensor. Your set temperature will follow you wherever you and the remote go, offering extra comfort and energy



savings.

#### **Fresh Air Intake**

Provided to handle the fresh air load for a clean and healthy environment.



**On/Off (Optional)** 

With a smart control board, air conditioners can be turned on/off via long distance control signals.



The ultimate protection of the air

conditioner, especially at areas with high humidity levels and increased corrosive possibility, such as islands and coastal areas, can now be achieved. The golden, anticorrosive coating of the outdoor unit's refrigerant, protects against salty air, rain and other corrosive elements, ensuring the effective performance of the air conditioner and the extension of its lifeline. The golden coating of the indoor unit refrigerant, thanks to its antibacterial action, allows you to enjoy a perfectly clean and healthy atmosphere

HM	
Hotel	Menu

Inventor air conditioners present the innovative air-conditioning unit management "HOTEL MENU". The HOTEL MENU is a set of features specifically designed to help better and more economical operation of air conditioners installed in hotel units.



#### **Ionizer Filter**

The ions released in the air, give you a fresh and clean atmosphere, by capturing dust and smoke, offering wellness and high quality room conditions



#### Low Ambient Cooling

The outdoor unit's special design cooling operation even at -15°C.



#### **Quiet Operation**



#### **R32 ECO Refrigerant**

The R32 ECO Refrigerant with 68% lower global warming potential, is here to significantly enhance your air conditioner performance and to drastically contribute to global warming protection. It does not adversely affect the ozone layer, contributes in reducing global warming effect by entrapping smaller amounts of heat (GWP = 675) and can be easily reused and recycled

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#### Robust Outdoor Design

The redesigned outdoor units are sturdier and easier for maintenance. The upside-down electrical box keeps the electrical parts dust free (up to 70% dust reduction) and the heating performance is increased even in lower outdoor temperature.



### Sleep Mode

Smart Controller

The smart controller is included in all

Multi & Lcac Units and provides the

opportunity not only to set your air

conditioner but also to be informed

about any possible malfunction.

With the Sleep Mode, the air conditioner adjusts the room temperature for perfect sleeping conditions and great energy savings.



produces an efficient and effective



This feature refers to the reduced noise emissions in order to achieve a pleasant and comfortable unit operation. The special design of the indoor unit offers excellent performance at the lowest noise level. so that to enjoy ideal conditions of absolute silence



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directly and efficiently.

#### **Static Pressure Settings**

With the advanced technology of the new air Duct units, you can set the available static pressure depending on your plant's duct network, from OPa to 160Pa



#### Super Slim Design

Smaller indoor unit's height compared to the conventional indoor units



#### Temperature Sensor Offset

The perceived temperature by the indoor unit sensor may vary from the real temperature of the room. due to the position of the unit. Thanks to this function you can minimize the difference and achieve better conditions in your place.



#### Turbo Mode

This function gives you a boost in cooling and heating power for a period and makes the room cool down or heat up rapidly.





#### **Two Air Inlet Styles**

Choose between the bottom or the rear side for the air intake. It can fit all needs of the installations. Flexible air intake from the back or the bottom part of the unit.



#### Weekly Planner **Controller** (Optional)

Take advantage of the Weekly Planner and adjust according to your needs, the air conditioner's

operating period, ensuring maximum energy and money savings. The new advanced wired controller, shows up the error codes and additionally enables you to activate the room temperature sensor via the wired controller instead of the air conditioner.



#### Wide Angle Air Flow

The special design provides a wide and very comfortable airflow, for greater air circulation.



#### Wide Operation Range

With up to 25 stages (F1-F25) compressor frequency. The frequency range is increased as much as 70%, allowing the system to run smoothly. Offers accurate results for a comfortable enviroment with the greatest energy savings.



#### Wide Range of Combinations

The wide range of combinations that the new Multi outdoor units offer, enable you to connect many different types of indoor units and create the ideal conditions even in the most demanding installations. The new Mult outdoor air conditioning series, provide advanced technology and ensure great atmosphere all over your place.



#### Wi-Fi Ready

The innovative technology of the new Inventor Multi & LCAC air conditioning systems, offer the opportunity of remote management via Wi-Fi so that to control you air conditioner from wherever you are. Control your climate easily from wherever, with your Smartphone or Tablet. Download the app, Invmate II, for free via Google Play & App Store and set vour temperature conditions.



#### Wi-Fi Standard

Control your climate easily from wherever you are, with your Smartphone or Tablet. Free download the Invmate II or the Ewpe application via Google Play & App Store, depending on the series you have and achieve optimal temperature conditions with great energy savings.



#### 360° Air Outlet

Enjoy optimum comfort, anywhere in the room. 360 degree directional wind coming out from 8 instead of 4 air outlets, can deliver air evenly throughout every corner in any space



#### 24-hour Timer

Set the unit to start and stop automatically in a 24h period.



#### 4 Way Air Flow

The renewed design creates uniform air distribution in all dimensions. The vent swings not only move horizontally but vertically as well dispersing the air smoothly even in the most difficult spots.

# The **NAME** in air conditioning has...





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