

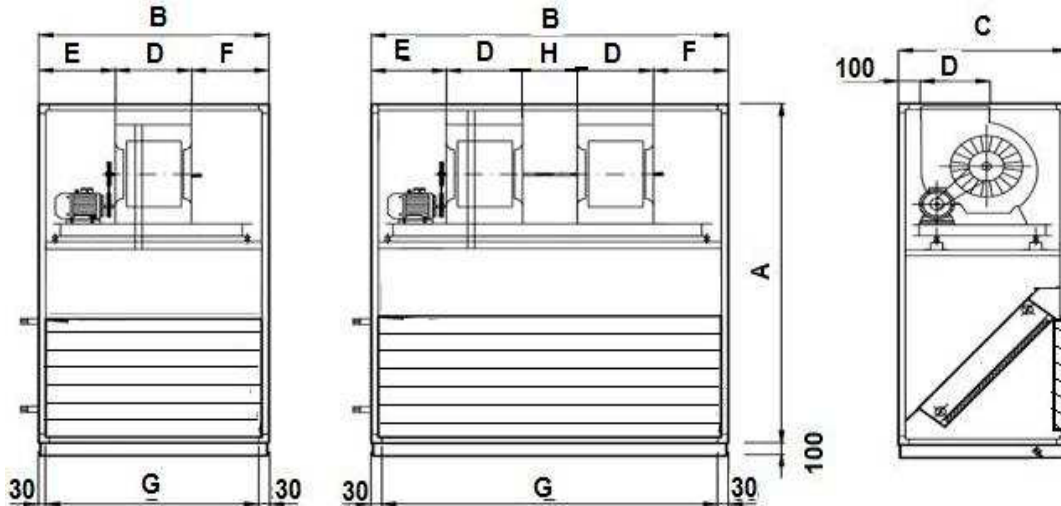
**Serie "TM-H/V" - Dati nominali / Nominal data V380/3/50 Hz**

<b>Grandezza</b>		<b>Size</b>	<b>TM</b>	<b>025</b>	<b>040</b>	<b>060</b>	<b>080</b>	<b>105</b>	<b>130</b>	<b>160</b>	<b>200</b>
Portata d'aria nominale	Nominal air flow	m <sup>3</sup> /h	<b>2500</b>	<b>4000</b>	<b>6000</b>	<b>8000</b>	<b>10500</b>	<b>13000</b>	<b>16000</b>	<b>20000</b>	
Velocità aria sul filtro	Air velocity on filter	m/sec	<b>2,67</b>	<b>2,78</b>	<b>2,78</b>	<b>2,73</b>	<b>2,78</b>	<b>2,66</b>	<b>2,67</b>	<b>2,71</b>	
ESP disponibile con batteria	ESP available with coils	Pa	<b>4R : 290 Pa – 5R : 260 Pa – 6R : 230 Pa</b>								
<b>Resa freddo / Cooling capacity : aria/air 27°C 50% acqua/water 7/12°C</b>											
Resa frigorifera totale	Total cooling capacity	4R	kW	<b>17,27</b>	<b>28,50</b>	<b>42,75</b>	<b>57,38</b>	<b>74,94</b>	<b>93,67</b>	<b>115,95</b>	<b>143,93</b>
		5R	kW	<b>19,91</b>	<b>31,75</b>	<b>46,78</b>	<b>63,01</b>	<b>83,99</b>	<b>105,24</b>	<b>129,95</b>	<b>161,85</b>
		6R	kW	<b>21,49</b>	<b>34,12</b>	<b>51,53</b>	<b>69,24</b>	<b>89,83</b>	<b>113,51</b>	<b>139,35</b>	<b>174,50</b>
Resa sensibile	Sensible capacity	4R	kW	<b>11,57</b>	<b>18,81</b>	<b>28,22</b>	<b>37,82</b>	<b>49,43</b>	<b>61,74</b>	<b>76,22</b>	<b>94,78</b>
		5R	kW	<b>12,97</b>	<b>20,67</b>	<b>30,66</b>	<b>41,16</b>	<b>54,44</b>	<b>68,16</b>	<b>84,05</b>	<b>104,85</b>
		6R	kW	<b>13,81</b>	<b>21,97</b>	<b>33,10</b>	<b>44,38</b>	<b>57,78</b>	<b>72,61</b>	<b>89,19</b>	<b>111,59</b>
Portata d'acqua	Water flow rate	4R	l/h	<b>2971</b>	<b>4902</b>	<b>7353</b>	<b>9868</b>	<b>12889</b>	<b>16111</b>	<b>19940</b>	<b>24753</b>
		5R	l/h	<b>3424</b>	<b>5462</b>	<b>8048</b>	<b>10839</b>	<b>14446</b>	<b>18100</b>	<b>22351</b>	<b>27821</b>
		6R	l/h	<b>3696</b>	<b>5869</b>	<b>8863</b>	<b>11909</b>	<b>15450</b>	<b>19525</b>	<b>23968</b>	<b>30015</b>
Perdita carico lato acqua	Water pressure drop	4R	kPa	<b>28</b>	<b>53</b>	<b>50</b>	<b>49</b>	<b>48</b>	<b>43</b>	<b>48</b>	<b>46</b>
		5R	kPa	<b>45</b>	<b>48</b>	<b>33</b>	<b>35</b>	<b>49</b>	<b>48</b>	<b>53</b>	<b>47</b>
		6R	kPa	<b>44</b>	<b>43</b>	<b>47</b>	<b>49</b>	<b>40</b>	<b>50</b>	<b>48</b>	<b>53</b>
<b>Resa freddo / Cooling capacity : aria/air 32°C 50% acqua/water 7/12°C</b>											
Resa frigorifera totale	Total cooling capacity	4R	kW	<b>27,03</b>	<b>43,52</b>	<b>65,77</b>	<b>87,55</b>	<b>115,59</b>	<b>144,57</b>	<b>178,51</b>	<b>223,40</b>
		5R	kW	<b>30,55</b>	<b>48,31</b>	<b>72,46</b>	<b>97,85</b>	<b>128,99</b>	<b>161,36</b>	<b>198,64</b>	<b>247,47</b>
		6R	kW	<b>32,37</b>	<b>51,66</b>	<b>77,81</b>	<b>104,33</b>	<b>136,64</b>	<b>171,66</b>	<b>211,10</b>	<b>263,16</b>
Resa sensibile	Sensible capacity	4R	kW	<b>14,62</b>	<b>23,45</b>	<b>35,36</b>	<b>47,14</b>	<b>62,08</b>	<b>77,62</b>	<b>95,72</b>	<b>119,66</b>
		5R	kW	<b>16,36</b>	<b>25,92</b>	<b>38,87</b>	<b>52,36</b>	<b>69,00</b>	<b>86,24</b>	<b>106,14</b>	<b>132,27</b>
		6R	kW	<b>17,31</b>	<b>27,62</b>	<b>41,57</b>	<b>55,69</b>	<b>72,94</b>	<b>91,51</b>	<b>112,54</b>	<b>140,34</b>
Portata d'acqua	Water flow rate	4R	l/h	<b>4648</b>	<b>7484</b>	<b>11312</b>	<b>15057</b>	<b>19880</b>	<b>24865</b>	<b>30702</b>	<b>38422</b>
		5R	l/h	<b>5253</b>	<b>8308</b>	<b>12462</b>	<b>16830</b>	<b>22187</b>	<b>27755</b>	<b>34166</b>	<b>42566</b>
		6R	l/h	<b>5569</b>	<b>8888</b>	<b>13386</b>	<b>17948</b>	<b>23506</b>	<b>29529</b>	<b>36313</b>	<b>45270</b>
Perdita carico lato acqua	Water pressure drop	4R	kPa	<b>33</b>	<b>44</b>	<b>48</b>	<b>40</b>	<b>49</b>	<b>45</b>	<b>50</b>	<b>55</b>
		5R	kPa	<b>51</b>	<b>45</b>	<b>43</b>	<b>51</b>	<b>54</b>	<b>54</b>	<b>55</b>	<b>54</b>
		6R	kPa	<b>41</b>	<b>44</b>	<b>47</b>	<b>48</b>	<b>48</b>	<b>52</b>	<b>52</b>	<b>51</b>
<b>Resa caldo / Heating capacity : aria/air 20°C acqua/water 70/60°C</b>											
Riscaldamento	Heating capacity	1R	kW	<b>13,44</b>	<b>20,78</b>	<b>31,45</b>	<b>42,18</b>	<b>54,53</b>	<b>69,50</b>	<b>85,10</b>	<b>105,75</b>
		2R	kW	<b>23,13</b>	<b>36,54</b>	<b>54,80</b>	<b>73,22</b>	<b>95,82</b>	<b>121,52</b>	<b>149,20</b>	<b>185,18</b>
		4R	kW	<b>33,79</b>	<b>54,14</b>	<b>81,20</b>	<b>108,65</b>	<b>142,16</b>	<b>177,42</b>	<b>218,40</b>	<b>272,10</b>
		5R	kW	<b>36,82</b>	<b>58,66</b>	<b>87,69</b>	<b>117,32</b>	<b>154,22</b>	<b>192,20</b>	<b>236,56</b>	<b>295,96</b>
		6R	kW	<b>38,65</b>	<b>61,60</b>	<b>92,52</b>	<b>123,65</b>	<b>161,79</b>	<b>201,65</b>	<b>247,96</b>	<b>309,76</b>
		Portata d'acqua	Water flow rate	1R	l/h	<b>1177</b>	<b>1813</b>	<b>2754</b>	<b>3694</b>	<b>4776</b>	<b>6087</b>
2R	l/h			<b>2026</b>	<b>3200</b>	<b>4800</b>	<b>6413</b>	<b>8392</b>	<b>10644</b>	<b>13067</b>	<b>16219</b>
4R	l/h			<b>2960</b>	<b>4741</b>	<b>7112</b>	<b>9516</b>	<b>12450</b>	<b>15539</b>	<b>19128</b>	<b>23831</b>
5R	l/h			<b>3225</b>	<b>5138</b>	<b>7680</b>	<b>10276</b>	<b>13507</b>	<b>16833</b>	<b>20719</b>	<b>25921</b>
6R	l/h			<b>3385</b>	<b>5395</b>	<b>8103</b>	<b>10830</b>	<b>14170</b>	<b>17662</b>	<b>21718</b>	<b>27130</b>
Perdita carico lato acqua	Water pressure drop			1R	kPa	<b>46,2</b>	<b>21,2</b>	<b>33,8</b>	<b>28,9</b>	<b>21,5</b>	<b>25,2</b>
		2R	kPa	<b>35,5</b>	<b>37,5</b>	<b>35,5</b>	<b>27,7</b>	<b>31,7</b>	<b>44,0</b>	<b>43,7</b>	<b>39,9</b>
		4R	kPa	<b>20,5</b>	<b>36,6</b>	<b>34,6</b>	<b>33,8</b>	<b>33,2</b>	<b>29,7</b>	<b>32,9</b>	<b>31,8</b>
		5R	kPa	<b>29,8</b>	<b>31,9</b>	<b>22,5</b>	<b>23,5</b>	<b>32,3</b>	<b>31,4</b>	<b>34,2</b>	<b>31,0</b>
		6R	kPa	<b>28,1</b>	<b>27,3</b>	<b>29,6</b>	<b>30,9</b>	<b>25,6</b>	<b>31,2</b>	<b>30,0</b>	<b>33,1</b>
		<b>Motore / Motor : 1 velocità/speed Class 'F' (155°C) – V380-400/3/50Hz – 4P - IP55</b>									
Potenza nominale motore	Motor nominal power	kW	<b>1,1</b>	<b>1,5</b>	<b>2,2</b>	<b>3,0</b>	<b>4,0</b>	<b>5,5</b>	<b>5,5</b>	<b>7,5</b>	
Assorbimento V380/3	Absorbed motor current	Amp	<b>2,86</b>	<b>3,60</b>	<b>5,00</b>	<b>6,80</b>	<b>8,40</b>	<b>11,4</b>	<b>11,4</b>	<b>14,5</b>	
Fattore di potenza	Power factor	cosφ	<b>0,78</b>	<b>0,79</b>	<b>0,82</b>	<b>0,81</b>	<b>0,82</b>	<b>0,84</b>	<b>0,84</b>	<b>0,89</b>	
Giri nominali	Nominal RPM	RPM	<b>2365</b>	<b>1567</b>	<b>1385</b>	<b>1647</b>	<b>1439</b>	<b>1242</b>	<b>1130</b>	<b>1002</b>	
<b>Batteria / Coil : Cu/Al - max temp. 120°C – tubi/tubes DN 3/8" – max pressione di lavoro/working pressure 24 Bar</b>											
Altezza pacco	Height of coil	mm	<b>400</b>	<b>500</b>	<b>600</b>	<b>650</b>	<b>750</b>	<b>850</b>	<b>950</b>	<b>1050</b>	
Lunghezza pacco	Length of coil	mm	<b>650</b>	<b>800</b>	<b>1000</b>	<b>1250</b>	<b>1400</b>	<b>1600</b>	<b>1750</b>	<b>1950</b>	
Sup. frontale batteria	Coil face area	m <sup>2</sup>	<b>0,260</b>	<b>0,400</b>	<b>0,600</b>	<b>0,812</b>	<b>1,050</b>	<b>1,360</b>	<b>1,662</b>	<b>2,047</b>	
Attacchi batteria (DN GAS Maschio)	Water connections (DN GAS Male)	1R	inch	<b>¾"</b>	<b>¾"</b>	<b>1"</b>	<b>1"</b>	<b>1 ¼"</b>	<b>1 ¼"</b>	<b>1 ½"</b>	<b>1 ½"</b>
		2R	inch	<b>¾"</b>	<b>1"</b>	<b>1"</b>	<b>1 ¼"</b>	<b>1 ¼"</b>	<b>1 ½"</b>	<b>1 ½"</b>	<b>2"</b>
		4R	inch	<b>1"</b>	<b>1 ¼"</b>	<b>1 ½"</b>	<b>1 ½"</b>	<b>2"</b>	<b>2"</b>	<b>2 ½"</b>	<b>2 ½"</b>
		5R	inch	<b>1"</b>	<b>1 ¼"</b>	<b>1 ½"</b>	<b>1 ½"</b>	<b>2"</b>	<b>2"</b>	<b>2 ½"</b>	<b>2 ½"</b>
		6R	inch	<b>1"</b>	<b>1 ¼"</b>	<b>1 ½"</b>	<b>1 ½"</b>	<b>2"</b>	<b>2"</b>	<b>2 ½"</b>	<b>2 ½"</b>

Il costruttore si riserva il diritto di modificare le caratteristiche tecniche-costruttive in ogni momento senza preavviso  
 Due to Manufacturer continuous product improvement, it is reserved the right to alter any detail of the products at any time without prior notice being given

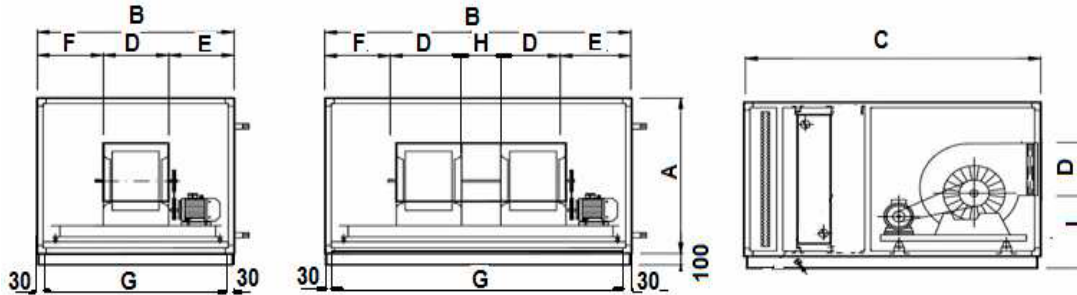
## Dimensioni/Dimensions (mm)

### Verticali/Vertical serie "TM-V"



TM-V	A	B	C	D	E	F	G	H
025	1.250	900	600	260	440	200	840	---
040	1.400	1.050	700	325	475	250	990	---
060	1.500	1.300	850	405	595	300	1.240	---
080	1.450	1.550	1.050	325	325	325	1.490	250
105	1.550	1.700	1.100	365	345	345	1.640	280
130	1.700	1.900	1.250	405	387,5	387,5	1.840	315
160	1.800	2.050	1.300	455	392,5	392,5	1.990	355
200	2.000	2.250	1.400	510	415	415	2.190	400

### Orizzontali/Horizontal serie "TM-H"



TM-H	A	B	C	D	E	F	G	H	I
025	600	900	1.150	260	440	200	840	---	245
040	700	1.050	1.350	325	475	250	990	---	270
060	850	1.300	1.650	405	595	300	1.240	---	310
080	900	1.550	1.850	325	325	325	1.490	250	270
105	950	1.700	1.950	365	345	345	1.640	280	290
130	1.050	1.900	2.050	405	387,5	387,5	1.840	315	350
160	1.150	2.050	2.150	455	392,5	392,5	1.990	355	375
200	1.250	2.250	2.250	510	415	415	2.190	400	400