



### Product Fiche

<b>Manufacturer / Address:</b>		<b>Ferroli S.p.A</b> Via Ritonda 78/A 37047 San Bonifacio (VR) Italy	
<b>Model:</b>		<b>AQUA 1 PLUS 160 HT</b>	
<b>Product Description :</b>	<ul style="list-style-type: none"> <li>-Air to water heat pump with integrated tank for hot water for sanitary use</li> <li>-Floor installation</li> <li>-Possibility of ducting the outlet of exhaust air</li> <li>-Possibility of such and discharge the air both vertically and horizontally</li> <li>-Electrical booster heaters</li> <li>-Enameled steel water tank with polyurethane insulation 50mm</li> <li>-Corrosion protection by magnesium anode</li> <li>-Anti-legionella cycle expected</li> <li>-Activation by photovoltaic energy signal</li> </ul>		
<b>Applicable standard:</b>	<p><b>LVD</b> EN 60335-1:2002 + A11:2004 + A1:2004 + A12:2006 + A2:2006 + A13:2008 + A14:2010 + A15:2011 EN 60335-2-21:2003 + A1:2005 + A2:2008 EN 60335-2-40:2003 + A11:2004 + A12:2005 + A1:2006 + A2:2009 + A13:2012 EN 62233:2008</p> <p><b>EMC</b> EN 61000-3-2:2006 + A1:2009 + A2:2009 EN 61000-3-3:2008 EN 55014-1:2006 + A1:2009 + A2:2011 EN 55014-2:1997 + A1:2001 + A2:2008 + EC:1997 + IS:2007</p> <p><b>Performance</b> EN 16147:2011</p>		
<b>Data:</b>	Tapping load profile		<b>L</b>
	Water heating energy efficiency class under average climate conditions		<b>A</b>
	Water heating energy efficiency in % under average climate conditions	%	<b>109</b>
	Annual electricity consumption in kWh under average climate conditions	kWh	<b>937</b>
	Thermostat temperature settings of the water heater	°C	<b>55</b>
	Sound power level Lwa indoors in dB	dB	<b>59</b>
	The water heater is able to work only during off-peak hours		<b>NO</b>
	Water heating energy efficiency in % under colder climate conditions	%	<b>100</b>
	Water heating energy efficiency in % under warmer climate conditions	%	<b>109</b>
	Annual electricity consumption in kWh under colder climate conditions	kWh	<b>937</b>
	Annual electricity consumption in kWh under warmer climate conditions	kWh	<b>937</b>
	Sound power level Lwa outdoors in dB	dB	<b>57</b>
<b>Refrigerant:</b>	<b>R134a</b>		
<b>Note:</b>	Any specific precautions that shall be taken when the water heater is assembled, installed or maintained is described in the Installation and Operation Manuals provided with the units		