

Quality level description

Decision aid for quality level determination

Quality level	Recommended for	Summary of the most important material differences
1	Non-corrosive medium to be pumped	<ul style="list-style-type: none"> - Housing inside sendzimir galvanized - Housing outside sendzimir galvanized and approx. 50-70 µm powder coated - Frame profiles aluminium - Built-in constructions sendzimir galvanized or powder-coated - Screw and connecting material promat galvanized
2	Slightly corrosive medium to be pumped	<ul style="list-style-type: none"> - Housing inside sendzimir galvanized and approx. 50-70 µm powder coated - Housing outside sendzimir galvanized and approx. 50-70 µm powder coated - Frame profiles aluminium - Built-in constructions approx. 50-70 µm powder-coated - Screw and connecting material promat galvanized
3	Corrosive medium to be pumped	<ul style="list-style-type: none"> - Housing inside sendzimir galvanized and approx. 80-100 µm powder coated - Housing outside sendzimir galvanized and approx. 50-70 µm powder coated - Bottom plates V2A - Frame profiles aluminium - Installation constructions with higher stress V2A, otherwise powder-coated approx. 80-100 µm - Screw and connecting material V2A
4	Highly corrosive medium to be pumped	<ul style="list-style-type: none"> - Inner housing V4A - Housing outside sendzimir galvanized and approx. 50-70 µm powder coated - Frame profiles aluminium with two-component wet-paint 80-100 µm - Built-in constructions V2A / V4A - Screw and connection material V2A / V4A
Special execution	Special maximum requirements	Determination of material quality and corrosion protection depending on the conveying medium and requirements, in consultation with our sales team or technical advisors.

The quality levels listed are to be regarded as recommendations.

They result from our many years of experience in the construction of air conditioning units. Thanks to the sensibly coordinated choice of materials, the entire spectrum from simple to maximum corrosion protection is covered.

Our well-trained sales team is at your disposal to advise you in determining the quality level.

The detailed material description can be seen on our overall table. Not listed makes or materials on request.

It is possible to select different quality levels within the Monobloc combination.

Example: Monobloc unit quality level 1, but after humidifier quality level 3.

Powder coating color:e:

Standard: Seven-Air-Green Epoxy EPX0202

Seven-Air-Grey Epoxy EPX0202, RAL7043

All RAL colours are available on request.

Colour for exterior applications:

Standard: Seven-Air-Grey Polyester PES5803 RAL 7043

All RAL colours are available on request.

Sendzimir galvanizing:

Sheet steel with hot-dip galvanisation (svz)

Stainless steel:

V2A: Stainless steel

W-Nr. 1.4301

V4A: Chrome nickel molybdenum steel W-Nr. 1.4404