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| Fecha | | | |  | : |  | 01/03/2017 | | | | Empresa | | | | | | | |  | : |  |  | | | | | | | | | | | | | | | | | | | | | | | | |
| Oferta | | | | : |  | | | | A la atención de | | | | | | | | : |  | | | | | | | | | | | | | | | | | | | | | | | | |
| Proyecto | | | | : |  | | | | Dirección | | | | | | | | : |  | | | | | | | | | | | | | | | | | | | | | | | | |
| Referencia | | | | : |  | | | | Localidad | | | | | | | | : |  | | | | | | | | | | | | | | | | | | | | | | | | |
| Posición | | | | : | ACS olivillo | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | |
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| **SEDICAL - Intercambiador de placas UFP-34 / 28 H - C - PN10** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
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|  | **Datos Generales** | | | | | |  | | |  | | | | | | **Caliente** | |  | | | **Frio** | | | | | | | | | | | |  | |
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|  | Fluido | | | | | | |  | |  | | | Agua | | | | |  | | | Agua | | | | | | | | | | | |  | |
| Potencia de intercambio | | | | | | |  | kW |  | |  | | | | 80.0 | | | | | | | |  | | | | | | | |
| Caudal | | | | | | | l/h | 4715.3 | | | | |  | | | 1158.0 | | | | | | | | | | | |
| Temperatura entrada | | | | | | | ºC | 90.0 | | | | | 10.0 | | | | | | | | | | | |
| Temperatura salida | | | | | | | ºC | 75.0 | | | | | 70.0 | | | | | | | | | | | |
| Perdida de carga | | | | | | | kPa | 27.9 | | | | | 3.4 | | | | | | | | | | | |
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|  | **Propiedades termodinámicas** | | | | | | |  | |  | | | | | **Caliente** | | |  | | | **Frio** | | | | | | | | | | | |  | |
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|  | Densidad | | | | | | |  | |  | kg/m³ | |  |  | | | 970.32 | | | | |  | | 992.02 | | | | | | | | | | | |  | | |
| Calor especifico | | | | | | | kJ/kg×ºK | | 4.20 | | | | | 4.18 | | | | | | | | | | | |
| Conductividad térmica | | | | | | | W/m×ºK | | 0.67 | | | | | 0.63 | | | | | | | | | | | |
| Viscosidad media | | | | | | | mPa×s | | 0.36 | | | | | 0.66 | | | | | | | | | | | |
| Viscosidad pared | | | | | | | mPa×s | | 0.66 | | | | | 0.36 | | | | | | | | | | | |
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|  | **Datos técnicos del intercambiador** | | | | | | |  | |
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|  | Diferencia de temperatura logarítmica media | | | | | | |  | |  | ºC | |  |  | | 38.18 | | | | | | | | | | | | | | | | | | |  | | | |
| Numero de placas | | | | | | |  | | 28 | | | | | | | | | | | | | | | | | | |
| Agrupamiento | | | | | | | 1 x 14 / 1 x 13 | | | | | | | | | | | | | | | | | | |
| Tipo / porcentaje | | | | | | | H | | | | | | | | | | | | | | | | | | |
| Superficie de intercambio efectiva | | | | | | | m² | | 2.18 | | | | | | | | | | | | | | | | | | |
| Coef. global de transmisión (servicio / limpio) | | | | | | | W/m²×ºK | | 959.4 / 4290.3 | | | | | | | | | | | | | | | | | | |
| Sobredimensionamiento | | | | | | | % | | 347.17 | | | | | | | | | | | | | | | | | | |
| Factor de ensuciamiento | | | | | | | m²×ºK/kW | | 0.8092 | | | | | | | | | | | | | | | | | | |
| Presión de trabajo / prueba | | | | | | | bar | | 10.0 / 14.3 | | | | | | | | | | | | | | | | | | |
| Temperatura máxima de diseño | | | | | | | ºC | | 100.0 | | | | | | | | | | | | | | | | | | |
| Acorde a normativa | | | | | | |  | | PED 97/23/EC Art 3.3 | | | | | | | | | | | | | | | | | |  |
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|  | **Materiales, dimensiones y pesos** | | | | | | |  | |
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|  | Material del bastidor / tornillos | | | | | | |  | |  | | ST 52.3 / calidad 8.8 | | | | | | | | | | | | | | | | | | |  | | | |
| Material de las placas / grosor | | | | | | |  | mm | |  | AISI 316 / 0.5 mm | | | | | | | | | | | | | | | | | | |
| Material de las juntas | | | | | | |  | | Nitrilo HT ( sin pegamento ) | | | | | | | | | | | | | | | | | | |
| Material de las conexiones circuito caliente | | | | | | | AISI 316 | | | | | | | | | | | | | | | | | | |
| Material de las conexiones circuito frio | | | | | | | AISI 316 | | | | | | | | | | | | | | | | | | |
| Diámetro de las conexiones | | | | | | | R 1 1/4 " | | | | | | | | | | | | | | | | | | |
| Situación de las conexiones (Caliente / frio) | | | | | | | F1 - F4 / F3 - F2 | | | | | | | | | | | | | | | | | | |
| Tipo de bastidor | | | | | | | C - PN10 | | | | | | | | | | | | | | | | | | |
| Especificación pintura del bastidor | | | | | | | Según ISO12944 Categ. C2 RAL5010 | | | | | | | | | | | | | | | | | | |
| Largo, alto, ancho y peso del bastidor | | | | | | | 390 mm/ 755 mm/ 194 mm/ 47 kg | | | | | | | | | | | | | | | | | | |
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|  | **Precios y plazos** | | | | | | |  | |
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|  | Precio unitario tarifa 2016 | | | | |  | | | |  | Euros | |  |  | | 917.60 | | | | | | | | | | | | | | | | | | |  | | | |
| Cantidad | | | | | Unidades | | 1 | | | | | | | | | | | | | | | | | | |
| Precio total tarifa 2016 | | | | | Euros | | 917.60 | | | | | | | | | | | | | | | | | | |
| Plazo de entrega | | | | |  | | De 3 a 8 semanas a confirmar | | | | | | | | | | | | | | | | | | |
| Transporte | | | | | Excluido | | | | | | | | | | | | | | | | | | |
| Forma de pago | | | | | | |  | | La habitual con Vds. | | | | | | | | | | | | | | | | | | |
| Validez de la oferta | | | | | | | 2 semanas | | | | | | | | | | | | | | | | | | |
| Fecha máxima para recepción del pedido | | | | | | | 31/08/2016 (versión 01/03/2016) | | | | | | | | | | | | | | | | | | |
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