

Technische Daten
(Unverbindlich, abhängig von der endgültigen Konfiguration)

TYPE SICF 200-S

Design data
(Non-binding, depending on the final configuration)

| | | | |
|-------------------------------|--------------------------------|------------------------|------------------|
| Anlagen Typ | Plant type | SICF 200-S | |
| Verbrennungsmasse | Combustion mass | 200 | [kg/h] |
| Heizwert bis | Calorific value up to | 15000 | [kJ/kg] |
| Hauptkammer | Main Chamber | | |
| Temperatur | Temperature | 850 | [°C] |
| Laenge (Aussen) | Length (Outside) | 3800 | [mm] |
| Breite (Aussen) | Width (Outside) | 2100 | [mm] |
| Hoehe (Aussen) | Height (Outside) | 2100 | [mm] |
| Brenner MCC | Burner MCC | | |
| Installierte Leistung min. | Installed burner rating min. | 642 | [kW] |
| Brenner Installiert | Burner installed | 1 | [pcs] |
| Brenner Serie | Burner series | monarch® Burner | |
| Brenner typ | Burner type | WM-L20/2-A Execution R | |
| Leistungsbereich | Performance range | 600 – 2100 (2600) | [kW] |
| Gewicht MCC | Weight MCC | | |
| Stahl | Steel | 2440 | [kg] |
| Isolierung und Auflegewand SR | Insulation and support wall SR | 9774 | [kg] |
| Gesamtgewicht MCC | Total weight MCC | 12214 | [kg] |
| Nachbrennkammer | Afterburner chamber | | |
| Temperatur | Temperature | 1100 | [°C] |
| Laenge (Aussen) | Length (Outside) | 3400 | [mm] |
| Breite (Aussen) | Width (Outside) | 2100 | [mm] |
| Hoehe (Aussen) | Height (Outside) | 2100 | [mm] |
| Brenner MCC | Auxiliary burner SCC | | |
| Installierte Leistung min. | Installed burner rating min. | 275 | [kW] |
| Brenner Installiert | Burner installed | 1 | [pcs] |
| Brenner Serie | Burner series | monarch® Burner | |
| Brenner typ | Burner type | WM-L20/2-A Execution R | |
| Leistungsbereich | Performance range | 600 – 2100 (2600) | [kW] |
| Gewicht SCC | Weight SCC | | |
| Stahl | Steel | 2465 | [kg] |
| Isolierung | Insulation | 3379 | [kg] |
| Gesamtgewicht SCC | Total weight SCC | 5844 | [kg] |
| Gesamtgewicht MCC/SCC | Total weight MCC/SCC | 18058 | [kg] |
| Rauchgas | Flue gas | | |
| Volumen Betrieb | Volume Operation | 7607 | [Bm³ Rgfeucht/h] |
| Verweilzeit Rauchgas min. | Flue gas residence time min. | 2,5 | [s] |
| Rauchgasleitung | Flue gas pipe | 406 | [mm] |
| Saugzuggeblaese | Induced draft fan | | |
| Druck max. | Pressure max. | 5000 | [Pa] |
| Volumenstrom max. | Volume flow rate max. | 10753 | [Nm³/h] |
| Typ | Type | P-PRZ9/355/800/1 | |
| Ventilator Motorleistung | Fan Motor power | 30 | [kW] |
| Verbrennungsluft | Combustion air | | |
| Ventilator Verbrennungsluft | Fan combustion air | | |
| Druck max. | Pressure max. | 3150 | [Pa] |
| Volumenstrom max. | Volume flow rate max. | 1717 | [Nm³/h] |
| Typ | Type | A-MRZ10B/160/500/1 | |
| Ventilator Motorleistung | Fan Motor power | 3 | [kW] |
| ZANNI Rost | ZANNI grate | | |
| Rostgrosse | Grate size | 4,05 | [m²] |

| ZANNI Luft/Luft Kühler | ZANNI air/air cooler | SINGLE | [Type] |
|-------------------------------|--------------------------------|-------------------------------|-------------------|
| Eintrittstemperatur Abgas | Inlet temperature flue gas | 1100 | [°C] |
| Eintrittstemperatur Kuehlluft | Cooling air inlet temperature | 40 | [°C] |
| Massenstrom Rauchgas Ein | Mass flow flue gas in | 1952 | [kg/h] |
| Volumenstrom Kuehlluft Ein | Volume flow cooling air in | 3887 | [Bm³/h] |
| Ventilator Kuehlluft | Fan cooling air | | |
| Druck max. | Pressure max. | 5000 | [Pa] |
| Volumenstrom max. | Volume flow rate max. | 4586 | [Nm³/h] |
| Typ | Type | A-PRZ9/250/560/1 | |
| Ventilator Motorleistung | Fan Motor power | 11 | [kW] |
| Ventilator Kamin | Fan chimney | | |
| Druck max. | Pressure max. | 3150 | [Pa] |
| Volumenstrom max. | Volume flow rate max. | 5366 | [Nm³/h] |
| Typ | Type | A-LRZ9/315/500/1 | |
| Ventilator Motorleistung | Fan Motor power | 7,5 | [kW] |
| Kuehlluftleitung | Cooling air duct | 508 | [mm] |
| Rauchgasleitung Aus | Flue gas pipe Out | 355,6 | [mm] |
| Austrittstemperatur Abgas | Exhaust gas outlet temperature | 196,2 | [°C] |
| Austrittstemperatur Kuehlluft | Outlet temperature cooling air | 440,9 | [°C] |
| Kessel/Energie max. | Boiler/energy max. | | |
| Kesselwirkungsgrad max. | Boiler efficiency max. | 65 | [% Thermisch] |
| Dampfleistung max. | Steam output max. | 730 | [kg/h] |
| Leistung – Elektrisch max. | Power – Electrical max. | 175 | [kW/h Elektrisch] |
| Rauchgasfilter | Flue gas filter | | |
| Druckluftbedarf | Compressed air requirement | 3,1 | m³N DL/h |
| Modulanzahl | Number of modules | 2 | Stück |
| Seitenkanalverdichter | Side channel blower | | |
| Druck max. | Pressure max. | 20000 | [Pa] |
| Volumenstrom max. | Volume flow rate max. | 318 | [Nm³/h] |
| Typ | Type | 2SD 720 – 50/3,00 | |
| Ventilator Motorleistung | Fan Motor power | 3,00 | [kW] |
| Kamine | Chimneys | | |
| Notkamin | Emergency chimney | 355,6 | [mm] |
| Kuehlluftkamin | Cooling air chimney | 508 | [mm] |
| Rauchgaskamin | Flue gas chimney | 355,6 | [mm] |
| Grundflaeche gesamt | Footprint overall | | |
| Laenge A | Length A | 25,3 | m |
| Breite B | Width B | 20,8 | m |
| Flaeche | Floor space | 526,2 | m² |
| Grundflaeche W2E | Footprint W2E | | |
| Laenge C | Length C | 8,2 | m |
| Breite D | Width D | 4,5 | m |
| Flaeche | Floor space | 36,9 | m² |
| Halle Verbrennung | Hall combustion | | |
| Laenge | Length | 7,2 | m |
| Breite | Width | 8,5 | m |
| Flaeche | Floor space | 61,2 | m² |
| Ueberdachung von | Roofing of | MCC/SCC | |
| Freistehend | Freestanding | A/A-C, FH, Others | |
| Zeichnungen | Drawings | | |
| Zeichnungsnummern | Drawing numbers | 1860-200KG-SR10S-202020000952 | |
| Hinweis | Note | © ZANNI GROUP | |
| Zeichnungsstand | Drawing status | -REV-03 | |
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| Technisches Datenblatt | Technical data sheet | | |
| Version | Version | 11/2020 | |
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Abschlussklärung
für diese Planungsunterlage:

Alle Angaben ohne Gewähr.
Änderungen vorbehalten.
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Final declaration
for this planning document

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