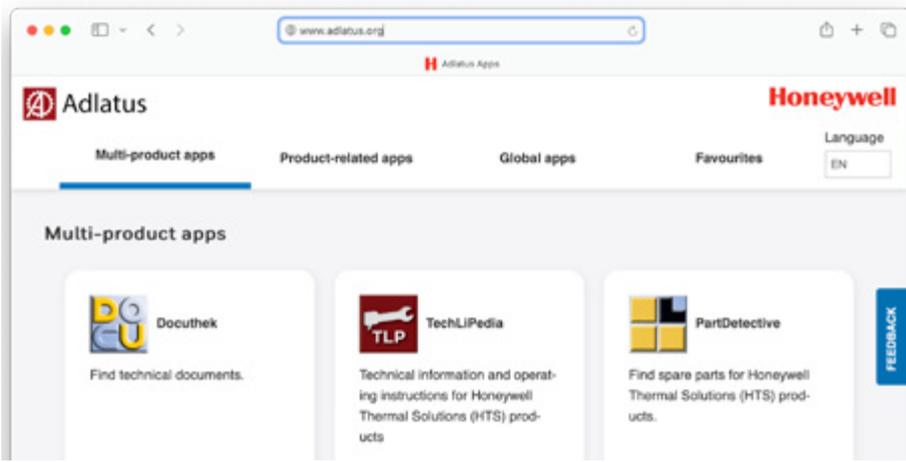




ADLATUS APPS

Product brochure · EN, Edition 04.24



- Self-help tools
- App access via internet browser
- No installation required
- Usable with laptop, tablet or smartphone
- www.adlatus.org

APPLICATION

Helping you help yourself - these are the various ADLATUS apps.

They assist in the search for spare parts or complete products.

To calculate nominal diameters, burner flow curves, emissions, cooling air, etc.

All apps are available in German, English, French, Italian and Spanish.

They are linked to our technical documentation.

This way, whenever it is helpful, you have the right link to the right app right in front of you.

The most important apps can be marked as favorites.

You can access ADLATUS via your internet browser at www.adlatus.org



App	Purpose
Multi-product apps	
Docuthek	Find technical documents.
TechLiPedia	Technical Information and operating instructions in HTML format for smartphones, tablets and computers
PartDetective	Find spare parts for Kromschroder products.
Product finder (ProFi)	Find Kromschroder products.
Nominal size DN	Determine the nominal size DN for Kromschroder products.
Product-related apps	
Selector	Product selection help for BCU 4 and ECOMAX
Burner flow rate curve	Draw burner flow rate curves.
ThermJet TJ	Draw burner flow rate curves for ThermJet TJ.
Calculating the cooling air	Calculate the cooling air in order to prevent overheating of switched off Kromschroder burners.
Burner length of the BIC/ZIC in the case of horizontal installation	Calculate the steel extension in order to adapt BIC burners to different furnace wall thicknesses.
Burner length of the BIC/ZIC in the case of installation at an angle	Calculate the steel extension for BIC burners which are fitted at an angle.
BIO/ZIO burner length in burner block	Calculate the burner length of a BIO/ZIO burner using the type code.
Flame tube FPT	Determine the dimensions of the flame tube FPT for a BIO/ZIO burner.
Calculating the minimum low-fire rate	Calculate the minimum low-fire rate of a Kromschroder burner.
SER-C leakage rate	Calculate the leakage rate of the ceramic radiant tube SER-C.
Safety time on start-up	t_{SA} pursuant to EN 746-2:2010
Calculating measurement time t_M of tightness controls TC 1, TC 2, TC 3	Calculate the measurement time of tightness controls TC 1 - 3 for adaptation to different inlet pressures, test volumes and leakage rates.
Calculating test period t_p of tightness control TC 4	Calculate the test period of tightness control TC 4 for adaptation to different inlet pressures, test volumes and leakage rates.
Pressure levels for setting GPR, SRV and SSV	The opening pressure of the safety relief valve (SRV) and trip pressures for the shut-off valve (SSV) are calculated on the basis of the outlet pressure set on the pressure regulator (GPR).
Global apps	
FuelManager	Determining the gas key data and calculating the gas mixture of two gases
Converting units	Convert general units for pressure, capacity, temperature, etc.
Determining the orifices	Determine restricting and measuring orifices.
Calculating the combustion values	Determine the composition and combustion properties of gas types.
Emissions	Converting emissions. Enter the emissions measured in ppm or mg/m ³ , the measured O ₂ value and the O ₂ reference value. Then read off the converted values.
Determining the required SIL, PL	Depending on the risk, determine SIL pursuant to IEC 62061 and PL pursuant to ISO 13849-1.
CO ₂ Savings	Calculating CO ₂ savings when using hydrogen H ₂

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