



Calculation Tool

www.hheader.com



Proper tools are always important – on site and in the office

- 8 Categories
- 48 Programs
- Figured out in more than ten years of commissioning
- Features: Calculate, Print, Erase, Info, Notes, Load / Save, Transfer, Hint

PRESSURE
Safety Distance
Osmotic Pressure
Pressure Surge
Vacuum Calc
Water Density
Frictional Losses

FLOW
Flow Rates
Charges
Operating Conds
Standard Conds
Permeability
Membrane Flux

CHEMICAL
Chemical Dosing
Water Hardness
Cryst-Diagr. NaOH
Stoichiometry
Table of Elements
Chem. Resistance

ENERGY
Heat Exchange
Therm. Combustion
Energy Balance
Heat Capacity
ISO-Conditions
ISEN-Conditions

ELECTRICS
Consumption
Cross Section
Intrinsic Safety
Measuring Range
Power Rates
Elec. Resistance

MECHANICS
Gear Ratio
Stress Analysis
Fasten. Torques
Engine Vibrations
Welding Current
MTB Failures

MIXED
Kinematics
Steam Table
Coefficient Valve
Open Area Valve
Reduction Rate
Geometry

GENERAL
Small Business Offer
Comm. Protocol
Program Parser
IP-Address
Randomize
Date and Day

Features:

For the programs there are 8 different features provided.



Calculate results



Make your own notes



Print a calculation report



Save and restore values



Erase all values at once



Transfer coherent values



Get detailed information



Get important hints



system- & softwarevertrieb holger hertel
Director: Holger Hertel
Von-Eicken-Str. 11
22529 Hamburg
Germany

Tel.: +49(0)40 69665337
Mobil: +49(0)163 77 95 873
Mail: sales@hheader.com
Web: www.hheader.com

Amtsgericht Hamburg
USt.-Id.Nr./ VAT No.: DE267982519

Pressure:

- Safety Distance
- Osmotic Pressure
- Pressure Surge Analysis
- Vacuum Calculations
- Water Density
- Frictional Losses

Flow:

- Flow Rates
- Charges
- Operating Conditions
- Standard Conditions
- Permeability
- Membrane Flux

Chemical:

- Chemical Dosing
- Water Hardness
- Crystallization Diagr. NaOH
- Stoichiometry
- Periodic Table of Elements
- Chemical Resistance

Energy:

- Heat Exchange
- Thermal Combustion
- Energy Balance
- Heat Capacity
- ISO-Conditions
- ISEN-Conditions

Electrics:

- Consumption
- Cross Section
- Intrinsic Safety
- Measure Range
- Power Rates
- Electrical Resistance

Mechanics

- Gear Ratio
- Stress Analysis
- Torques
- Engine Vibrations
- Welding Current
- Mean Time Between Failures

Mixed:

- Kinematics
- Steam Table
- Coefficient Valve
- Open Area Valve
- Reduction Rate
- Geometry

General:

- Small Business Offer
- Commissioning Protocol
- Program Parser
- IP-Address
- Randomize
- Date Day

Hheader Calculation Tool

48 Programs
8 Categories



**Fight Problems
With 48 Forces**

hheader

is a collection of at least 48 single calculation programs. These 48 programs are divided up into 8 different categories including 6 independent programs each.

The content selection has figured out within more than ten years of commissioning in the field of water- and exhaust air treatment. Regarding this the most often used calculation- and cross check functions have been picked out to be part of the program header.

Beside the theoretical basics also practical experiences have been taken into consideration for the calculations.

The complexity of the programs is partly very different. Some calculations which are required more or less often for project documentation or design criteria can be quite expensive, if they are done by external companies.

www.hheader.com