



Axialverflüssiger Axial condensers



3



Güntner
Tragrohr-
Konstruktion
Güntner
floating coil
design

Güntner
Tragprofile
Güntner
supporting
profiles

AGVH/AGVV NH₃

Bewährte Güntner Tragrohr-Konstruktion
Alle Ventilatoren in ISO F-Ausführung

Güntner's proven floating coil design
All fans in ISO F design

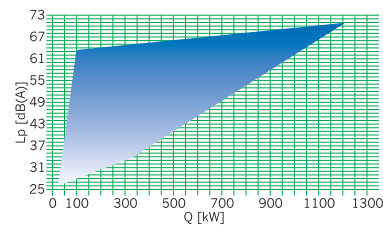


Member of
eurammön
refrigerants delivered by mother nature

www.guentner.de

Anwendungsvorteile für Anlagenbauer, Planer und Betreiber

Application benefits for contractors, planners and operators



Verringerter bauseitiger Aufwand

- Geringere Anzahl der Gerätefüße durch Güntner Tragprofile, daher weniger Fundamente notwendig
- Bis 12 m Gerätelänge max. 6 Füße
- Niedrigere Dachlast durch reduziertes Gerätegewicht

Hohe Sicherheit gegen Leckagen

- Bewährtes Güntner Tragrohrsystem
- Bewährte Güntner Tragprofile
- Selbsttragende Gehäusekonstruktion
- Geringe Durchbiegung bei Kran- und Staplertransport
- Verringerte Aufstellverwindung
- Hohe Steifigkeit bei reduziertem Gewicht

Neue Schallabstufungen

Die verbesserten Schallabstufungen der Güntner Verflüssiger gewährleisten optimale Anpassung an schalltechnische Anforderungen.

- Zusätzliche Schallstufe M zwischen N und L, 5 Schallabstufungen statt bisher 4
- Jetzt noch mehr Geräte durch neuartige Owllet-Ventilatoren (Ø 800 mm) mit verbessertem Wirkungsgrad und niedrigerem Schalldruckpegel

Umfangreiches Zubehörprogramm

Ermöglicht individuelle Ausführungsvarianten. Güntner Schaltschränke mit Steuer- und Regelkomponenten werden nach höchsten Qualitätsstandards im eigenen Werk gefertigt und sind optimal an Verflüssiger angepasst.

Sparen Sie wertvolle Arbeitszeit durch werkseitig montierte Güntner Schaltschränke!

Weitere Information unter:
www.guentner.de

Less work on site

- Unit has fewer feet due to Güntner supporting profiles, therefore fewer foundations required
- Maximum of 6 feet for units up to 12 m long
- Less roof load due to reduced unit weight

Good protection against leakage

- Güntner's proven floating coil design
- Güntner's tried and tested bearing profiles
- Self-supporting casing structure
- Minimal flexion during crane and forklift transport
- Reduced assembly torsion
- More rigidity with less weight

New noise graduations

The improved sound graduation of the Güntner condensers guarantees maximum compliance with noise regulations.

- Additional noise level M between N and L, 5 sound graduations instead of the previous 4
- Now even more units due to fans with owllet technology (Ø 800 mm) with enhanced efficiency and lower sound pressure level

Wide range of accessories

Allows individual design variants. Güntner switch cabinets with control and regulation components are manufactured in the company's own plant and are made to comply with the highest quality standards. They are specially designed for the use with condensers.

Save precious working time by using factory-installed switch cabinets.

For additional information, consult our website at www.guentner.de.

Nomenklatur / Nomenclature

| | | | |
|---------------------------------------|------------------------------------|--------------|-----------|
| Güntner Ammoniak Axialverflüssiger | Güntner ammonia axial condenser | AGV | |
| Horizontal | Horizontal | H | |
| Vertikal | Vertical | V | |
| Ventilator Ø 800 mm | Fan Ø 800 mm | 080 | |
| Generation (nur Baugröße 080/090/100) | Generation (only size 080/090/100) | .3 | |
| Baugrößenmodul | Module of size | A/ | |
| Anzahl der Ventilatoren | Number of fans | 2 x 6 | |
| Normalausführung | Standard design | | -N |
| Mittelleise Ausführung | Medium noise level design | | -M |
| Leise Ausführung | Low noise level design | | -L |
| Sehr leise Ausführung | Super low noise level design | | -S |
| Extrem leise Ausführung | Extremely low noise level design | | -E |
| Spannung / Phase / Frequenz | 400 V 3~ 50 Hz Δ | | D |
| Voltage / Phase / Frequency | 230 V 1~ 50 Hz | | W |
| | 400 V 3~ 50 Hz Y | | S |

Diagramm

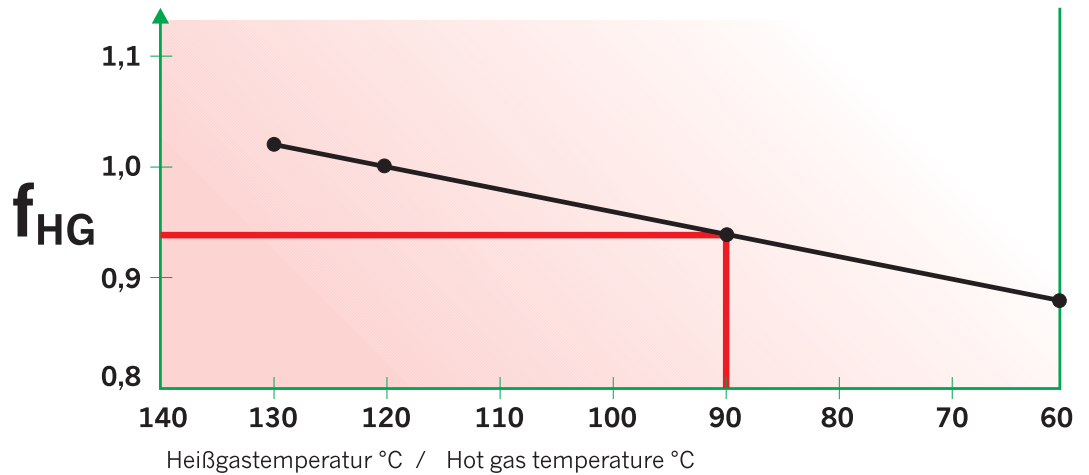
Verflüssiger-Nennleistung
Heißgastemperatur

Diagram

Nominal condensing capacity
Hot gas temperature

Diagramm zur Bestimmung der Verflüssiger-Nennleistung (Katalog) in Abhängigkeit von der Heißgastemperatur

Diagram for calculation of nominal condensing capacity depending on the hot gas temperature



Güntner Product Calculator die bessere Wahl

Güntner Product Calculator the perfect choice

Für eine **genaue thermodynamische Auslegung** mit anderen Betriebsparametern (auch für andere geodätische Höhen und Epoxidharzbeschichtete Lamellen) empfehlen wir die Verwendung des **Güntner Product Calculator**.

Die Software ermöglicht auch die sichere, einfache Auslegung des passenden Schaltschranks mit Steuer- und Regelkomponenten.

We recommend that you use the **Güntner Product Calculator** for an **exact thermodynamic calculation** in different operating parameters (for other heights above sea level and epoxy resin coated fins).

The software also renders it possible to produce a safe, simple control panel design including control and regulation components.

Kältemittel refrigerant

Lufttemperatur air temperature

geodätische Höhe height above sea level

Epoxidharzbeschichtete Lamellen epoxy resin coated fins

Schalldruckpegel sound pressure level

Leistungsumrechnung

Temperatur und Aufstellhöhe

Capacity calculation

Temperature and installation altitude

Diagramm zur Bestimmung der Verflüssiger-Nennleistung (Katalog) in Abhängigkeit von t_c und t_{L1} bei einer Heißgasüberhitzung von $\Delta t_h = 25$ K

Diagram for calculation of nominal condensing capacity depending on t_c and t_{a1} for hot gas superheating of $\Delta t_h = 25$ K

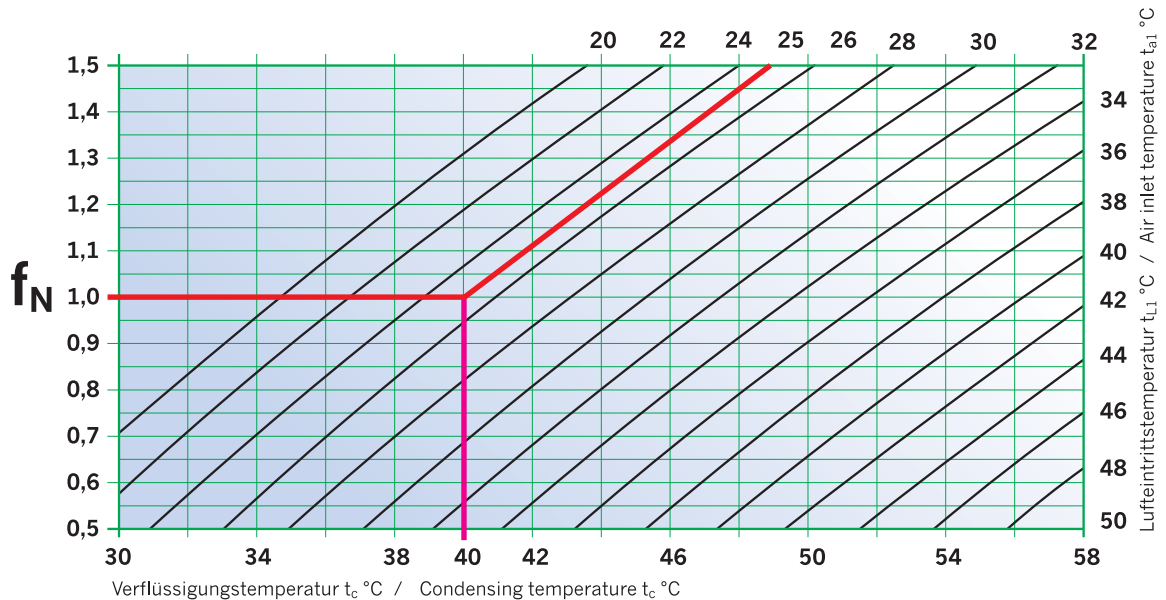
$$\dot{Q}_C = \dot{Q}_{CN} \cdot f_N \cdot f_{HG} \cdot f_H$$

\dot{Q}_C = tatsächliche Leistung
Faktoren für f_M und f_R siehe Seite 3

\dot{Q}_C = actual capacity
Factors for f_M and f_R see page 3

Genauere Daten sind nur durch Berechnung über den Guntner Product Calculator möglich.

Exact data can only be obtained by using the Guntner Product Calculator.



Umrechnung nur näherungsweise. Einfluß des Druckabfalls kann nur mit GPC berücksichtigt werden.

Only approximate conversion values. Effect of pressure drop can only be taken into consideration with GPC.

\dot{Q}_N (Heißgastemp./hot gas temp., t_c , t_{L1}/t_{a1} , Unterkühlung/Subcooling, H) → Guntner Product Calculator

Korrekturfaktoren

Correction factors

| Korrekturfaktor zur Bestimmung der Rückkühler-Nennleistung (Katalog) in Abhängigkeit von der Aufstellhöhe. | | | | | | |
|--|-----|------|------|------|------|------|
| Correction factor for calculation of nominal drycooler capacity depending on the installation altitude. | | | | | | |
| Meter über NN Meters above NN (Sea level) | 0 | 500 | 1000 | 1500 | 2000 | 2500 |
| f_H | 1,0 | 0,96 | 0,92 | 0,89 | 0,85 | 0,82 |

Leistungstabellen
AGVH/V .../...-N
Gewichte und Maße

Capacity tables
AGVH/V .../...-N
Weights and Measures

| AGVH/V .../...-N | | | | | | | | | | | | |
|--------------------|--|------------|--|-------------------|--|------------|--|------------|--|-----------------------|--|-----------------------|
| Typ Type | \dot{Q}_{cN} Nennleistung Nominal capacity | | \dot{V}_L Luftvolumenstrom Air volume flow | | aufgenommene el. Leistung consumed power | | Schalldruck- pegel Sound pressure level | | Strang- Anzahl Number of passes | Gewicht Weight | Rohr- volumen Tube volume | Fläche Surface |
| | $\Delta t = 15\text{ K}$ | | | | $P_{el\ total}$ | | | | | | | |
| | Δ | Υ | Δ | Υ | Δ | Υ | Δ | Υ | | | | |
| | kW | kW | m ³ /h | m ³ /h | kW | kW | dB(A)10m | | | kg | l | m ² |
| 067A/1 ... D + S | 47,8 | 39,0 | 12400 | 9240 | 2,0 | 1,3 | 59 | 51 | 4 | 136 | 12,4 | 103 |
| 067B/1 ... D + S | 54,6 | 44,6 | 13600 | 10200 | 1,9 | 1,3 | 59 | 51 | 4 | 154 | 14,6 | 126 |
| 067C/1 ... D + S | 59,5 | 49,0 | 14300 | 10900 | 1,9 | 1,2 | 59 | 51 | 4 | 172 | 16,8 | 149 |
| 067A/2 ... D + S | 95,0 | 80,0 | 24200 | 18800 | 4,0 | 2,6 | 62 | 54 | 6 | 255 | 23,0 | 211 |
| 067B/2 ... D + S | 110 | 89,8 | 27300 | 20600 | 3,8 | 2,5 | 61 | 53 | 10 | 294 | 27,3 | 258 |
| 067C/2 ... D + S | 120 | 98,6 | 28800 | 21900 | 3,8 | 2,5 | 61 | 53 | 10 | 330 | 32,2 | 305 |
| 067A/3 ... D + S | 147 | 121 | 38000 | 28300 | 6,0 | 3,9 | 63 | 55 | 10 | 374 | 33,6 | 319 |
| 067B/3 ... D + S | 166 | 136 | 41100 | 31000 | 5,8 | 3,8 | 63 | 55 | 12 | 433 | 40,1 | 390 |
| 067C/3 ... D + S | 181 | 149 | 43300 | 33000 | 5,7 | 3,7 | 63 | 55 | 12 | 493 | 46,7 | 460 |
| 067B/4 ... D + S | 222 | 182 | 54900 | 41400 | 7,7 | 5,0 | 64 | 56 | 15 | 637 | 53,6 | 521 |
| 067A/2x2 ... D + S | 201 | 164 | 51500 | 38400 | 8,0 | 5,2 | 64 | 55 | 14 | 548 | 51,5 | 443 |
| 067B/2x2 ... D + S | 226 | 185 | 55600 | 42000 | 7,7 | 5,0 | 64 | 55 | 18 | 620 | 60,7 | 541 |
| 067C/2x2 ... D + S | 246 | 202 | 58400 | 44600 | 7,6 | 5,0 | 64 | 55 | 18 | 692 | 69,9 | 640 |
| 067A/2x3 ... D + S | 303 | 248 | 77600 | 57900 | 12,0 | 7,7 | 66 | 58 | 21 | 790 | 76,6 | 670 |
| 067B/2x3 ... D + S | 339 | 279 | 83600 | 63200 | 11,5 | 7,5 | 66 | 58 | 21 | 898 | 90,4 | 818 |
| 067C/2x3 ... D + S | 369 | 304 | 87700 | 67000 | 11,3 | 7,4 | 66 | 58 | 25 | 1005 | 104,1 | 966 |
| 067B/2x4 ... D + S | 452 | 372 | 111600 | 84400 | 15,4 | 10,0 | 67 | 59 | 31 | 1163 | 116,1 | 1095 |

Technische Daten aller Ventilatoren siehe Tabelle Seite 10.

Technical data for all fans see table page 10.

Leistungstabellen

AGVH/V .../...-L

Gewichte und Maße

Capacity tables

AGVH/V .../...-L

Weights and Measures

| AGVH/V .../...-L | | | | | | | | | | | | |
|---------------------|--|------------|--|-------------------|--|------------|--|------------|--|-----------------------|--|-----------------------|
| Typ Type | \dot{Q}_{CN} Nennleistung Nominal capacity | | \dot{V}_L Luftvolumenstrom Air volume flow | | aufgenommene el. Leistung consumed power | | Schalldruck- pegel Sound pressure level | | Strang- Anzahl Number of passes | Gewicht Weight | Rohr- volumen Tube volume | Fläche Surface |
| | $\Delta t = 15 K$ | | | | $P_{el} total$ | | | | | | | |
| | Δ | Υ | Δ | Υ | Δ | Υ | Δ | Υ | | | | |
| | kW | kW | m ³ /h | m ³ /h | kW | kW | dB(A)10m | | | kg | l | m ² |
| 067A/1 ... D* + S | 34,4 | 27,5 | 7880 | 5890 | 0,7 | 0,4 | 47 | 41 | 5 | 136 | 12,4 | 103 |
| 067B/1 ... D* + S | 39,1 | 31,4 | 8630 | 6540 | 0,7 | 0,4 | 47 | 41 | 5 | 154 | 14,6 | 126 |
| 067C/1 ... D* + S | 41,2 | 33,4 | 9150 | 7010 | 0,7 | 0,4 | 47 | 41 | 10 | 172 | 16,8 | 149 |
| 067A/2 ... D* + S | 71,0 | 57,3 | 16300 | 12300 | 1,4 | 0,9 | 50 | 44 | 10 | 255 | 23,0 | 211 |
| 067B/2 ... D* + S | 79,4 | 64,0 | 17500 | 13300 | 1,3 | 0,9 | 49 | 43 | 10 | 294 | 27,3 | 258 |
| 067C/2 ... D* + S | 87,0 | 70,5 | 18600 | 14300 | 1,3 | 0,8 | 49 | 43 | 10 | 330 | 32,2 | 305 |
| 067A/3 ... D* + S | 106 | 84,4 | 24100 | 18000 | 2,1 | 1,3 | 51 | 45 | 15 | 374 | 33,6 | 319 |
| 067B/3 ... D* + S | 119 | 96,0 | 26200 | 19900 | 2,0 | 1,3 | 51 | 45 | 15 | 433 | 40,1 | 390 |
| 067C/3 ... D* + S | 129 | 104 | 27700 | 21200 | 2,0 | 1,3 | 51 | 45 | 20 | 493 | 46,7 | 460 |
| 067B/4 ... D* + S | 161 | 129 | 35000 | 26600 | 2,7 | 1,7 | 52 | 46 | 20 | 637 | 53,6 | 521 |
| 067A/2x2 ... D* + S | 143 | 115 | 32700 | 24600 | 2,8 | 1,8 | 51 | 45 | 21 | 548 | 51,5 | 443 |
| 067B/2x2 ... D* + S | 161 | 130 | 35400 | 27000 | 2,7 | 1,7 | 51 | 45 | 21 | 620 | 60,7 | 541 |
| 067C/2x2 ... D* + S | 176 | 142 | 37300 | 28700 | 2,6 | 1,7 | 51 | 45 | 21 | 692 | 69,9 | 640 |
| 067A/2x3 ... D* + S | 220 | 176 | 49200 | 37000 | 4,1 | 2,7 | 54 | 48 | 21 | 790 | 76,6 | 670 |
| 067B/2x3 ... D* + S | 240 | 194 | 53300 | 40600 | 4,0 | 2,6 | 54 | 48 | 42 | 898 | 90,4 | 818 |
| 067C/2x3 ... D* + S | 261 | 212 | 56100 | 43200 | 3,9 | 2,5 | 54 | 48 | 42 | 1005 | 104,1 | 966 |
| 067B/2x4 ... D* + S | 325 | 262 | 71100 | 54200 | 5,4 | 3,5 | 55 | 49 | 42 | 1163 | 116,1 | 1095 |

D* = Verflüssiger ist auch mit Ventilatoren 1~ 230 V 50 Hz (AGVH/V ... W) lieferbar.

Technische Daten aller Ventilatoren siehe Tabelle Seite 10.

D* = Condensers available with 1~ 230 V 50 Hz fans (AGVH/V ... W).

Technical data for all fans see table page 10.

Leistungstabellen

AGVH/V .../...-S

Gewichte und Maße

Capacity tables

AGVH/V .../...-S

Weights and Measures

| AGVH/V .../...-S | | | | | | | | | | | | |
|---------------------|--|------------|--|-------------------|--|------------|--|------------|--|-----------------------|--|-----------------------|
| Typ Type | \dot{Q}_{cN} Nennleistung Nominal capacity | | \dot{V}_L Luftvolumenstrom Air volume flow | | aufgenommene el. Leistung consumed power | | Schalldruck- pegel Sound pressure level | | Strang- Anzahl Number of passes | Gewicht Weight | Rohr- volumen Tube volume | Fläche Surface |
| | $\Delta t = 15\text{ K}$ | | | | $P_{el\ total}$ | | | | | | | |
| | Δ | Υ | Δ | Υ | Δ | Υ | Δ | Υ | | | | |
| | kW | kW | m ³ /h | m ³ /h | kW | kW | dB(A)10m | | | kg | l | m ² |
| 067A/1 ... D* + S | 23,8 | 19,6 | 6380 | 4830 | 0,4 | 0,2 | 40 | 33 | 2 | 116 | 8,1 | 68 |
| 067B/1 ... D* + S | 26,5 | 22,0 | 6810 | 5230 | 0,4 | 0,2 | 40 | 33 | 2 | 130 | 9,6 | 84 |
| 067C/1 ... D* + S | 28,6 | 23,9 | 7110 | 5520 | 0,3 | 0,2 | 40 | 33 | 2 | 145 | 11,1 | 100 |
| 067A/2 ... D* + S | 48,6 | 40,2 | 13000 | 9890 | 0,7 | 0,5 | 43 | 36 | 4 | 214 | 15,3 | 141 |
| 067B/2 ... D* + S | 53,8 | 44,7 | 13800 | 10600 | 0,7 | 0,5 | 42 | 35 | 4 | 242 | 18,2 | 172 |
| 067C/2 ... D* + S | 57,7 | 48,5 | 14300 | 11200 | 0,7 | 0,4 | 42 | 35 | 4 | 271 | 21,1 | 203 |
| 067A/3 ... D* + S | 73,2 | 60,0 | 19600 | 14900 | 1,1 | 0,7 | 44 | 37 | 5 | 311 | 22,0 | 213 |
| 067B/3 ... D* + S | 81,3 | 67,1 | 20800 | 16000 | 1,1 | 0,7 | 44 | 37 | 8 | 353 | 26,4 | 260 |
| 067C/3 ... D* + S | 87,5 | 72,2 | 21500 | 16800 | 1,0 | 0,7 | 44 | 37 | 8 | 402 | 31,2 | 307 |
| 067B/4 ... D* + S | 108 | 90,3 | 27700 | 21400 | 1,4 | 1,8 | 45 | 38 | 8 | 538 | 35,0 | 348 |
| 067A/2x2 ... D* + S | 99,4 | 82,0 | 26500 | 20200 | 1,4 | 0,9 | 45 | 38 | 7 | 456 | 33,0 | 295 |
| 067B/2x2 ... D* + S | 110 | 91,1 | 27900 | 21600 | 1,4 | 0,9 | 45 | 38 | 12 | 511 | 39,1 | 361 |
| 067C/2x2 ... D* + S | 118 | 98,5 | 28900 | 22600 | 1,4 | 0,9 | 45 | 38 | 12 | 572 | 45,2 | 426 |
| 067A/2x3 ... D* + S | 150 | 125 | 39900 | 30500 | 2,2 | 1,4 | 47 | 40 | 12 | 650 | 48,2 | 447 |
| 067B/2x3 ... D* + S | 165 | 138 | 42000 | 32500 | 2,1 | 1,4 | 47 | 40 | 12 | 733 | 57,3 | 545 |
| 067C/2x3 ... D* + S | 178 | 149 | 43500 | 34000 | 2,1 | 1,3 | 47 | 40 | 14 | 825 | 66,5 | 644 |
| 067B/2x4 ... D* + S | 222 | 184 | 56200 | 43500 | 2,8 | 1,8 | 48 | 41 | 21 | 957 | 76,9 | 730 |

D* = Verflüssiger ist auch mit Ventilatoren 1~ 230 V 50 Hz (AGVH/V ... W) lieferbar.
 Technische Daten aller Ventilatoren siehe Tabelle Seite 10.
 D* = Condensers available with 1~ 230 V 50 Hz fans (AGVH/V ... W).
 Technical data for all fans see table page 10.

Leistungstabellen
AGVH/V .../...-E
Gewichte und Maße

Capacity tables
AGVH/V .../...-E
Weights and Measures

| AGVH/V .../...-E | | | | | | | | | | | | |
|---------------------|--|------------|--|-------------------|--|------------|--|------------|--|-----------------------|--|-----------------------|
| Typ Type | \dot{Q}_{CN} Nennleistung Nominal capacity | | \dot{V}_L Luftvolumenstrom Air volume flow | | aufgenommene el. Leistung consumed power | | Schalldruck- pegel Sound pressure level | | Strang- Anzahl Number of passes | Gewicht Weight | Rohr- volumen Tube volume | Fläche Surface |
| | $\Delta t = 15\text{ K}$ | | | | $P_{el\ total}$ | | | | | | | |
| | Δ | Υ | Δ | Υ | Δ | Υ | Δ | Υ | | | | |
| | kW | kW | m ³ /h | m ³ /h | kW | kW | dB(A)10m | | | kg | l | m ² |
| 067A/1 ... D* + S | 21,5 | 15,2 | 5510 | 3430 | 0,2 | 0,1 | 36 | 24 | 2 | 116 | 8,1 | 68 |
| 067B/1 ... D* + S | 24,0 | 17,2 | 5920 | 3760 | 0,2 | 0,1 | 36 | 24 | 2 | 130 | 9,6 | 84 |
| 067C/1 ... D* + S | 26,0 | 18,9 | 6220 | 3990 | 0,2 | 0,1 | 36 | 24 | 2 | 145 | 11,1 | 100 |
| 067A/2 ... D* + S | 44,2 | 31,2 | 11300 | 7040 | 0,5 | 0,2 | 39 | 27 | 4 | 214 | 15,3 | 141 |
| 067B/2 ... D* + S | 48,8 | 35,0 | 12000 | 7640 | 0,5 | 0,2 | 38 | 26 | 4 | 242 | 18,2 | 172 |
| 067C/2 ... D* + S | 52,8 | 38,4 | 12600 | 8080 | 0,5 | 0,2 | 38 | 26 | 4 | 271 | 21,1 | 203 |
| 067A/3 ... D* + S | 66,5 | 47,3 | 17000 | 10650 | 0,7 | 0,4 | 40 | 29 | 5 | 311 | 22,0 | 213 |
| 067B/3 ... D* + S | 73,2 | 52,7 | 18100 | 11530 | 0,7 | 0,4 | 40 | 28 | 5 | 353 | 26,4 | 260 |
| 067C/3 ... D* + S | 79,7 | 56,9 | 18900 | 12160 | 0,7 | 0,4 | 40 | 28 | 8 | 402 | 31,2 | 307 |
| 067B/4 ... D* + S | 98,6 | 70,6 | 24200 | 15410 | 1,0 | 0,5 | 41 | 29 | 8 | 538 | 35,0 | 348 |
| 067A/2x2 ... D* + S | 89,4 | 64,2 | 22900 | 14400 | 1,0 | 0,5 | 41 | 29 | 6 | 456 | 33,0 | 295 |
| 067B/2x2 ... D* + S | 99,2 | 71,3 | 24400 | 15600 | 1,0 | 0,5 | 41 | 29 | 7 | 511 | 39,1 | 361 |
| 067C/2x2 ... D* + S | 108 | 76,8 | 25400 | 16400 | 0,9 | 0,5 | 41 | 29 | 12 | 572 | 45,2 | 426 |
| 067A/2x3 ... D* + S | 136 | 97,0 | 34600 | 21800 | 1,5 | 0,7 | 43 | 31 | 12 | 650 | 48,2 | 447 |
| 067B/2x3 ... D* + S | 150 | 108 | 36700 | 23500 | 1,4 | 0,7 | 43 | 31 | 12 | 733 | 57,3 | 545 |
| 067C/2x3 ... D* + S | 162 | 116 | 38200 | 24700 | 1,4 | 0,7 | 43 | 31 | 14 | 825 | 66,5 | 644 |
| 067B/2x4 ... D* + S | 200 | 144 | 49100 | 31400 | 1,9 | 1,0 | 44 | 32 | 14 | 957 | 76,9 | 730 |

D* = Verflüssiger ist auch mit Ventilatoren 1~ 230 V 50 Hz (AGVH/V ... W) lieferbar.

Technische Daten aller Ventilatoren siehe Tabelle Seite 10.

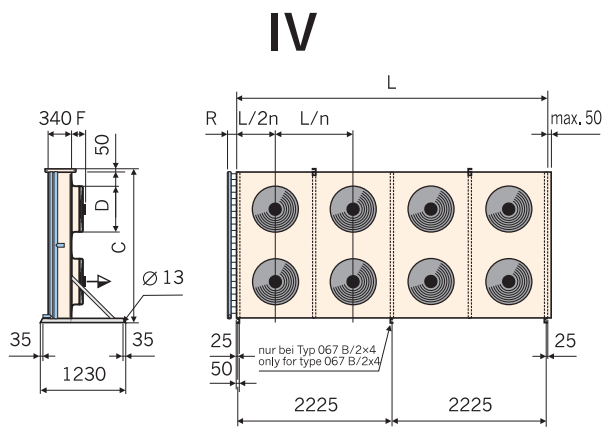
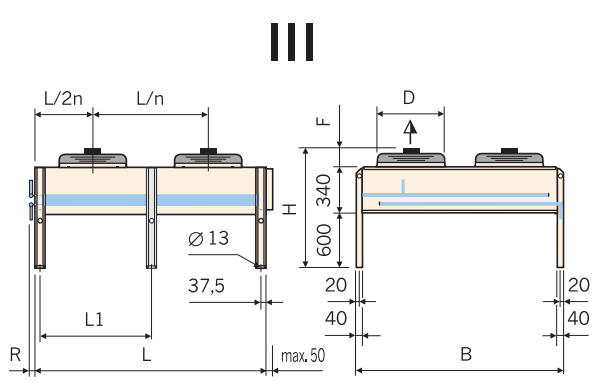
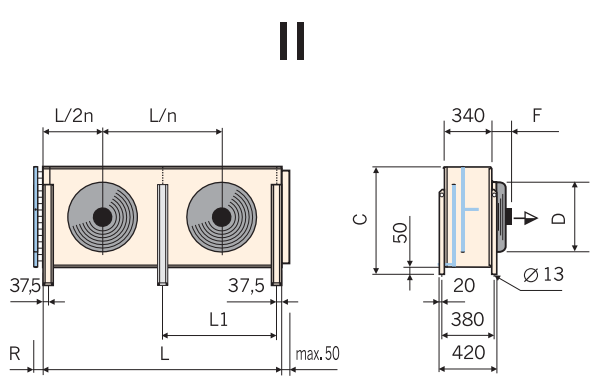
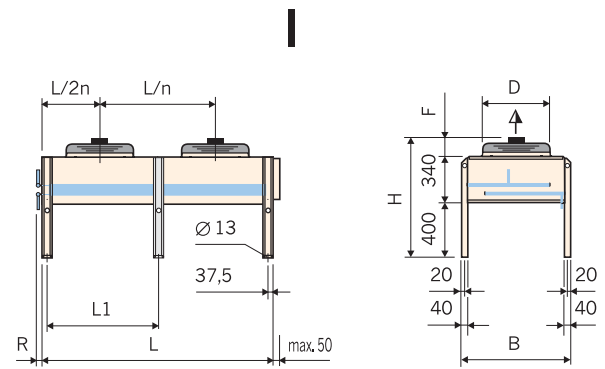
D* = Condensers available with 1~ 230 V 50 Hz fans (AGVH/V ... W).

Technical data for all fans see table page 10.

Abmessungen AGVH / AGVV Ausführungen

Dimensions AGVH / AGVV Design

| Größe Size | Abmessungen Dimensions | | | | | | Anzahl der FüÙe No. of feet | Ausführung Design |
|-------------------|-------------------------------|------|------|------|-----|------|--------------------------------|----------------------|
| | AGVH / AGVV | | | | | | | |
| | L | B | H | L1 | R | C | | |
| mm | mm | mm | mm | mm | mm | mm | | |
| 067A/1 | 925 | 1145 | 950 | — | 180 | 1125 | 4 | I / II |
| 067B/1 | 1125 | 1145 | 950 | — | 200 | 1125 | 4 | I / II |
| 067C/1 | 1325 | 1145 | 950 | — | 200 | 1125 | 4 | I / II |
| 067A/2 | 1850 | 1145 | 950 | — | 200 | 1125 | 4 | I / II |
| 067B/2 | 2250 | 1145 | 950 | — | 250 | 1125 | 4 | I / II |
| 067C/2 | 2650 | 1145 | 950 | — | 250 | 1125 | 4 | I / II |
| 067A/3 | 2775 | 1145 | 950 | — | 250 | 1125 | 4 | I / II |
| 067B/3 | 3375 | 1145 | 950 | — | 290 | 1125 | 4 | I / II |
| 067C/3 | 3975 | 1145 | 950 | — | 290 | 1125 | 4 | I / II |
| 067B/4 | 4500 | 1145 | 950 | 2215 | 250 | 1125 | 6 | I / II |
| | | | | | | | | |
| 067A/2x2 | 1850 | 2195 | 1150 | — | 250 | 2225 | 4 | III / IV |
| 067B/2x2 | 2250 | 2195 | 1150 | — | 250 | 2225 | 4 | III / IV |
| 067C/2x2 | 2650 | 2195 | 1150 | — | 250 | 2225 | 4 | III / IV |
| 067A/2x3 | 2775 | 2195 | 1150 | — | 290 | 2225 | 4 | III / IV |
| 067B/2x3 | 3375 | 2195 | 1150 | — | 290 | 2225 | 4 | III / IV |
| 067C/2x3 | 3975 | 2195 | 1150 | — | 290 | 2225 | 4 | III / IV |
| 067B/2x4 | 4500 | 2195 | 1150 | 2215 | 290 | 2225 | 6 | III / IV |



* Zusätzliche Schiene zur Gerätebefestigung für Typ 067./2x4
 * Additional rail for mounting the unit type 067./2x4

n = Anzahl Ventilatoren
 n = Number of fans

Bei SchwingmetallfüÙen vergrößern sich die AufstellmaÙe „H“ und „C“
 When using vibration dampers, the setting-up dimensions „H“ and „C“ (height) increase

Ventilatorabmessungen „D“ und „F“ siehe Tabelle Seite 10
 Fan dimensions „D“ and „F“ see table page 10

Ventilatordaten
Drehzahlregelung

Fan data
Speed Control

Ventilatorabmessungen

Fan dimensions

| Typ Model | Abmessungen Dimensions | |
|----------------------------------|-------------------------------|-----|
| | D | F |
| | mm | mm |
| AGVH/V 067.../... -N bis / to -E | 650 | 210 |

Technische Daten
je Ventilator

Technical data per fan

| Typ Type | Spannung / Frequenz / Anzahl Phase Voltage / Frequency / Number of phases | Drehzahl Speed | Stromstärke Current | el. Leistung el. power | Schall- leistungspegel Sound power level |
|------------------------|--|-----------------------|----------------------------|-------------------------------|---|
| | | min ⁻¹ | A | kW | dB(A) |
| AGVH/V 067 .../... -ND | 400V / 50Hz / 3~ (Δ) | 1340 | 4,3 | 2,2 | 90 |
| AGVH/V 067 .../... -NS | 400V / 50Hz / 3~ (Y) | 1000 | 2,5 | 1,3 | 83 |
| AGVH/V 067 .../... -LD | 400V / 50Hz / 3~ (Δ) | 870 | 1,5 | 0,76 | 78 |
| AGVH/V 067 .../... -LS | 400V / 50Hz / 3~ (Y) | 650 | 0,81 | 0,47 | 72 |
| AGVH/V 067 .../... -LW | 230V/50Hz/1~ | 870 | 3,4 | 0,7 | 78 |
| AGVH/V 067 .../... -SD | 400V / 50Hz / 3~ (Δ) | 650 | 0,78 | 0,34 | 70 |
| AGVH/V 067 .../... -SS | 400V / 50Hz / 3~ (Y) | 490 | 0,39 | 0,2 | 64 |
| AGVH/V 067 .../... -SW | 230V/50Hz/1~ | 680 | 1,75 | 0,4 | 71 |
| AGVH/V 067 .../... -ED | 400V / 50Hz / 3~ (Δ) | 560 | 0,51 | 0,26 | 67 |
| AGVH/V 067 .../... -ES | 400V / 50Hz / 3~ (Y) | 350 | 0,23 | 0,12 | 55 |
| AGVH/V 067 .../... -EW | 230V/50Hz/1~ | 550 | 1,2 | 0,25 | 67 |

Drehzahlregelung
Schaltschränke

Speed control
Switch cabinets

Drehzahlregler und Schaltschränke finden Sie im Güntner Katalog und im Güntner Product Calculator, GPC.

You can find speed controllers and switch cabinets in our Güntner catalogue and in the Güntner Product Calculator, GPC.



Anschlüsse Zubehör

Connections Accessories

Anschlüsse

Connections

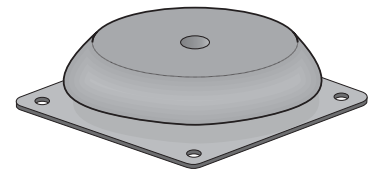
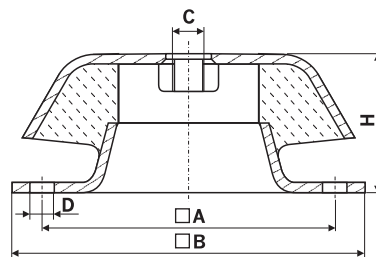
| Standard-Anschlusssystem Standard connection system | | |
|--|-------------------|--------------------|
| Verflüssigerleistung Condenser capacity | Eintritt Inlet | Austritt Outlet |
| kW | St Ø mm | St Ø mm |
| < 30 | 21,3 | 21,3 |
| 30 – 45 | 26,9 | 21,3 |
| 45 – 85 | 33,7 | 21,3 |
| 85 – 120 | 42,4 | 21,3 |
| 120 – 190 | 48,3 | 26,9 |

| Standard-Anschlusssystem Standard connection system | | |
|--|-------------------|--------------------|
| Verflüssigerleistung Condenser capacity | Eintritt Inlet | Austritt Outlet |
| kW | St Ø mm | St Ø mm |
| 190 – 300 | 60,3 | 33,7 |
| 300 – 500 | 76,1 | 42,4 |
| 500 – 700 | 88,9 | 48,3 |
| 700 – 1000 | 2 × 76,1 | 2 × 60,3 |
| > 1000 | 2 × 88,9 | 2 × 76,1 |

Schwingmetallfüße (Zubehör)

Vibration dampers (Accessories)

| Typ Model | Belastung Load | H | A | B | C | D |
|--------------|----------------------|----|-----|-----|-----|----|
| | | mm | mm | mm | mm | mm |
| SMA 1 | bis / to 350 kg | 40 | 88 | 108 | M12 | 9 |
| SMA 2 | 350 bis / to 500 kg | 40 | 88 | 108 | M12 | 9 |
| SMA 3 | 500 bis / to 700 kg | 50 | 132 | 168 | M16 | 13 |
| SMA 4 | 700 bis / to 1000 kg | 50 | 132 | 168 | M16 | 13 |



Schallangaben

Sound specifications

Zur Ermittlung des Schalldruckpegels sind die Schalleistungen der einzelnen Ventilatoren entsprechend der räumlichen Anordnung zu Grunde zu legen und die Schallausbreitung unter Berücksichtigung der örtlichen und räumlichen Verhältnisse zu bestimmen.

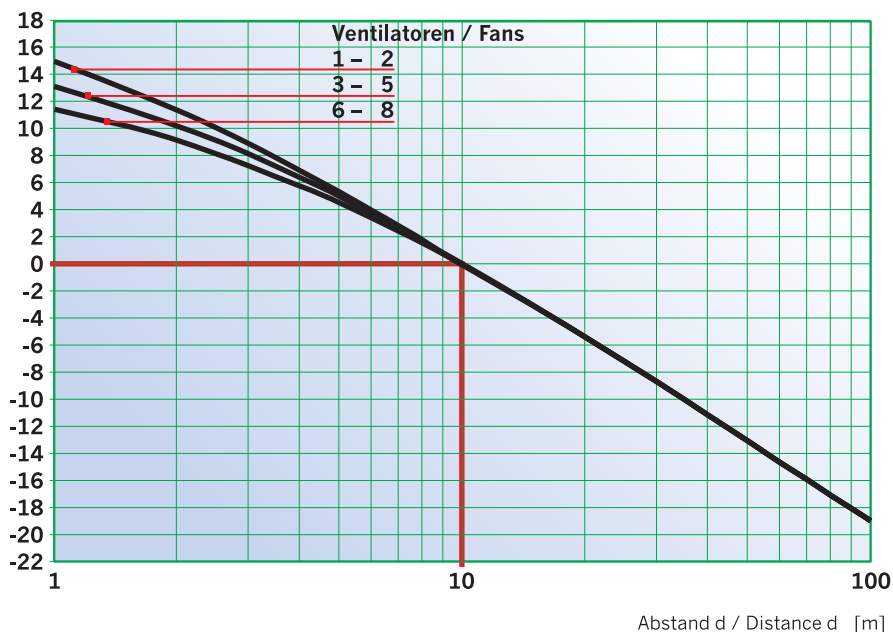
Schalt-, Anlauf- und Regelgeräusche sind nicht berücksichtigt.

For the calculation of the sound pressure level, take the sound power of the individual fans acc. to their position, and calculate the sound propagation considering the local and ambient conditions.

Speed change, start up and control noises are not taken into account.

| Ventilator typ Fan type | Drehzahl Speed | | Schallleistungspegel L_{wa} — pro Oktave — pro Ventilator Sound power level L_{wa} — per octave — per fan | | | | | | | | | | | | | | | | L_{wa} total | |
|----------------------------|-------------------|----------|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------------------|----------|
| | | | 63 Hz | | 125 Hz | | 250 Hz | | 500 Hz | | 1000 Hz | | 2000 Hz | | 4000 Hz | | 8000 Hz | | | |
| | Δ | γ | Δ | γ | Δ | γ | Δ | γ | Δ | γ | Δ | γ | Δ | γ | Δ | γ | Δ | γ | Δ | γ |
| 650 N | 1340 | 1000 | 65 | 58 | 77 | 67 | 79 | 75 | 85 | 78 | 85 | 78 | 84 | 76 | 78 | 69 | 65 | 57 | 90 | 83 |
| 650 L | 870 | 650 | 56 | 50 | 62 | 59 | 71 | 65 | 72 | 65 | 74 | 68 | 71 | 64 | 64 | 58 | 51 | 44 | 78 | 72 |
| 650 S | 650 | 490 | 50 | 42 | 58 | 52 | 64 | 57 | 63 | 58 | 66 | 60 | 62 | 54 | 54 | 46 | 40 | 9 | 71 | 64 |
| 650 E | 560 | 350 | 47 | 43 | 54 | 46 | 61 | 48 | 61 | 50 | 63 | 50 | 58 | 45 | 50 | 35 | 36 | 9 | 67 | 55 |

ΔL_{PA} [dB(A)]



Der angegebene Schalldruckpegel ist der (nach EN 13487) rechnerisch ermittelte Schalldruckpegel auf einer zur Referenz umhüllenden in 10 m Abstand parallelen Quaderfläche. Das Nomogramm zur Bestimmung der Schalldruckpegeländerung ΔL_{PA} basiert auf der Änderung des Abstandes d eines quaderförmig umhüllenden Bereiches zu der referenzumhüllenden Quaderfläche. (Standardverfahren zur Berechnung des Schalldruckpegels; Anhang C; EN 13487)

The indicated sound pressure level is based on the calculation (according to EN 13478) of the sound pressure level on the surface of a cuboid area which is at 10 meters distance and parallel to the referential envelope of the sound source. The nomogram for the determination of the difference in the sound pressure level ΔL_{PA} is based on shifting the distance d of the cuboid area in relation to the referential envelope. (standard procedure for the calculation of the sound pressure level; Annex C EN 13487)

| Summierung der Schalleistungen bei mehreren Ventilatoren. Sum of noise powers in case of several fans. | | | | | | |
|---|---|---|---|---|---|---|
| Anzahl der Ventilatoren Number of fans | 2 | 3 | 4 | 5 | 6 | 8 |
| Schallzunahme Sound increase ΔdB | 3 | 5 | 6 | 7 | 8 | 9 |

Leistungstabellen
AGVH/V .../...-N
Gewichte und Maße

Capacity tables
AGVH/V .../...-N
Weights and Measures

| AGVH/V .../...-N - 1 reihig - 1 row | | | | | | | | | | | | |
|-------------------------------------|--|------|--|-------------------|--|------|--|-----|--|-----------------------|--|-----------------------|
| Typ Type | \dot{Q}_{cN} Nennleistung Nominal capacity | | \dot{V}_L Luftvolumenstrom Air volume flow | | aufgenommene el. Leistung consumed power | | Schalldruck- pegel Sound pressure level | | Strang- Anzahl Number of passes | Gewicht Weight | Rohr- volumen Tube volume | Fläche Surface |
| | $\Delta t = 15\text{ K}$ | | | | $P_{el\ total}$ | | | | | | | |
| | Δ | Y | Δ | Y | Δ | Y | Δ | Y | | | | |
| | kW | kW | m ³ /h | m ³ /h | kW | kW | dB(A)10m | | | kg | l | m ² |
| 080.3A/1 | 83,6 | 69,0 | 19000 | 14700 | 1,7 | 1,1 | 48 | 41 | 6 | 359 | 26 | 245 |
| 080.3B/1 | 91,7 | 75,4 | 20300 | 15800 | 1,7 | 1,1 | 48 | 41 | 11 | 406 | 31 | 296 |
| 080.3A/2 | 165 | 136 | 38000 | 29400 | 3,5 | 2,3 | 51 | 44 | 22 | 616 | 50 | 490 |
| 080.3B/2 | 183 | 151 | 40600 | 31600 | 3,4 | 2,3 | 51 | 44 | 22 | 711 | 59 | 593 |
| 080.3A/3 | 251 | 207 | 57000 | 44100 | 5,2 | 3,4 | 53 | 46 | 22 | 848 | 74 | 735 |
| 080.3B/3 | 277 | 228 | 60900 | 47400 | 5,1 | 3,4 | 53 | 46 | 22 | 984 | 88 | 889 |
| 080.3A/4 | 334 | 275 | 76000 | 58800 | 6,9 | 4,6 | 54 | 47 | 33 | 1125 | 99 | 979 |
| 080.3B/4 | 370 | 304 | 81200 | 63200 | 6,8 | 4,6 | 53 | 46 | 33 | 1312 | 118 | 1186 |
| 080.3A/5 | 419 | 348 | 95000 | 73500 | 8,7 | 5,7 | 54 | 47 | 33 | 1414 | 121 | 1224 |
| 080.3B/5 | 462 | 381 | 101500 | 79000 | 8,6 | 5,7 | 54 | 47 | 33 | 1665 | 145 | 1482 |
| 080.3A/6 | 501 | 414 | 114000 | 88200 | 10,4 | 6,8 | 55 | 48 | 33 | 1699 | 146 | 1469 |
| 080.3C/1 | 97,4 | 79,7 | 21000 | 16300 | 1,7 | 1,1 | 48 | 41 | 10 | 427 | 36 | 334 |
| 080.3D/1 | 105 | 86,5 | 21800 | 17200 | 1,7 | 1,1 | 48 | 41 | 10 | 486 | 43 | 404 |
| 080.3C/2 | 195 | 160 | 42000 | 32600 | 3,4 | 2,3 | 51 | 44 | 18 | 741 | 70 | 668 |
| 080.3D/2 | 210 | 173 | 43600 | 34400 | 3,3 | 2,2 | 51 | 44 | 18 | 862 | 83 | 808 |
| 080.3C/3 | 292 | 239 | 63000 | 48900 | 5,1 | 3,4 | 53 | 46 | 30 | 1032 | 101 | 1002 |
| 080.3D/3 | 314 | 260 | 65400 | 51600 | 5,0 | 3,4 | 52 | 45 | 30 | 1208 | 123 | 1212 |
| 080.3C/4 | 390 | 320 | 84000 | 65200 | 6,8 | 4,5 | 54 | 47 | 30 | 1372 | 134 | 1335 |
| 080.3D/4 | 419 | 345 | 87200 | 68800 | 6,7 | 4,5 | 53 | 46 | 45 | 1613 | 161 | 1617 |
| 080.3C/5 | 488 | 400 | 105000 | 81500 | 8,5 | 5,7 | 54 | 47 | 45 | 1724 | 168 | 1669 |
| 080.3D/5 | 524 | 433 | 109000 | 86000 | 8,4 | 5,6 | 54 | 47 | 45 | 2037 | 201 | 2021 |
| 080.3C/6 | 585 | 480 | 126000 | 97800 | 10,1 | 6,8 | 55 | 48 | 45 | 2069 | 199 | 2003 |
| 090.2A/1 | 108 | 93,6 | 27600 | 22600 | 3,6 | 2,4 | 57 | 51 | 11 | 334 | 26 | 245 |
| 090.2B/1 | 121 | 103 | 29800 | 23600 | 3,5 | 2,4 | 57 | 51 | 11 | 371 | 32 | 296 |
| 090.2A/2 | 215 | 187 | 55200 | 45200 | 7,2 | 4,8 | 60 | 54 | 22 | 566 | 51 | 490 |
| 090.2B/2 | 243 | 205 | 59600 | 47200 | 7,1 | 4,7 | 60 | 54 | 22 | 641 | 61 | 593 |
| 090.2A/3 | 326 | 285 | 82800 | 67800 | 10,7 | 7,2 | 62 | 56 | 22 | 770 | 76 | 735 |
| 090.2B/3 | 364 | 308 | 89400 | 70800 | 10,6 | 7,1 | 61 | 55 | 33 | 876 | 90 | 889 |
| 090.2A/4 | 435 | 379 | 110400 | 90400 | 14,3 | 9,6 | 63 | 57 | 33 | 1019 | 99 | 979 |
| 090.2B/4 | 487 | 413 | 119200 | 94400 | 14,2 | 9,5 | 62 | 56 | 33 | 1165 | 118 | 1186 |
| 090.2A/5 | 542 | 474 | 138000 | 113000 | 17,9 | 12,0 | 63 | 57 | 33 | 1281 | 123 | 1224 |
| 090.2B/5 | 602 | 509 | 149000 | 118000 | 17,7 | 11,9 | 63 | 57 | 66 | 1469 | 147 | 1482 |
| 090.2A/6 | 645 | 561 | 165600 | 135600 | 21,5 | 14,4 | 64 | 58 | 66 | 1528 | 146 | 1469 |
| 090.2C/1 | 130 | 110 | 31000 | 24800 | 3,5 | 2,4 | 57 | 51 | 10 | 450 | 37 | 334 |
| 090.2D/1 | 142 | 121 | 32500 | 26200 | 3,5 | 2,3 | 57 | 51 | 10 | 509 | 43 | 404 |
| 090.2C/2 | 260 | 221 | 62000 | 49600 | 7,1 | 4,7 | 60 | 54 | 18 | 785 | 70 | 668 |
| 090.2D/2 | 282 | 240 | 65000 | 52400 | 7,0 | 4,6 | 60 | 54 | 30 | 906 | 83 | 808 |
| 090.2C/3 | 390 | 332 | 93000 | 74400 | 10,6 | 7,1 | 62 | 56 | 30 | 1099 | 103 | 1002 |
| 090.2D/3 | 425 | 363 | 97500 | 78600 | 10,6 | 6,9 | 61 | 55 | 30 | 1275 | 123 | 1212 |
| 090.2C/4 | 519 | 441 | 124000 | 99200 | 14,2 | 9,4 | 63 | 57 | 45 | 1461 | 137 | 1335 |
| 090.2D/4 | 568 | 484 | 130000 | 104800 | 14,1 | 9,2 | 62 | 56 | 45 | 1702 | 163 | 1617 |
| 090.2C/5 | 650 | 553 | 155000 | 124000 | 17,7 | 11,8 | 63 | 57 | 45 | 1836 | 168 | 1669 |
| 090.2D/5 | 707 | 610 | 162500 | 131000 | 17,6 | 11,5 | 63 | 57 | 45 | 2149 | 200 | 2021 |
| 090.2C/6 | 769 | 653 | 186000 | 148800 | 21,2 | 14,2 | 64 | 58 | 90 | 2203 | 199 | 2003 |
| 100.2A/1 | 93,8 | 76,4 | 22500 | 17000 | 2,2 | 1,5 | 55 | 50 | 8 | 334 | 26 | 245 |
| 100.2B/1 | 108 | 88,9 | 25250 | 19500 | 2,1 | 1,5 | 55 | 50 | 11 | 371 | 31 | 296 |
| 100.2A/2 | 187 | 152 | 45000 | 34000 | 4,4 | 3,0 | 58 | 53 | 22 | 566 | 50 | 490 |
| 100.2B/2 | 216 | 178 | 50500 | 39000 | 4,3 | 3,0 | 58 | 53 | 22 | 641 | 61 | 593 |
| 100.2A/3 | 284 | 231 | 67500 | 51000 | 6,5 | 4,4 | 60 | 55 | 22 | 770 | 74 | 735 |
| 100.2B/3 | 324 | 267 | 75750 | 58500 | 6,4 | 4,4 | 60 | 55 | 33 | 876 | 90 | 889 |
| 100.2A/4 | 378 | 307 | 90000 | 68000 | 8,7 | 5,9 | 61 | 56 | 33 | 1019 | 99 | 979 |
| 100.2B/4 | 434 | 359 | 101000 | 78000 | 8,5 | 5,9 | 60 | 55 | 33 | 1165 | 118 | 1186 |
| 100.2A/5 | 473 | 386 | 112500 | 85000 | 10,9 | 7,4 | 61 | 56 | 33 | 1281 | 121 | 1224 |
| 100.2B/5 | 535 | 441 | 126250 | 97500 | 10,7 | 7,4 | 61 | 56 | 66 | 1469 | 147 | 1482 |
| 100.2A/6 | 560 | 455 | 135000 | 102000 | 13,1 | 8,9 | 62 | 57 | 66 | 1528 | 146 | 1469 |
| 100.2C/1 | 116 | 95,6 | 26500 | 20500 | 2,1 | 1,5 | 55 | 50 | 10 | 450 | 36 | 334 |
| 100.2D/1 | 129 | 107 | 28500 | 22500 | 2,1 | 1,5 | 55 | 50 | 10 | 509 | 43 | 404 |
| 100.2C/2 | 232 | 192 | 53000 | 41000 | 4,2 | 2,9 | 58 | 53 | 18 | 785 | 70 | 668 |
| 100.2D/2 | 257 | 215 | 57000 | 45000 | 4,2 | 2,9 | 58 | 53 | 18 | 906 | 83 | 808 |
| 100.2C/3 | 348 | 287 | 79500 | 61500 | 6,3 | 4,4 | 60 | 55 | 30 | 1099 | 103 | 1002 |
| 100.2D/3 | 387 | 322 | 85500 | 67500 | 6,3 | 4,4 | 59 | 54 | 30 | 1275 | 123 | 1212 |
| 100.2C/4 | 463 | 382 | 106000 | 82000 | 8,4 | 5,9 | 61 | 56 | 45 | 1461 | 134 | 1335 |
| 100.2D/4 | 515 | 429 | 114000 | 90000 | 8,4 | 5,8 | 60 | 55 | 45 | 1702 | 161 | 1617 |
| 100.2C/5 | 581 | 479 | 132500 | 102500 | 10,6 | 7,4 | 61 | 56 | 45 | 1836 | 168 | 1669 |
| 100.2D/5 | 643 | 537 | 142500 | 112500 | 10,5 | 7,3 | 61 | 56 | 45 | 2149 | 201 | 2021 |
| 100.2C/6 | 686 | 565 | 159000 | 123000 | 12,7 | 8,8 | 62 | 57 | 90 | 2203 | 199 | 2003 |

Technische Daten aller Ventilatoren siehe Tabelle Seite 28. / Technical data for all fans see table page 28.

Leistungstabellen
AGVH/V .../...-M
Gewichte und Maße

Capacity tables
AGVH/V .../...-M
Weights and Measures

AGVH/V .../...-M - 1 reihig - 1 row

| Typ Type | \dot{Q}_{CN} Nennleistung Nominal capacity | | \dot{V}_L Luftvolumenstrom Air volume flow | | aufgenommene el. Leistung consumed power | | Schalldruck- pegel Sound pressure level | | Strang- Anzahl Number of passes | Gewicht Weight | Rohr- volumen Tube volume | Fläche Surface |
|-----------------|--|------|--|-------------------|--|-----|--|-----|--|-----------------------|--|-----------------------|
| | $\Delta t = 15\text{ K}$ | | | | $P_{el\ total}$ | | | | | | | |
| | Δ | Y | Δ | Y | Δ | Y | Δ | Y | | | | |
| | kW | kW | m ³ /h | m ³ /h | kW | kW | dB(A)10m | | | kg | l | m ² |
| 080.3A/1 | 76,0 | 54,8 | 16700 | 11000 | 1,4 | 0,7 | 45 | 35 | 6 | 359 | 26 | 245 |
| 080.3B/1 | 83,6 | 60,5 | 17900 | 11900 | 1,4 | 0,7 | 45 | 35 | 6 | 406 | 31 | 296 |
| 080.3A/2 | 152 | 110 | 33400 | 22000 | 2,9 | 1,5 | 48 | 38 | 11 | 616 | 50 | 490 |
| 080.3B/2 | 166 | 120 | 35800 | 23800 | 2,8 | 1,4 | 48 | 38 | 22 | 711 | 59 | 593 |
| 080.3A/3 | 228 | 164 | 50100 | 33000 | 4,3 | 2,2 | 50 | 40 | 22 | 848 | 74 | 735 |
| 080.3B/3 | 252 | 181 | 53700 | 35700 | 4,3 | 2,2 | 50 | 40 | 22 | 984 | 88 | 889 |
| 080.3A/4 | 304 | 219 | 66800 | 44000 | 5,7 | 2,9 | 51 | 41 | 22 | 1125 | 99 | 979 |
| 080.3B/4 | 336 | 241 | 71600 | 47600 | 5,7 | 2,9 | 50 | 40 | 33 | 1312 | 118 | 1186 |
| 080.3A/5 | 381 | 274 | 83500 | 55000 | 7,2 | 3,7 | 51 | 41 | 33 | 1414 | 121 | 1224 |
| 080.3B/5 | 420 | 303 | 89500 | 59500 | 7,1 | 3,6 | 51 | 41 | 33 | 1665 | 145 | 1482 |
| 080.3A/6 | 456 | 329 | 100200 | 66000 | 8,6 | 4,4 | 52 | 42 | 33 | 1699 | 144 | 1469 |
| 080.3C/1 | 88,6 | 63,5 | 18600 | 12400 | 1,4 | 0,7 | 45 | 35 | 10 | 427 | 36 | 334 |
| 080.3D/1 | 94,5 | 67,6 | 19400 | 13000 | 1,4 | 0,7 | 45 | 35 | 15 | 486 | 43 | 404 |
| 080.3C/2 | 178 | 128 | 37200 | 24800 | 2,8 | 1,4 | 48 | 38 | 15 | 741 | 68 | 668 |
| 080.3D/2 | 189 | 135 | 38800 | 26000 | 2,8 | 1,4 | 48 | 38 | 30 | 862 | 81 | 808 |
| 080.3C/3 | 266 | 190 | 55800 | 37200 | 4,2 | 2,2 | 50 | 40 | 30 | 1032 | 101 | 1002 |
| 080.3D/3 | 283 | 203 | 58200 | 39000 | 4,1 | 2,2 | 49 | 39 | 45 | 1208 | 120 | 1212 |
| 080.3C/4 | 355 | 255 | 74400 | 49600 | 5,6 | 2,9 | 51 | 41 | 30 | 1372 | 134 | 1335 |
| 080.3D/4 | 370 | 265 | 77600 | 52000 | 5,5 | 2,9 | 50 | 40 | 90 | 1613 | 161 | 1617 |
| 080.3C/5 | 444 | 318 | 93000 | 62000 | 7,0 | 3,6 | 51 | 41 | 45 | 1724 | 166 | 1669 |
| 080.3D/5 | 469 | 336 | 97000 | 65000 | 6,9 | 3,6 | 51 | 41 | 90 | 2037 | 198 | 2021 |
| 080.3C/6 | 533 | 383 | 111600 | 74400 | 8,4 | 4,3 | 52 | 42 | 45 | 2069 | 199 | 2003 |
| 090.2A/1 | 95,4 | 73,1 | 23200 | 16200 | 2,8 | 1,5 | 54 | 46 | 11 | 382 | 26 | 245 |
| 090.2B/1 | 107 | 81,8 | 25100 | 17500 | 2,7 | 1,5 | 54 | 46 | 11 | 429 | 31 | 296 |
| 090.2A/2 | 191 | 146 | 46400 | 32400 | 5,6 | 3,0 | 57 | 49 | 22 | 661 | 51 | 490 |
| 090.2B/2 | 215 | 164 | 50200 | 35000 | 5,4 | 3,0 | 57 | 49 | 22 | 756 | 61 | 593 |
| 090.2A/3 | 290 | 223 | 69600 | 48600 | 8,3 | 4,5 | 59 | 51 | 22 | 915 | 74 | 735 |
| 090.2B/3 | 324 | 248 | 75300 | 52500 | 8,2 | 4,5 | 58 | 50 | 22 | 1051 | 90 | 889 |
| 090.2A/4 | 386 | 296 | 92800 | 64800 | 11,1 | 6,0 | 60 | 52 | 33 | 1215 | 99 | 979 |
| 090.2B/4 | 432 | 332 | 100400 | 70000 | 10,9 | 6,0 | 59 | 51 | 33 | 1402 | 118 | 1186 |
| 090.2A/5 | 483 | 372 | 116000 | 81000 | 13,9 | 7,5 | 60 | 52 | 33 | 1525 | 121 | 1224 |
| 090.2B/5 | 532 | 406 | 125500 | 87500 | 13,6 | 7,5 | 60 | 52 | 66 | 1777 | 147 | 1482 |
| 090.2A/6 | 572 | 439 | 139200 | 97200 | 16,7 | 9,0 | 61 | 53 | 66 | 1833 | 146 | 1469 |
| 090.2C/1 | 115 | 88,6 | 26200 | 18600 | 2,7 | 1,5 | 54 | 46 | 10 | 450 | 36 | 334 |
| 090.2D/1 | 126 | 97,0 | 27800 | 19800 | 2,7 | 1,5 | 54 | 46 | 10 | 509 | 43 | 404 |
| 090.2C/2 | 230 | 177 | 52400 | 37200 | 5,4 | 3,0 | 57 | 49 | 18 | 785 | 70 | 668 |
| 090.2D/2 | 252 | 194 | 55600 | 39600 | 5,4 | 3,0 | 57 | 49 | 18 | 906 | 83 | 808 |
| 090.2C/3 | 345 | 266 | 78600 | 55800 | 8,1 | 4,5 | 59 | 51 | 30 | 1099 | 103 | 1002 |
| 090.2D/3 | 380 | 291 | 83400 | 59400 | 8,0 | 4,5 | 58 | 50 | 30 | 1275 | 123 | 1212 |
| 090.2C/4 | 459 | 353 | 104800 | 74400 | 10,8 | 6,0 | 60 | 52 | 45 | 1461 | 134 | 1335 |
| 090.2D/4 | 506 | 388 | 111200 | 79200 | 10,7 | 6,0 | 59 | 51 | 45 | 1702 | 163 | 1617 |
| 090.2C/5 | 576 | 444 | 131000 | 93000 | 13,6 | 7,5 | 60 | 52 | 45 | 1836 | 168 | 1669 |
| 090.2D/5 | 631 | 486 | 139000 | 99000 | 13,4 | 7,5 | 60 | 52 | 45 | 2149 | 201 | 2021 |
| 090.2C/6 | 689 | 533 | 157200 | 111600 | 16,3 | 8,9 | 61 | 53 | 45 | 2203 | 199 | 2003 |

Technische Daten aller Ventilatoren siehe Tabelle Seite 28. / Technical data for all fans see table page 28.

Leistungstabellen
AGVH/V .../...-L
Gewichte und Maße

Capacity tables
AGVH/V .../...-L
Weights and Measures

| AGVH/V .../...-L - 1 reihig - 1 row | | | | | | | | | | | | |
|-------------------------------------|--|------------|--|------------|--|------------|--|------------|--|-----------------------|--|-----------------------|
| Typ Type | \dot{Q}_{cN} Nennleistung Nominal capacity | | \dot{V}_L Luftvolumenstrom Air volume flow | | aufgenommene el. Leistung consumed power | | Schalldruck- pegel Sound pressure level | | Strang- Anzahl Number of passes | Gewicht Weight | Rohr- volumen Tube volume | Fläche Surface |
| | $\Delta t = 15\text{ K}$ | | | | $P_{el\ total}$ | | | | | | | |
| | Δ | Υ | Δ | Υ | Δ | Υ | Δ | Υ | | | | |
| | kW | kW | m³/h | m³/h | kW | kW | dB(A)10m | | | kg | l | m² |
| 080.3A/1 | 5,7 | 53,2 | 13800 | 10600 | 0,8 | 1,1 | 41 | 35 | 6 | 359 | 26 | 245 |
| 080.3B/1 | 72,2 | 58,8 | 14800 | 11500 | 0,8 | 1,1 | 41 | 35 | 6 | 406 | 31 | 296 |
| 080.3A/2 | 131 | 106 | 27600 | 21200 | 1,6 | 2,3 | 44 | 38 | 11 | 616 | 50 | 490 |
| 080.3B/2 | 144 | 118 | 29600 | 23000 | 1,5 | 2,3 | 44 | 38 | 11 | 711 | 59 | 593 |
| 080.3A/3 | 197 | 159 | 41400 | 31800 | 2,3 | 3,4 | 46 | 40 | 22 | 848 | 74 | 735 |
| 080.3B/3 | 217 | 176 | 44400 | 34500 | 2,3 | 3,4 | 46 | 40 | 22 | 984 | 88 | 889 |
| 080.3A/4 | 263 | 213 | 55200 | 42400 | 3,1 | 4,6 | 47 | 41 | 22 | 1125 | 97 | 979 |
| 080.3B/4 | 289 | 234 | 59200 | 46000 | 3,1 | 4,6 | 46 | 40 | 33 | 1312 | 118 | 1186 |
| 080.3A/5 | 329 | 266 | 69000 | 53000 | 3,9 | 5,7 | 47 | 41 | 33 | 1414 | 121 | 1224 |
| 080.3B/5 | 362 | 294 | 74000 | 57500 | 3,9 | 5,7 | 47 | 41 | 33 | 1665 | 145 | 1482 |
| 080.3A/6 | 394 | 319 | 82800 | 63600 | 4,7 | 6,8 | 48 | 42 | 33 | 1699 | 144 | 1469 |
| 080.3C/1 | 75,7 | 61,3 | 15300 | 11900 | 0,8 | 1,1 | 41 | 35 | 10 | 427 | 35 | 334 |
| 080.3D/1 | 81,4 | 66,0 | 16000 | 12500 | 0,8 | 1,1 | 41 | 35 | 10 | 486 | 43 | 404 |
| 080.3C/2 | 152 | 123 | 30600 | 23800 | 1,5 | 2,3 | 44 | 38 | 15 | 741 | 68 | 668 |
| 080.3D/2 | 163 | 132 | 32000 | 25000 | 1,5 | 2,2 | 44 | 38 | 18 | 862 | 81 | 808 |
| 080.3C/3 | 227 | 184 | 45900 | 35700 | 2,3 | 3,4 | 46 | 40 | 30 | 1032 | 101 | 1002 |
| 080.3D/3 | 244 | 198 | 48000 | 37500 | 2,3 | 3,4 | 45 | 39 | 30 | 1208 | 120 | 1212 |
| 080.3C/4 | 304 | 247 | 61200 | 47600 | 3,0 | 4,5 | 47 | 41 | 30 | 1372 | 134 | 1335 |
| 080.3D/4 | 326 | 265 | 64000 | 50000 | 3,0 | 4,5 | 46 | 40 | 30 | 1613 | 161 | 1617 |
| 080.3C/5 | 379 | 307 | 76500 | 59500 | 3,8 | 5,7 | 47 | 41 | 45 | 1724 | 166 | 1669 |
| 080.3D/5 | 408 | 331 | 80000 | 62500 | 3,8 | 5,6 | 47 | 41 | 45 | 2037 | 198 | 2021 |
| 080.3C/6 | 456 | 370 | 91800 | 71400 | 4,6 | 6,8 | 48 | 42 | 45 | 2069 | 197 | 2003 |
| 090.2A/1 | 64,6 | 44,6 | 13500 | 8600 | 0,7 | 2,4 | 43 | 31 | 6 | 360 | 26 | 245 |
| 090.2B/1 | 70,0 | 48,6 | 14400 | 9300 | 0,7 | 2,4 | 43 | 31 | 11 | 407 | 31 | 296 |
| 090.2A/2 | 129 | 89,3 | 27000 | 17200 | 1,5 | 4,8 | 46 | 34 | 11 | 617 | 50 | 490 |
| 090.2B/2 | 140 | 97,1 | 28800 | 18600 | 1,5 | 4,7 | 46 | 34 | 22 | 712 | 59 | 593 |
| 090.2A/3 | 193 | 133 | 40500 | 25800 | 2,2 | 7,2 | 48 | 36 | 22 | 849 | 74 | 735 |
| 090.2B/3 | 210 | 146 | 43200 | 27900 | 2,2 | 7,1 | 47 | 35 | 33 | 985 | 88 | 889 |
| 090.2A/4 | 259 | 179 | 54000 | 34400 | 3,0 | 9,6 | 49 | 37 | 22 | 1127 | 97 | 979 |
| 090.2B/4 | 274 | 191 | 57600 | 37200 | 2,9 | 9,5 | 48 | 36 | 66 | 1314 | 116 | 1186 |
| 090.2A/5 | 323 | 223 | 67500 | 43000 | 3,7 | 12,0 | 49 | 37 | 33 | 1415 | 121 | 1224 |
| 090.2B/5 | 347 | 241 | 72000 | 46500 | 3,7 | 11,9 | 49 | 37 | 66 | 1667 | 145 | 1482 |
| 090.2A/6 | 388 | 268 | 81000 | 51600 | 4,4 | 14,4 | 50 | 38 | 33 | 1701 | 144 | 1469 |
| 090.2C/1 | 63,4 | 44,8 | 15700 | 9800 | 0,7 | 2,4 | 43 | 31 | 5 | 369 | 24 | 223 |
| 090.2D/1 | 68,1 | 48,5 | 16200 | 10300 | 0,7 | 2,3 | 43 | 31 | 5 | 415 | 28 | 269 |
| 090.2C/2 | 127 | 89,3 | 31400 | 19600 | 1,4 | 4,7 | 46 | 34 | 12 | 623 | 46 | 445 |
| 090.2D/2 | 137 | 97,0 | 32400 | 20600 | 1,4 | 4,6 | 46 | 34 | 12 | 717 | 55 | 539 |
| 090.2C/3 | 190 | 134 | 47100 | 29400 | 2,1 | 7,1 | 48 | 36 | 15 | 851 | 69 | 668 |
| 090.2D/3 | 206 | 145 | 48600 | 30900 | 2,0 | 6,9 | 47 | 35 | 20 | 984 | 82 | 808 |
| 090.2C/4 | 254 | 179 | 62800 | 39200 | 2,8 | 9,4 | 49 | 37 | 20 | 1126 | 89 | 890 |
| 090.2D/4 | 274 | 193 | 64800 | 41200 | 2,7 | 9,2 | 48 | 36 | 30 | 1310 | 107 | 1078 |
| 090.2C/5 | 318 | 223 | 78500 | 49000 | 3,5 | 11,8 | 49 | 37 | 30 | 1413 | 113 | 1113 |
| 090.2D/5 | 343 | 243 | 81000 | 51500 | 3,4 | 11,5 | 49 | 37 | 30 | 1654 | 135 | 1347 |
| 090.2C/6 | 381 | 269 | 94200 | 58800 | 4,2 | 14,2 | 50 | 38 | 30 | 1689 | 134 | 1335 |
| 100.2A/1 | 80,4 | 59,7 | 18000 | 12250 | 1,2 | 1,5 | 50 | 43 | 6 | 360 | 26 | 245 |
| 100.2B/1 | 90,8 | 68,7 | 20000 | 14000 | 1,2 | 1,5 | 50 | 43 | 8 | 407 | 31 | 296 |
| 100.2A/2 | 160 | 119 | 36000 | 24500 | 2,4 | 3,0 | 53 | 46 | 11 | 617 | 50 | 490 |
| 100.2B/2 | 182 | 138 | 40000 | 28000 | 2,4 | 3,0 | 53 | 46 | 13 | 712 | 59 | 593 |
| 100.2A/3 | 241 | 179 | 54000 | 36750 | 3,6 | 4,4 | 55 | 48 | 22 | 849 | 74 | 735 |
| 100.2B/3 | 274 | 207 | 60000 | 42000 | 3,6 | 4,4 | 55 | 48 | 22 | 985 | 88 | 889 |
| 100.2A/4 | 321 | 239 | 72000 | 49000 | 4,8 | 5,9 | 56 | 49 | 22 | 1127 | 99 | 979 |
| 100.2B/4 | 366 | 276 | 80000 | 56000 | 4,8 | 5,9 | 55 | 48 | 33 | 1314 | 118 | 1186 |
| 100.2A/5 | 403 | 298 | 90000 | 61250 | 6,0 | 7,4 | 56 | 49 | 33 | 1415 | 121 | 1224 |
| 100.2B/5 | 457 | 346 | 100000 | 70000 | 6,0 | 7,4 | 56 | 49 | 33 | 1667 | 145 | 1482 |
| 100.2A/6 | 482 | 359 | 108000 | 73500 | 7,2 | 8,9 | 57 | 50 | 33 | 1701 | 144 | 1469 |
| 100.2C/1 | 80,5 | 64,3 | 23000 | 16500 | 1,2 | 1,5 | 50 | 43 | 6 | 369 | 25 | 223 |
| 100.2D/1 | 88,2 | 70,9 | 24100 | 17500 | 1,2 | 1,5 | 50 | 43 | 6 | 415 | 29 | 404 |
| 100.2C/2 | 164 | 131 | 46000 | 33000 | 2,3 | 2,9 | 53 | 46 | 10 | 623 | 46 | 445 |
| 100.2D/2 | 181 | 145 | 48200 | 35000 | 2,3 | 2,9 | 53 | 46 | 12 | 717 | 57 | 808 |
| 100.2C/3 | 248 | 197 | 69000 | 49500 | 3,5 | 4,4 | 55 | 48 | 20 | 851 | 69 | 668 |
| 100.2D/3 | 272 | 218 | 72300 | 52500 | 3,5 | 4,4 | 54 | 47 | 20 | 984 | 84 | 1212 |
| 100.2C/4 | 328 | 263 | 92000 | 66000 | 4,6 | 5,9 | 56 | 49 | 20 | 1126 | 92 | 890 |
| 100.2D/4 | 356 | 288 | 96400 | 70000 | 4,6 | 5,8 | 55 | 48 | 20 | 1310 | 110 | 1617 |
| 100.2C/5 | 413 | 329 | 115000 | 82500 | 5,8 | 7,4 | 56 | 49 | 30 | 1413 | 113 | 1113 |
| 100.2D/5 | 452 | 362 | 120500 | 87500 | 5,8 | 7,3 | 56 | 49 | 30 | 1654 | 137 | 2021 |
| 100.2C/6 | 492 | 395 | 138000 | 99000 | 6,9 | 8,8 | 57 | 50 | 30 | 1689 | 136 | 1335 |

Technische Daten aller Ventilatoren siehe Tabelle Seite 28. / Technical data for all fans see table page 28.

Leistungstabellen
AGVH/V .../...-S
Gewichte und Maße

Capacity tables
AGVH/V .../...-S
Weights and Measures

AGVH/V .../...-S - 1 reihig - 1 row

| Typ Type | \dot{Q}_{CN} Nennleistung Nominal capacity | | \dot{V}_L Luftvolumenstrom Air volume flow | | aufgenommene el. Leistung consumed power | | Schalldruck- pegel Sound pressure level | | Strang- Anzahl Number of passes | Gewicht Weight | Rohr- volumen Tube volume | Fläche Surface |
|-----------------|--|------------|--|------------|--|------------|--|------------|--|-----------------------|--|-----------------------|
| | $\Delta t = 15 K$ | | | | $P_{el} total$ | | | | | | | |
| | Δ | Υ | Δ | Υ | Δ | Υ | Δ | Υ | | | | |
| | kW | kW | m³/h | m³/h | kW | kW | dB(A)10m | | | kg | l | m² |
| 080.3A/1 | 40,2 | 33,4 | 9400 | 7350 | 0,3 | 0,2 | 32 | 26 | 4 | 314 | 17 | 163 |
| 080.3B/1 | 44,0 | 36,5 | 9950 | 7800 | 0,3 | 0,2 | 32 | 26 | 4 | 352 | 21 | 198 |
| 080.3A/2 | 79,8 | 66,2 | 18800 | 14700 | 0,6 | 0,4 | 35 | 29 | 11 | 525 | 33 | 326 |
| 080.3B/2 | 87,8 | 72,7 | 19900 | 15600 | 0,6 | 0,4 | 35 | 29 | 11 | 602 | 40 | 395 |
| 080.3A/3 | 121 | 100 | 28200 | 22050 | 0,9 | 0,6 | 37 | 31 | 11 | 709 | 49 | 490 |
| 080.3B/3 | 132 | 109 | 29850 | 23400 | 0,9 | 0,6 | 37 | 31 | 11 | 817 | 59 | 593 |
| 080.3A/4 | 160 | 132 | 37600 | 29400 | 1,2 | 0,7 | 38 | 32 | 22 | 936 | 64 | 653 |
| 080.3B/4 | 176 | 145 | 39800 | 31200 | 1,2 | 0,7 | 37 | 31 | 22 | 1080 | 77 | 790 |
| 080.3A/5 | 201 | 167 | 47000 | 36750 | 1,6 | 0,9 | 38 | 32 | 22 | 1178 | 81 | 816 |
| 080.3B/5 | 220 | 183 | 49750 | 39000 | 1,6 | 0,9 | 38 | 32 | 22 | 1369 | 97 | 988 |
| 080.3A/6 | 241 | 200 | 56400 | 44100 | 1,9 | 1,1 | 39 | 33 | 22 | 1403 | 96 | 979 |
| 080.3C/1 | 46,1 | 38,2 | 10200 | 8000 | 0,3 | 0,2 | 32 | 26 | 5 | 366 | 24 | 223 |
| 080.3D/1 | 49,4 | 41,4 | 10550 | 8450 | 0,3 | 0,2 | 32 | 26 | 5 | 413 | 28 | 269 |
| 080.3C/2 | 92,3 | 76,3 | 20400 | 16000 | 0,6 | 0,4 | 35 | 29 | 10 | 619 | 45 | 445 |
| 080.3D/2 | 98,9 | 82,9 | 21100 | 16900 | 0,6 | 0,4 | 35 | 29 | 10 | 712 | 54 | 539 |
| 080.3C/3 | 138 | 114 | 30600 | 24000 | 0,9 | 0,5 | 37 | 31 | 15 | 844 | 67 | 668 |
| 080.3D/3 | 148 | 124 | 31650 | 25350 | 0,9 | 0,5 | 36 | 30 | 15 | 977 | 80 | 808 |
| 080.3C/4 | 185 | 153 | 40800 | 32000 | 1,2 | 0,7 | 38 | 32 | 20 | 1117 | 89 | 890 |
| 080.3D/4 | 198 | 166 | 42200 | 33800 | 1,2 | 0,7 | 37 | 31 | 20 | 1301 | 107 | 1078 |
| 080.3C/5 | 230 | 190 | 51000 | 40000 | 1,6 | 0,9 | 38 | 32 | 30 | 1401 | 110 | 1113 |
| 080.3D/5 | 247 | 207 | 52750 | 42250 | 1,6 | 0,9 | 38 | 32 | 30 | 1642 | 132 | 1347 |
| 080.3C/6 | 277 | 229 | 61200 | 48000 | 1,9 | 1,1 | 39 | 33 | 30 | 1675 | 131 | 1335 |
| 090.2A/1 | 54,9 | 45,9 | 14600 | 11300 | 0,7 | 0,4 | 41 | 35 | 4 | 320 | 18 | 163 |
| 090.2B/1 | 60,2 | 50,1 | 16000 | 12400 | 0,7 | 0,4 | 41 | 35 | 11 | 359 | 21 | 198 |
| 090.2A/2 | 110 | 91,4 | 29200 | 22600 | 1,4 | 0,9 | 44 | 38 | 11 | 538 | 33 | 326 |
| 090.2B/2 | 124 | 104 | 32000 | 24800 | 1,4 | 0,9 | 44 | 38 | 11 | 614 | 40 | 395 |
| 090.2A/3 | 164 | 138 | 43800 | 33900 | 2,1 | 1,3 | 46 | 40 | 11 | 728 | 49 | 490 |
| 090.2B/3 | 185 | 154 | 48000 | 37200 | 2,1 | 1,3 | 45 | 39 | 22 | 836 | 59 | 593 |
| 090.2A/4 | 219 | 183 | 58400 | 45200 | 2,8 | 1,8 | 47 | 41 | 22 | 961 | 65 | 653 |
| 090.2B/4 | 249 | 207 | 64000 | 49600 | 2,8 | 1,8 | 46 | 40 | 22 | 1105 | 78 | 790 |
| 090.2A/5 | 275 | 230 | 73000 | 56500 | 3,5 | 2,2 | 47 | 41 | 22 | 1209 | 81 | 816 |
| 090.2B/5 | 310 | 259 | 80000 | 62000 | 3,5 | 2,2 | 47 | 41 | 22 | 1400 | 99 | 988 |
| 090.2A/6 | 329 | 276 | 87600 | 67800 | 4,2 | 2,7 | 48 | 42 | 22 | 1441 | 98 | 979 |
| 090.2C/1 | 66,5 | 55,7 | 16800 | 13100 | 0,7 | 0,4 | 41 | 35 | 5 | 373 | 24 | 223 |
| 090.2D/1 | 73,0 | 60,8 | 17900 | 14000 | 0,7 | 0,4 | 41 | 35 | 10 | 419 | 28 | 269 |
| 090.2C/2 | 133 | 111 | 33600 | 26200 | 1,4 | 0,9 | 44 | 38 | 12 | 631 | 46 | 445 |
| 090.2D/2 | 147 | 123 | 35800 | 28000 | 1,4 | 0,9 | 44 | 38 | 15 | 725 | 55 | 539 |
| 090.2C/3 | 200 | 167 | 50400 | 39300 | 2,1 | 1,3 | 46 | 40 | 20 | 863 | 69 | 668 |
| 090.2D/3 | 221 | 184 | 53700 | 42000 | 2,1 | 1,3 | 45 | 39 | 20 | 996 | 82 | 808 |
| 090.2C/4 | 266 | 223 | 67200 | 52400 | 2,8 | 1,8 | 47 | 41 | 20 | 1142 | 89 | 890 |
| 090.2D/4 | 295 | 246 | 71600 | 56000 | 2,8 | 1,7 | 46 | 40 | 30 | 1326 | 107 | 1078 |
| 090.2C/5 | 334 | 278 | 84000 | 65500 | 3,5 | 2,2 | 47 | 41 | 30 | 1433 | 113 | 1113 |
| 090.2D/5 | 368 | 307 | 89500 | 70000 | 3,5 | 2,2 | 47 | 41 | 30 | 1674 | 135 | 1347 |
| 090.2C/6 | 400 | 334 | 100800 | 78600 | 4,2 | 2,6 | 48 | 42 | 30 | 1713 | 134 | 1335 |
| 100.2A/1 | 58,3 | 46,5 | 16000 | 11500 | 0,9 | 0,5 | 42 | 34 | 4 | 320 | 18 | 163 |
| 100.2B/1 | 65,8 | 52,6 | 18000 | 13000 | 0,8 | 0,5 | 42 | 34 | 5 | 359 | 21 | 198 |
| 100.2A/2 | 117 | 92,6 | 32000 | 23000 | 1,7 | 1,0 | 45 | 37 | 11 | 538 | 33 | 326 |
| 100.2B/2 | 135 | 107 | 36000 | 26000 | 1,7 | 1,0 | 45 | 37 | 11 | 614 | 40 | 395 |
| 100.2A/3 | 174 | 138 | 48000 | 34500 | 2,5 | 1,5 | 47 | 39 | 14 | 728 | 49 | 490 |
| 100.2B/3 | 200 | 160 | 54000 | 39000 | 2,5 | 1,5 | 47 | 39 | 14 | 836 | 59 | 593 |
| 100.2A/4 | 234 | 185 | 64000 | 46000 | 3,4 | 2,0 | 48 | 40 | 22 | 961 | 65 | 653 |
| 100.2B/4 | 270 | 214 | 72000 | 52000 | 3,4 | 2,0 | 47 | 39 | 22 | 1105 | 78 | 790 |
| 100.2A/5 | 293 | 233 | 80000 | 57500 | 4,2 | 2,5 | 48 | 40 | 22 | 1209 | 81 | 816 |
| 100.2B/5 | 332 | 263 | 90000 | 65000 | 4,2 | 2,5 | 48 | 40 | 44 | 1400 | 99 | 988 |
| 100.2A/6 | 346 | 274 | 96000 | 69000 | 5,0 | 2,9 | 49 | 41 | 44 | 1441 | 98 | 979 |
| 100.2C/1 | 72,3 | 57,7 | 19000 | 13750 | 0,8 | 0,5 | 42 | 34 | 5 | 373 | 24 | 223 |
| 100.2D/1 | 80,9 | 64,7 | 20500 | 15000 | 0,8 | 0,5 | 42 | 34 | 6 | 419 | 28 | 269 |
| 100.2C/2 | 145 | 115 | 38000 | 27500 | 1,6 | 1,0 | 45 | 37 | 10 | 631 | 46 | 445 |
| 100.2D/2 | 162 | 129 | 41000 | 30000 | 1,6 | 1,0 | 45 | 37 | 12 | 725 | 55 | 539 |
| 100.2C/3 | 217 | 173 | 57000 | 41250 | 2,5 | 1,5 | 47 | 39 | 15 | 863 | 69 | 668 |
| 100.2D/3 | 244 | 194 | 61500 | 45000 | 2,5 | 1,4 | 46 | 38 | 20 | 996 | 82 | 808 |
| 100.2C/4 | 290 | 231 | 76000 | 55000 | 3,3 | 2,0 | 48 | 40 | 20 | 1142 | 89 | 890 |
| 100.2D/4 | 325 | 258 | 82000 | 60000 | 3,3 | 1,9 | 47 | 39 | 30 | 1326 | 110 | 1078 |
| 100.2C/5 | 363 | 289 | 95000 | 68750 | 4,1 | 2,5 | 48 | 40 | 30 | 1433 | 113 | 1113 |
| 100.2D/5 | 405 | 324 | 102500 | 75000 | 4,1 | 2,4 | 48 | 40 | 30 | 1674 | 135 | 1347 |
| 100.2C/6 | 435 | 346 | 114000 | 82500 | 4,9 | 2,9 | 49 | 41 | 30 | 1713 | 134 | 1335 |

Technische Daten aller Ventilatoren siehe Tabelle Seite 28. / Technical data for all fans see table page 28.

Leistungstabellen
AGVH/V .../...-E
Gewichte und Maße

Capacity tables
AGVH/V .../...-E
Weights and Measures

| AGVH/V .../...-E - 1 reihig - 1 row | | | | | | | | | | | | |
|-------------------------------------|--|------------|--|------------|--|------------|--|------------|--|-----------------------|--|-----------------------|
| Typ Type | \dot{Q}_{cN} Nennleistung Nominal capacity | | \dot{V}_L Luftvolumenstrom Air volume flow | | aufgenommene el. Leistung consumed power | | Schalldruck- pegel Sound pressure level | | Strang- Anzahl Number of passes | Gewicht Weight | Rohr- volumen Tube volume | Fläche Surface |
| | $\Delta t = 15\text{ K}$ | | | | $P_{el\ total}$ | | | | | | | |
| | Δ | Υ | Δ | Υ | Δ | Υ | Δ | Υ | | | | |
| | kW | kW | m³/h | m³/h | kW | kW | dB(A)10m | | | kg | l | m² |
| 080.3A/1 | 37,3 | 27,3 | 8500 | 5700 | 0,2 | 0,1 | 29 | 19 | 4 | 314 | 17 | 163 |
| 080.3B/1 | 41,0 | 30,0 | 9050 | 6100 | 0,2 | 0,1 | 29 | 19 | 4 | 352 | 20 | 198 |
| 080.3A/2 | 74,0 | 54,1 | 17000 | 11400 | 0,5 | 0,2 | 32 | 22 | 11 | 525 | 33 | 326 |
| 080.3B/2 | 81,6 | 59,6 | 18100 | 12200 | 0,5 | 0,2 | 32 | 22 | 11 | 602 | 39 | 395 |
| 080.3A/3 | 112 | 82,0 | 25500 | 17100 | 0,7 | 0,3 | 34 | 24 | 11 | 709 | 48 | 490 |
| 080.3B/3 | 123 | 89,9 | 27150 | 18300 | 0,7 | 0,3 | 34 | 24 | 11 | 817 | 59 | 593 |
| 080.3A/4 | 148 | 108,3 | 34000 | 22800 | 0,9 | 0,5 | 35 | 25 | 22 | 936 | 64 | 653 |
| 080.3B/4 | 163 | 119,3 | 36200 | 24400 | 0,9 | 0,5 | 34 | 24 | 22 | 1080 | 77 | 790 |
| 080.3A/5 | 186 | 136,3 | 42500 | 28500 | 1,2 | 0,6 | 35 | 25 | 22 | 1178 | 81 | 816 |
| 080.3B/5 | 205 | 149,8 | 45250 | 30500 | 1,2 | 0,6 | 35 | 25 | 22 | 1369 | 97 | 988 |
| 080.3A/6 | 224 | 164,1 | 51000 | 34200 | 1,4 | 0,7 | 36 | 26 | 22 | 1403 | 96 | 979 |
| 080.3C/1 | 43,0 | 31,4 | 9300 | 6300 | 0,2 | 0,1 | 29 | 19 | 5 | 366 | 24 | 223 |
| 080.3D/1 | 45,9 | 33,6 | 9600 | 6550 | 0,2 | 0,1 | 29 | 19 | 5 | 413 | 28 | 269 |
| 080.3C/2 | 85,9 | 62,8 | 18600 | 12600 | 0,5 | 0,2 | 32 | 22 | 10 | 619 | 45 | 445 |
| 080.3D/2 | 91,8 | 67,1 | 19200 | 13100 | 0,5 | 0,2 | 32 | 22 | 10 | 712 | 54 | 539 |
| 080.3C/3 | 129 | 94,2 | 27900 | 18900 | 0,7 | 0,3 | 34 | 24 | 15 | 844 | 67 | 668 |
| 080.3D/3 | 138 | 100,6 | 28800 | 19650 | 0,7 | 0,3 | 33 | 23 | 15 | 977 | 80 | 808 |
| 080.3C/4 | 172 | 125,9 | 37200 | 25200 | 0,9 | 0,5 | 35 | 25 | 15 | 1117 | 88 | 890 |
| 080.3D/4 | 184 | 134,2 | 38400 | 26200 | 0,9 | 0,5 | 34 | 24 | 20 | 1301 | 105 | 1078 |
| 080.3C/5 | 215 | 157,4 | 46500 | 31500 | 1,2 | 0,6 | 35 | 25 | 20 | 1401 | 110 | 1113 |
| 080.3D/5 | 229 | 167,4 | 48000 | 32750 | 1,2 | 0,6 | 35 | 25 | 30 | 1642 | 132 | 1347 |
| 080.3C/6 | 258 | 188,5 | 55800 | 37800 | 1,4 | 0,7 | 36 | 26 | 30 | 1675 | 131 | 1335 |
| 090.2A/1 | 49,6 | 34,2 | 12600 | 7600 | 0,6 | 0,3 | 37 | 27 | 4 | 288 | 18 | 163 |
| 090.2B/1 | 55,7 | 39,4 | 13800 | 8600 | 0,6 | 0,3 | 37 | 27 | 4 | 320 | 21 | 198 |
| 090.2A/2 | 98,9 | 67,9 | 25200 | 15200 | 1,1 | 0,6 | 40 | 30 | 11 | 475 | 33 | 326 |
| 090.2B/2 | 112 | 78,5 | 27600 | 17200 | 1,1 | 0,6 | 40 | 30 | 11 | 540 | 40 | 395 |
| 090.2A/3 | 149 | 103 | 37800 | 22800 | 1,7 | 0,8 | 42 | 32 | 11 | 645 | 49 | 490 |
| 090.2B/3 | 167 | 117 | 41400 | 25800 | 1,7 | 0,8 | 41 | 31 | 22 | 730 | 59 | 593 |
| 090.2A/4 | 198 | 136 | 50400 | 30400 | 2,2 | 1,1 | 43 | 33 | 22 | 862 | 65 | 653 |
| 090.2B/4 | 224 | 157 | 55200 | 34400 | 2,2 | 1,1 | 42 | 32 | 22 | 985 | 78 | 790 |
| 090.2A/5 | 249 | 171 | 63000 | 38000 | 2,8 | 1,4 | 43 | 33 | 22 | 1081 | 81 | 816 |
| 090.2B/5 | 280 | 197 | 69000 | 43000 | 2,8 | 1,4 | 43 | 33 | 22 | 1239 | 97 | 988 |
| 090.2A/6 | 298 | 206 | 75600 | 45600 | 3,3 | 1,7 | 44 | 34 | 22 | 1240 | 96 | 979 |
| 090.2C/1 | 59,6 | 41,9 | 14400 | 9000 | 0,6 | 0,3 | 37 | 27 | 5 | 373 | 24 | 223 |
| 090.2D/1 | 65,3 | 46,3 | 15300 | 9700 | 0,5 | 0,3 | 37 | 27 | 5 | 419 | 28 | 269 |
| 090.2C/2 | 119 | 83,5 | 28800 | 18000 | 1,1 | 0,6 | 40 | 30 | 12 | 631 | 46 | 445 |
| 090.2D/2 | 131 | 92,5 | 30600 | 19400 | 1,1 | 0,6 | 40 | 30 | 12 | 725 | 55 | 539 |
| 090.2C/3 | 179 | 126 | 43200 | 27000 | 1,7 | 0,8 | 42 | 32 | 15 | 875 | 67 | 668 |
| 090.2D/3 | 197 | 138 | 45900 | 29100 | 1,6 | 0,8 | 41 | 31 | 20 | 1010 | 82 | 808 |
| 090.2C/4 | 239 | 168 | 57600 | 36000 | 2,2 | 1,1 | 43 | 33 | 20 | 1173 | 89 | 890 |
| 090.2D/4 | 262 | 184 | 61200 | 38800 | 2,2 | 1,1 | 42 | 32 | 30 | 1364 | 107 | 1078 |
| 090.2C/5 | 298 | 209 | 72000 | 45000 | 2,8 | 1,4 | 43 | 33 | 30 | 1472 | 113 | 1113 |
| 090.2D/5 | 329 | 231 | 76500 | 48500 | 2,7 | 1,4 | 43 | 33 | 30 | 1716 | 135 | 1347 |
| 090.2C/6 | 358 | 252 | 86400 | 54000 | 3,3 | 1,7 | 44 | 34 | 30 | 1713 | 134 | 1335 |
| 100.2A/1 | 53,3 | 38,1 | 14000 | 8750 | 0,7 | 0,3 | 39 | 30 | 4 | 288 | 18 | 163 |
| 100.2B/1 | 60,2 | 44,2 | 15750 | 10250 | 0,7 | 0,3 | 39 | 30 | 5 | 320 | 21 | 198 |
| 100.2A/2 | 107 | 75,6 | 28000 | 17500 | 1,3 | 0,7 | 42 | 33 | 11 | 475 | 33 | 326 |
| 100.2B/2 | 123 | 89,8 | 31500 | 20500 | 1,3 | 0,7 | 42 | 33 | 11 | 540 | 40 | 395 |
| 100.2A/3 | 160 | 114 | 42000 | 26250 | 2,0 | 1,0 | 44 | 35 | 11 | 645 | 49 | 490 |
| 100.2B/3 | 183 | 134 | 47250 | 30750 | 2,0 | 1,0 | 44 | 35 | 14 | 730 | 59 | 593 |
| 100.2A/4 | 213 | 151 | 56000 | 35000 | 2,7 | 1,4 | 45 | 36 | 22 | 862 | 65 | 653 |
| 100.2B/4 | 246 | 180 | 63000 | 41000 | 2,7 | 1,4 | 44 | 35 | 22 | 985 | 78 | 790 |
| 100.2A/5 | 267 | 190 | 70000 | 43750 | 3,4 | 1,7 | 45 | 36 | 22 | 1081 | 81 | 816 |
| 100.2B/5 | 307 | 225 | 78750 | 51250 | 3,4 | 1,7 | 45 | 36 | 22 | 1239 | 97 | 988 |
| 100.2A/6 | 320 | 229 | 84000 | 52500 | 4,0 | 2,0 | 46 | 37 | 22 | 1240 | 98 | 979 |
| 100.2C/1 | 66,3 | 48,9 | 16750 | 11000 | 0,7 | 0,3 | 39 | 30 | 5 | 373 | 24 | 223 |
| 100.2D/1 | 74,6 | 52,0 | 18250 | 11250 | 0,7 | 0,3 | 39 | 30 | 6 | 419 | 28 | 269 |
| 100.2C/2 | 133 | 97,8 | 33500 | 22000 | 1,3 | 0,7 | 42 | 33 | 10 | 631 | 46 | 445 |
| 100.2D/2 | 149 | 104 | 36500 | 22500 | 1,3 | 0,7 | 42 | 33 | 12 | 725 | 55 | 539 |
| 100.2C/3 | 199 | 147 | 50250 | 33000 | 2,0 | 1,0 | 44 | 35 | 15 | 875 | 67 | 668 |
| 100.2D/3 | 224 | 156 | 54750 | 33750 | 2,0 | 1,0 | 43 | 34 | 20 | 1010 | 82 | 808 |
| 100.2C/4 | 266 | 196 | 67000 | 44000 | 2,6 | 1,4 | 45 | 36 | 20 | 1173 | 89 | 890 |
| 100.2D/4 | 299 | 207 | 73000 | 45000 | 2,6 | 1,4 | 44 | 35 | 30 | 1364 | 107 | 1078 |
| 100.2C/5 | 333 | 244 | 83750 | 55000 | 3,3 | 1,7 | 45 | 36 | 30 | 1472 | 113 | 1113 |
| 100.2D/5 | 373 | 260 | 91250 | 56250 | 3,3 | 1,7 | 45 | 36 | 30 | 1716 | 135 | 1347 |
| 100.2C/6 | 399 | 293 | 100500 | 66000 | 4,0 | 2,0 | 46 | 37 | 30 | 1713 | 134 | 1335 |

Technische Daten aller Ventilatoren siehe Tabelle Seite 28. / Technical data for all fans see table page 28.

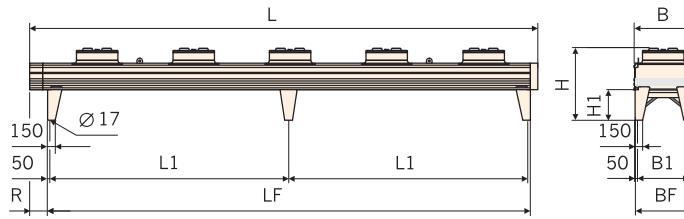
Abmessungen

Dimensions

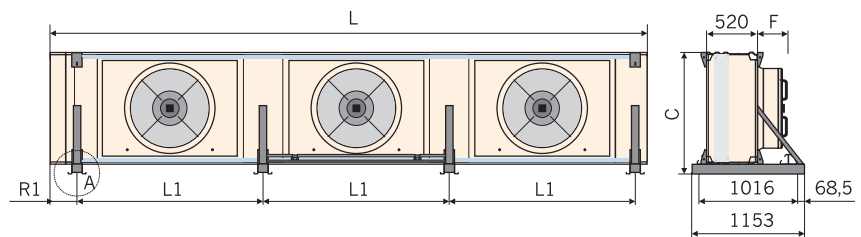
| Größe Size | Abmessungen Dimensions | | | | | | | | | | | | | Anzahl der FüÙe No. of feet | Ausführung Design |
|-------------------|---------------------------|------|------|------|-------|------|------|-----|-----|------|------|-----|------|--------------------------------|----------------------|
| | L | AGVH | | | | | | | | AGVW | | | | | |
| | | B | H | L1 | LF | B1 | BF | H1 | R | L1 | C | R1 | B | | |
| | | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | | |
| 080.3A/1 | 2300 | 1141 | 1430 | 1805 | 1905 | 1005 | 1105 | 600 | 247 | 1900 | 1250 | 275 | 900 | 4 | V / VII |
| 080.3B/1 | 2700 | 1141 | 1430 | 2205 | 2305 | 1005 | 1105 | 600 | 247 | 2300 | 1250 | 275 | 900 | 4 | V / VII |
| 080.3A/2 | 4200 | 1141 | 1430 | 3705 | 3805 | 1005 | 1105 | 600 | 247 | 1900 | 1250 | 275 | 900 | 4 | V / VII |
| 080.3B/2 | 5000 | 1141 | 1430 | 4505 | 4605 | 1005 | 1105 | 600 | 247 | 2300 | 1250 | 275 | 900 | 4 | V / VII |
| 080.3A/3 | 6100 | 1141 | 1430 | 5605 | 5705 | 1005 | 1105 | 600 | 247 | 1900 | 1241 | 275 | 1153 | 4 | V / VI |
| 080.3B/3 | 7300 | 1141 | 1430 | 6805 | 6905 | 1005 | 1105 | 600 | 247 | 2300 | 1241 | 275 | 1153 | 4 | V / VI |
| 080.3A/4 | 8100 | 1141 | 1430 | 7505 | 7605 | 1005 | 1105 | 600 | 347 | 1900 | 1241 | 375 | 1153 | 4 | V / VI |
| 080.3B/4 | 9700 | 1141 | 1430 | 9105 | 9205 | 1005 | 1105 | 600 | 347 | 2300 | 1241 | 375 | 1153 | 4 | V / VI |
| 080.3A/5 | 10000 | 1141 | 1430 | 4702 | 9505 | 1005 | 1105 | 600 | 347 | 1900 | 1241 | 375 | 1153 | 6 | V / VI |
| 080.3B/5 | 12000 | 1141 | 1430 | 5702 | 11505 | 1005 | 1105 | 600 | 347 | 2300 | 1241 | 375 | 1153 | 6 | V / VI |
| 080.3A/6 | 11900 | 1141 | 1430 | 5652 | 11405 | 1005 | 1105 | 600 | 347 | 1900 | 1241 | 375 | 1153 | 6 | V / VI |
| 080.3C/1 | 2300 | 1541 | 1430 | 1805 | 1905 | 1405 | 1505 | 600 | 347 | 1900 | 1650 | 275 | 900 | 4 | V / VI |
| 080.3D/1 | 2700 | 1541 | 1430 | 2205 | 2305 | 1405 | 1505 | 600 | 247 | 2300 | 1650 | 275 | 900 | 4 | V / VI |
| 080.3C/2 | 4200 | 1541 | 1430 | 3705 | 3805 | 1405 | 1505 | 600 | 247 | 1900 | 1650 | 275 | 900 | 4 | V / VI |
| 080.3D/2 | 5000 | 1541 | 1430 | 4505 | 4605 | 1405 | 1505 | 600 | 247 | 2300 | 1650 | 275 | 900 | 4 | V / VI |
| 080.3C/3 | 6100 | 1541 | 1430 | 5605 | 5705 | 1405 | 1505 | 600 | 247 | 1900 | 1641 | 275 | 1153 | 4 | V / VI |
| 080.3D/3 | 7300 | 1541 | 1430 | 6805 | 6905 | 1405 | 1505 | 600 | 247 | 2300 | 1641 | 275 | 1153 | 4 | V / VI |
| 080.3C/4 | 8100 | 1541 | 1430 | 7505 | 7605 | 1405 | 1505 | 600 | 247 | 1900 | 1641 | 375 | 1153 | 4 | V / VI |
| 080.3D/4 | 9700 | 1541 | 1430 | 9105 | 9205 | 1405 | 1505 | 600 | 347 | 2300 | 1641 | 375 | 1153 | 4 | V / VI |
| 080.3C/5 | 10000 | 1541 | 1430 | 4702 | 9505 | 1405 | 1505 | 600 | 347 | 1900 | 1641 | 375 | 1153 | 6 | V / VI |
| 080.3D/5 | 12000 | 1541 | 1430 | 5702 | 11505 | 1405 | 1505 | 600 | 347 | 2300 | 1641 | 375 | 1153 | 6 | V / VI |
| 080.3C/6 | 11900 | 1541 | 1430 | 5652 | 11405 | 1405 | 1505 | 600 | 347 | 1900 | 1641 | 375 | 1153 | 6 | V / VI |
| 090.2A/1 | 2300 | 1141 | 1460 | 1805 | 1905 | 1005 | 1105 | 600 | 247 | 1900 | 1250 | 275 | 930 | 4 | V / VII |
| 090.2B/1 | 2700 | 1141 | 1460 | 2205 | 2305 | 1005 | 1105 | 600 | 247 | 2300 | 1250 | 275 | 930 | 4 | V / VII |
| 090.2A/2 | 4200 | 1141 | 1460 | 3705 | 3805 | 1005 | 1105 | 600 | 247 | 1900 | 1250 | 275 | 930 | 4 | V / VII |
| 090.2B/2 | 5000 | 1141 | 1460 | 4505 | 4605 | 1005 | 1105 | 600 | 247 | 2300 | 1250 | 275 | 930 | 4 | V / VII |
| 090.2A/3 | 6100 | 1141 | 1460 | 5605 | 5705 | 1005 | 1105 | 600 | 247 | 1900 | 1241 | 275 | 1153 | 4 | V / VII |
| 090.2B/3 | 7300 | 1141 | 1460 | 6805 | 6905 | 1005 | 1105 | 600 | 247 | 2300 | 1241 | 275 | 1153 | 4 | V / VI |
| 090.2A/4 | 8100 | 1141 | 1460 | 7505 | 7605 | 1005 | 1105 | 600 | 347 | 1900 | 1241 | 375 | 1153 | 4 | V / VI |
| 090.2B/4 | 9700 | 1141 | 1460 | 9105 | 9205 | 1005 | 1105 | 600 | 347 | 2300 | 1241 | 375 | 1153 | 4 | V / VI |
| 090.2A/5 | 10000 | 1141 | 1460 | 4702 | 9505 | 1005 | 1105 | 600 | 347 | 1900 | 1241 | 375 | 1153 | 6 | V / VI |
| 090.2B/5 | 12000 | 1141 | 1460 | 5702 | 11505 | 1005 | 1105 | 600 | 347 | 2300 | 1241 | 375 | 1153 | 6 | V / VI |
| 090.2A/6 | 11900 | 1141 | 1460 | 5652 | 11405 | 1005 | 1105 | 600 | 347 | 1900 | 1241 | 375 | 1153 | 6 | V / VI |
| 090.2C/1 | 2300 | 1541 | 1460 | 1805 | 1905 | 1405 | 1505 | 600 | 347 | 1900 | 1650 | 275 | 930 | 4 | V / VI |
| 090.2D/1 | 2700 | 1541 | 1460 | 2205 | 2305 | 1405 | 1505 | 600 | 247 | 2300 | 1650 | 275 | 930 | 4 | V / VI |
| 090.2C/2 | 4200 | 1541 | 1460 | 3705 | 3805 | 1405 | 1505 | 600 | 247 | 1900 | 1650 | 275 | 930 | 4 | V / VI |
| 090.2D/2 | 5000 | 1541 | 1460 | 4505 | 4605 | 1405 | 1505 | 600 | 247 | 2300 | 1650 | 275 | 930 | 4 | V / VI |
| 090.2C/3 | 6100 | 1541 | 1460 | 5605 | 5705 | 1405 | 1505 | 600 | 247 | 1900 | 1641 | 275 | 1153 | 4 | V / VI |
| 090.2D/3 | 7300 | 1541 | 1460 | 6805 | 6905 | 1405 | 1505 | 600 | 247 | 2300 | 1641 | 275 | 1153 | 4 | V / VI |
| 090.2C/4 | 8100 | 1541 | 1460 | 7505 | 7605 | 1405 | 1505 | 600 | 247 | 1900 | 1641 | 375 | 1153 | 4 | V / VI |
| 090.2D/4 | 9700 | 1541 | 1460 | 9105 | 9205 | 1405 | 1505 | 600 | 347 | 2300 | 1641 | 375 | 1153 | 4 | V / VI |
| 090.2C/5 | 10000 | 1541 | 1460 | 4702 | 9505 | 1405 | 1505 | 600 | 347 | 1900 | 1641 | 375 | 1153 | 6 | V / VI |
| 090.2D/5 | 12000 | 1541 | 1460 | 5702 | 11505 | 1405 | 1505 | 600 | 347 | 2300 | 1641 | 375 | 1153 | 6 | V / VI |
| 090.2C/6 | 11900 | 1541 | 1460 | 5652 | 11405 | 1405 | 1505 | 600 | 347 | 1900 | 1641 | 375 | 1153 | 6 | V / VI |
| 100.2A/1 | 2300 | 1141 | 1430 | 1805 | 1905 | 1005 | 1105 | 600 | 247 | 1900 | 1250 | 275 | 900 | 4 | V / VII |
| 100.2B/1 | 2700 | 1141 | 1430 | 2205 | 2305 | 1005 | 1105 | 600 | 247 | 2300 | 1250 | 275 | 900 | 4 | V / VII |
| 100.2A/2 | 4200 | 1141 | 1430 | 3705 | 3805 | 1005 | 1105 | 600 | 247 | 1900 | 1250 | 275 | 900 | 4 | V / VII |
| 100.2B/2 | 5000 | 1141 | 1430 | 4505 | 4605 | 1005 | 1105 | 600 | 247 | 2300 | 1250 | 275 | 900 | 4 | V / VII |
| 100.2A/3 | 6100 | 1141 | 1430 | 5605 | 5705 | 1005 | 1105 | 600 | 247 | 1900 | 1241 | 275 | 1153 | 4 | V / VI |
| 100.2B/3 | 7300 | 1141 | 1430 | 6805 | 6905 | 1005 | 1105 | 600 | 247 | 2300 | 1241 | 275 | 1153 | 4 | V / VI |
| 100.2A/4 | 8100 | 1141 | 1430 | 7505 | 7605 | 1005 | 1105 | 600 | 347 | 1900 | 1241 | 375 | 1153 | 4 | V / VI |
| 100.2B/4 | 9700 | 1141 | 1430 | 9105 | 9205 | 1005 | 1105 | 600 | 347 | 2300 | 1241 | 375 | 1153 | 4 | V / VI |
| 100.2A/5 | 10000 | 1141 | 1430 | 4702 | 9505 | 1005 | 1105 | 600 | 347 | 1900 | 1241 | 375 | 1153 | 6 | V / VI |
| 100.2B/5 | 12000 | 1141 | 1430 | 5702 | 11505 | 1005 | 1105 | 600 | 347 | 2300 | 1241 | 375 | 1153 | 6 | V / VI |
| 100.2A/6 | 11900 | 1141 | 1430 | 5652 | 11405 | 1005 | 1105 | 600 | 347 | 1900 | 1241 | 375 | 1153 | 6 | V / VI |
| 100.2C/1 | 2300 | 1541 | 1430 | 1805 | 1905 | 1405 | 1505 | 600 | 347 | 1900 | 1650 | 275 | 900 | 4 | V / VI |
| 100.2D/1 | 2700 | 1541 | 1430 | 2205 | 2305 | 1405 | 1505 | 600 | 247 | 2300 | 1650 | 275 | 900 | 4 | V / VI |
| 100.2C/2 | 4200 | 1541 | 1430 | 3705 | 3805 | 1405 | 1505 | 600 | 247 | 1900 | 1650 | 275 | 900 | 4 | V / VI |
| 100.2D/2 | 5000 | 1541 | 1430 | 4505 | 4605 | 1405 | 1505 | 600 | 247 | 2300 | 1650 | 275 | 900 | 4 | V / VI |
| 100.2C/3 | 6100 | 1541 | 1430 | 5605 | 5705 | 1405 | 1505 | 600 | 247 | 1900 | 1641 | 275 | 1153 | 4 | V / VI |
| 100.2D/3 | 7300 | 1541 | 1430 | 6805 | 6905 | 1405 | 1505 | 600 | 247 | 2300 | 1641 | 275 | 1153 | 4 | V / VI |
| 100.2C/4 | 8100 | 1541 | 1430 | 7505 | 7605 | 1405 | 1505 | 600 | 247 | 1900 | 1641 | 375 | 1153 | 4 | V / VI |
| 100.2D/4 | 9700 | 1541 | 1430 | 9105 | 9205 | 1405 | 1505 | 600 | 347 | 2300 | 1641 | 375 | 1153 | 4 | V / VI |
| 100.2C/5 | 10000 | 1541 | 1430 | 4702 | 9505 | 1405 | 1505 | 600 | 347 | 1900 | 1641 | 375 | 1153 | 6 | V / VI |
| 100.2D/5 | 12000 | 1541 | 1430 | 5702 | 11505 | 1405 | 1505 | 600 | 347 | 2300 | 1641 | 375 | 1153 | 6 | V / VI |
| 100.2C/6 | 11900 | 1541 | 1430 | 5652 | 11405 | 1405 | 1505 | 600 | 347 | 1900 | 1641 | 375 | 1153 | 6 | V / VI |

AGVH / AGVV Ausführungen AGVH / AGVV Design

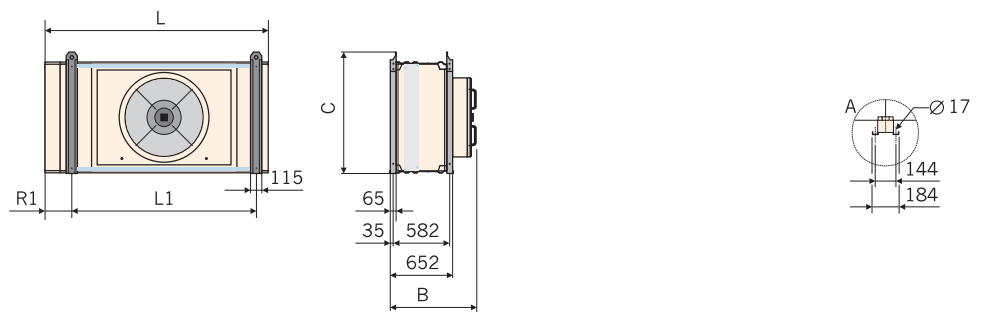
V



VI



VII



bei gegenüberliegenden Anschlüssen: Maß „S“ = „R“
connections on both sides: dimension “S” = “R”

Bei Schwingmetallfüßen vergrößern sich die Aufstellmaße „H“ und „C“
When using vibration dampers, the setting-up dimensions “H” and “C” (height) increase

Ventilatorabmessungen „D“ und „F“ siehe Tabelle Seite 28
Fan dimensions “D” and “F” see table page 28

Leistungstabellen
AGVH/V .../...-N
Gewichte und Maße

Capacity tables
AGVH/V .../...-N
Weights and Measures

AGVH/V .../...-N - 2 reihig - 2 rows

| Typ Type | \dot{Q}_{CN} Nennleistung Nominal capacity | | \dot{V}_L Luftvolumenstrom Air volume flow | | aufgenommene el. Leistung consumed power | | Schalldruck- pegel Sound pressure level | | Strang- Anzahl Number of passes | Gewicht Weight | Rohr- volumen Tube volume | Fläche Surface |
|-----------------|--|------|--|-------------------|--|------|--|----|--|-----------------------|--|-----------------------|
| | $\Delta t = 15 K$ | | | | $P_{el} total$ | | | | | | | |
| | Δ | Y | Δ | Y | Δ | Y | Δ | Y | | | | |
| | kW | kW | m ³ /h | m ³ /h | kW | kW | dB(A)10m | | | kg | l | m ² |
| 080.3A/2x2 | 340 | 281 | 76800 | 59200 | 6,9 | 4,6 | 54 | 47 | 27 | 1073 | 108 | 1002 |
| 080.3B/2x2 | 372 | 308 | 81600 | 63600 | 6,8 | 4,6 | 54 | 47 | 27 | 1244 | 128 | 1212 |
| 080.3A/2x3 | 509 | 418 | 115200 | 88800 | 10,4 | 6,8 | 55 | 48 | 45 | 1520 | 159 | 1502 |
| 080.3B/2x3 | 560 | 461 | 122400 | 95400 | 10,3 | 6,8 | 55 | 48 | 45 | 1772 | 189 | 1819 |
| 080.3A/2x4 | 677 | 558 | 153600 | 118400 | 13,8 | 9,1 | 57 | 50 | 45 | 2019 | 206 | 2003 |
| 080.3B/2x4 | 745 | 614 | 163200 | 127200 | 13,7 | 9,1 | 56 | 49 | 67 | 2363 | 242 | 2425 |
| 080.3A/2x5 | 848 | 702 | 192000 | 148000 | 17,3 | 11,4 | 57 | 50 | 67 | 2532 | 249 | 2504 |
| 080.3B/2x5 | 931 | 769 | 204000 | 159000 | 17,1 | 11,4 | 57 | 50 | 67 | 2983 | 298 | 3031 |
| 080.3A/2x6 | 1015 | 836 | 230400 | 177600 | 20,8 | 13,7 | 58 | 51 | 67 | 3047 | 302 | 3005 |
| 090.2A/2x2 | 440 | 385 | 111600 | 91600 | 14,3 | 9,6 | 63 | 57 | 27 | 1162 | 108 | 1002 |
| 090.2B/2x2 | 491 | 416 | 120000 | 95200 | 14,2 | 9,5 | 63 | 57 | 45 | 1333 | 128 | 1212 |
| 090.2A/2x3 | 662 | 579 | 167400 | 137400 | 21,5 | 14,4 | 64 | 58 | 45 | 1654 | 159 | 1502 |
| 090.2B/2x3 | 737 | 627 | 180000 | 142800 | 21,2 | 14,2 | 64 | 58 | 45 | 1906 | 187 | 1819 |
| 090.2A/2x4 | 881 | 769 | 223200 | 183200 | 28,6 | 19,2 | 66 | 60 | 67 | 2197 | 203 | 2003 |
| 090.2B/2x4 | 984 | 836 | 240000 | 190400 | 28,3 | 19,0 | 65 | 59 | 67 | 2541 | 242 | 2425 |
| 090.2A/2x5 | 1098 | 962 | 279000 | 229000 | 35,8 | 24,0 | 66 | 60 | 67 | 2755 | 256 | 2504 |
| 090.2B/2x5 | 1217 | 1030 | 300000 | 238000 | 35,4 | 23,7 | 66 | 60 | 135 | 3206 | 307 | 3031 |
| 090.2A/2x6 | 1308 | 1141 | 334800 | 274800 | 43,0 | 28,8 | 67 | 61 | 135 | 3315 | 304 | 3005 |
| 100.2A/2x2 | 381 | 314 | 90000 | 69000 | 8,7 | 5,9 | 61 | 56 | 27 | 1162 | 108 | 1002 |
| 100.2B/2x2 | 438 | 352 | 102000 | 76000 | 8,5 | 5,9 | 61 | 56 | 33 | 1333 | 128 | 1212 |
| 100.2A/2x3 | 572 | 470 | 135000 | 103500 | 13,1 | 8,9 | 62 | 57 | 45 | 1654 | 159 | 1502 |
| 100.2B/2x3 | 659 | 531 | 153000 | 114000 | 12,8 | 8,9 | 62 | 57 | 45 | 1906 | 189 | 1819 |
| 100.2A/2x4 | 759 | 624 | 180000 | 138000 | 17,4 | 11,8 | 64 | 59 | 67 | 2197 | 203 | 2003 |
| 100.2B/2x4 | 879 | 706 | 204000 | 152000 | 17,0 | 11,8 | 63 | 58 | 67 | 2541 | 242 | 2425 |
| 100.2A/2x5 | 951 | 783 | 225000 | 172500 | 21,8 | 14,8 | 64 | 59 | 67 | 2755 | 249 | 2504 |
| 100.2B/2x5 | 1084 | 869 | 255000 | 190000 | 21,3 | 14,8 | 64 | 59 | 135 | 3206 | 307 | 3031 |
| 100.2A/2x6 | 1126 | 926 | 270000 | 207000 | 26,2 | 17,8 | 65 | 60 | 135 | 3315 | 304 | 3005 |

Technische Daten aller Ventilatoren siehe Tabelle Seite 28. / Technical data for all fans see table page 28.

Leistungstabellen
AGVH/V .../...-M
Gewichte und Maße

Capacity tables
AGVH/V .../...-M
Weights and Measures

| AGVH/V .../...-M - 2 reihig - 2 rows | | | | | | | | | | | | |
|--------------------------------------|--|-----|--|-------------------|--|------|--|----|--|-----------------------|--|-----------------------|
| Typ Type | \dot{Q}_{cN} Nennleistung Nominal capacity | | \dot{V}_L Luftvolumenstrom Air volume flow | | aufgenommene el. Leistung consumed power | | Schalldruck- pegel Sound pressure level | | Strang- Anzahl Number of passes | Gewicht Weight | Rohr- volumen Tube volume | Fläche Surface |
| | $\Delta t = 15\text{ K}$ | | | | $P_{el\ total}$ | | | | | | | |
| | Δ | Y | Δ | Y | Δ | Y | Δ | Y | | | | |
| | kW | kW | m ³ /h | m ³ /h | kW | kW | dB(A)10m | | | kg | l | m ² |
| 080.3A/2x2 | 309 | 220 | 67600 | 44000 | 5,7 | 2,9 | 51 | 41 | 27 | 1073 | 108 | 1002 |
| 080.3B/2x2 | 340 | 245 | 72400 | 48000 | 5,7 | 2,9 | 51 | 41 | 27 | 1244 | 128 | 1212 |
| 080.3A/2x3 | 463 | 329 | 101400 | 66000 | 8,6 | 4,4 | 52 | 42 | 45 | 1520 | 155 | 1502 |
| 080.3B/2x3 | 511 | 366 | 108600 | 72000 | 8,5 | 4,3 | 52 | 42 | 45 | 1772 | 189 | 1819 |
| 080.3A/2x4 | 617 | 441 | 135200 | 88000 | 11,4 | 5,8 | 54 | 44 | 45 | 2019 | 206 | 2003 |
| 080.3B/2x4 | 680 | 487 | 144800 | 96000 | 11,4 | 5,8 | 53 | 43 | 67 | 2363 | 243 | 2425 |
| 080.3A/2x5 | 772 | 549 | 169000 | 110000 | 14,3 | 7,3 | 54 | 44 | 67 | 2532 | 249 | 2504 |
| 080.3B/2x5 | 850 | 611 | 181000 | 120000 | 14,2 | 7,2 | 54 | 44 | 67 | 2983 | 298 | 3031 |
| 080.3A/2x6 | 925 | 660 | 202800 | 132000 | 17,2 | 8,8 | 55 | 45 | 67 | 3047 | 296 | 3005 |
| 090.2A/2x2 | 391 | 300 | 93600 | 65200 | 11,1 | 6,0 | 60 | 52 | 27 | 1162 | 108 | 1002 |
| 090.2B/2x2 | 436 | 330 | 101600 | 70400 | 10,9 | 6,0 | 60 | 52 | 45 | 1333 | 128 | 1212 |
| 090.2A/2x3 | 588 | 450 | 140400 | 97800 | 16,7 | 9,0 | 61 | 53 | 45 | 1654 | 159 | 1502 |
| 090.2B/2x3 | 657 | 500 | 152400 | 105600 | 16,3 | 9,0 | 61 | 53 | 45 | 1906 | 189 | 1819 |
| 090.2A/2x4 | 781 | 598 | 187200 | 130400 | 22,2 | 12,0 | 63 | 55 | 67 | 2197 | 203 | 2003 |
| 090.2B/2x4 | 876 | 665 | 203200 | 140800 | 21,8 | 12,0 | 62 | 54 | 67 | 2541 | 242 | 2425 |
| 090.2A/2x5 | 977 | 751 | 234000 | 163000 | 27,8 | 15,0 | 63 | 55 | 67 | 2755 | 249 | 2504 |
| 090.2B/2x5 | 1081 | 817 | 254000 | 176000 | 27,2 | 15,0 | 63 | 55 | 135 | 3206 | 307 | 3031 |
| 090.2A/2x6 | 1158 | 887 | 280800 | 195600 | 33,4 | 18,0 | 64 | 56 | 135 | 3315 | 304 | 3005 |

Technische Daten aller Ventilatoren siehe Tabelle Seite 28. / Technical data for all fans see table page 28.

Leistungstabellen

AGVH/V .../...-L

Gewichte und Maße

Capacity tables

AGVH/V .../...-L

Weights and Measures

AGVH/V .../...-L - 2 reihig - 2 rows

| Typ Type | \dot{Q}_{CN} Nennleistung Nominal capacity | | \dot{V}_L Luftvolumenstrom Air volume flow | | aufgenommene el. Leistung consumed power | | Schalldruck- pegel Sound pressure level | | Strang- Anzahl Number of passes | Gewicht Weight | Rohr- volumen Tube volume | Fläche Surface |
|-----------------|--|-----|--|-------------------|--|-----|--|----|--|-----------------------|--|-----------------------|
| | $\Delta t = 15 K$ | | | | $P_{el} total$ | | | | | | | |
| | Δ | Y | Δ | Y | Δ | Y | Δ | Y | | | | |
| | kW | kW | m ³ /h | m ³ /h | kW | kW | dB(A)10m | | | kg | l | m ² |
| 080.3A/2x2 | 265 | 215 | 55600 | 42800 | 3,1 | 2,0 | 47 | 41 | 27 | 1073 | 104 | 1002 |
| 080.3B/2x2 | 292 | 236 | 59600 | 46000 | 3,1 | 2,0 | 47 | 41 | 27 | 1244 | 128 | 1212 |
| 080.3A/2x3 | 397 | 321 | 83400 | 64200 | 4,7 | 2,9 | 48 | 42 | 45 | 1520 | 155 | 1502 |
| 080.3B/2x3 | 438 | 354 | 89400 | 69000 | 4,6 | 2,9 | 48 | 42 | 45 | 1772 | 185 | 1819 |
| 080.3A/2x4 | 532 | 431 | 111200 | 85600 | 6,2 | 3,9 | 50 | 44 | 45 | 2019 | 206 | 2003 |
| 080.3B/2x4 | 583 | 470 | 119200 | 92000 | 6,2 | 3,9 | 49 | 43 | 67 | 2363 | 243 | 2425 |
| 080.3A/2x5 | 663 | 537 | 139000 | 107000 | 7,8 | 4,9 | 50 | 44 | 67 | 2532 | 249 | 2504 |
| 080.3B/2x5 | 729 | 590 | 149000 | 115000 | 7,7 | 4,9 | 50 | 44 | 67 | 2983 | 298 | 3031 |
| 080.3A/2x6 | 796 | 646 | 166800 | 128400 | 9,4 | 5,9 | 51 | 45 | 67 | 3047 | 296 | 3005 |
| 090.2A/2x2 | 259 | 179 | 54000 | 34400 | 3,0 | 1,4 | 49 | 37 | 27 | 1074 | 104 | 1002 |
| 090.2B/2x2 | 281 | 197 | 57600 | 37600 | 2,9 | 1,4 | 49 | 37 | 45 | 1245 | 124 | 1212 |
| 090.2A/2x3 | 388 | 267 | 81000 | 51600 | 4,4 | 2,1 | 50 | 38 | 45 | 1522 | 155 | 1502 |
| 090.2B/2x3 | 421 | 294 | 86400 | 56400 | 4,4 | 2,1 | 50 | 38 | 67 | 1774 | 183 | 1819 |
| 090.2A/2x4 | 520 | 358 | 108000 | 68800 | 5,9 | 2,8 | 52 | 40 | 45 | 2021 | 206 | 2003 |
| 090.2B/2x4 | 551 | 386 | 115200 | 75200 | 5,8 | 2,8 | 51 | 39 | 135 | 2365 | 245 | 2425 |
| 090.2A/2x5 | 648 | 447 | 135000 | 86000 | 7,4 | 3,6 | 52 | 40 | 67 | 2535 | 251 | 2504 |
| 090.2B/2x5 | 697 | 488 | 144000 | 94000 | 7,3 | 3,6 | 52 | 40 | 135 | 2986 | 300 | 3031 |
| 090.2A/2x6 | 778 | 538 | 162000 | 103200 | 8,9 | 4,3 | 53 | 41 | 67 | 3051 | 296 | 3005 |
| 100.2A/2x2 | 334 | 244 | 75000 | 50000 | 4,8 | 3,0 | 56 | 49 | 27 | 1074 | 108 | 1002 |
| 100.2B/2x2 | 370 | 278 | 81000 | 56000 | 4,8 | 3,0 | 56 | 49 | 27 | 1245 | 128 | 1212 |
| 100.2A/2x3 | 500 | 365 | 112500 | 75000 | 7,2 | 4,4 | 57 | 50 | 45 | 1522 | 155 | 1502 |
| 100.2B/2x3 | 557 | 416 | 121500 | 84000 | 7,1 | 4,4 | 57 | 50 | 45 | 1774 | 187 | 1819 |
| 100.2A/2x4 | 665 | 485 | 150000 | 100000 | 9,6 | 5,9 | 59 | 52 | 67 | 2021 | 206 | 2003 |
| 100.2B/2x4 | 741 | 554 | 162000 | 112000 | 9,5 | 5,9 | 58 | 51 | 67 | 2365 | 245 | 2425 |
| 100.2A/2x5 | 834 | 609 | 187500 | 125000 | 12,0 | 7,4 | 59 | 52 | 67 | 2535 | 249 | 2504 |
| 100.2B/2x5 | 925 | 694 | 202500 | 140000 | 11,9 | 7,4 | 59 | 52 | 67 | 2986 | 300 | 3031 |
| 100.2A/2x6 | 986 | 719 | 225000 | 150000 | 14,4 | 8,9 | 60 | 53 | 135 | 3051 | 296 | 3005 |

Technische Daten aller Ventilatoren siehe Tabelle Seite 28. / Technical data for all fans see table page 28.

Leistungstabellen
AGVH/V .../...-S
Gewichte und Maße

Capacity tables
AGVH/V .../...-S
Weights and Measures

| AGVH/V .../...-S - 2 reihig - 2 rows | | | | | | | | | | | | |
|--------------------------------------|--|-----|--|-------------------|--|-----|--|----|--|-----------------------|--|-----------------------|
| Typ Type | \dot{Q}_{cN} Nennleistung Nominal capacity | | \dot{V}_L Luftvolumenstrom Air volume flow | | aufgenommene el. Leistung consumed power | | Schalldruck- pegel Sound pressure level | | Strang- Anzahl Number of passes | Gewicht Weight | Rohr- volumen Tube volume | Fläche Surface |
| | $\Delta t = 15\text{ K}$ | | | | $P_{el\ total}$ | | | | | | | |
| | Δ | Y | Δ | Y | Δ | Y | Δ | Y | | | | |
| | kW | kW | m ³ /h | m ³ /h | kW | kW | dB(A)10m | | | kg | l | m ² |
| 080.3A/2x2 | 163 | 135 | 38000 | 29600 | 1,2 | 0,7 | 38 | 32 | 15 | 888 | 69 | 668 |
| 080.3B/2x2 | 178 | 147 | 40000 | 31200 | 1,2 | 0,7 | 38 | 32 | 18 | 1018 | 82 | 808 |
| 080.3A/2x3 | 244 | 201 | 57000 | 44400 | 1,9 | 1,1 | 39 | 33 | 30 | 1236 | 103 | 1002 |
| 080.3B/2x3 | 266 | 220 | 60000 | 46800 | 1,9 | 1,1 | 39 | 33 | 30 | 1427 | 123 | 1212 |
| 080.3A/2x4 | 326 | 270 | 76000 | 59200 | 2,5 | 1,5 | 41 | 35 | 30 | 1632 | 138 | 1335 |
| 080.3B/2x4 | 355 | 294 | 80000 | 62400 | 2,5 | 1,5 | 40 | 34 | 30 | 1894 | 164 | 1617 |
| 080.3A/2x5 | 407 | 337 | 95000 | 74000 | 3,1 | 1,9 | 41 | 35 | 45 | 2045 | 169 | 1669 |
| 080.3B/2x5 | 445 | 367 | 100000 | 78000 | 3,1 | 1,9 | 41 | 35 | 45 | 2385 | 202 | 2021 |
| 080.3A/2x6 | 489 | 405 | 114000 | 88800 | 3,7 | 2,2 | 42 | 36 | 45 | 2450 | 204 | 2003 |
| 090.2A/2x2 | 224 | 186 | 59200 | 45600 | 2,8 | 1,8 | 47 | 41 | 18 | 787 | 72 | 668 |
| 090.2B/2x2 | 252 | 211 | 64800 | 50400 | 2,8 | 1,8 | 47 | 41 | 18 | 890 | 85 | 808 |
| 090.2A/2x3 | 336 | 279 | 88800 | 68400 | 4,2 | 2,7 | 48 | 42 | 30 | 1082 | 107 | 1002 |
| 090.2B/2x3 | 379 | 317 | 97200 | 75600 | 4,2 | 2,6 | 48 | 42 | 30 | 1226 | 127 | 1212 |
| 090.2A/2x4 | 446 | 370 | 118400 | 91200 | 5,6 | 3,5 | 50 | 44 | 45 | 1420 | 138 | 1335 |
| 090.2B/2x4 | 505 | 422 | 129600 | 100800 | 5,6 | 3,5 | 49 | 43 | 45 | 1617 | 168 | 1617 |
| 090.2A/2x5 | 560 | 466 | 148000 | 114000 | 7,0 | 4,4 | 50 | 44 | 45 | 1775 | 173 | 1669 |
| 090.2B/2x5 | 622 | 528 | 162000 | 126000 | 7,0 | 4,4 | 50 | 44 | 45 | 2039 | 206 | 2021 |
| 090.2A/2x6 | 669 | 559 | 177600 | 136800 | 8,4 | 5,3 | 51 | 45 | 45 | 2121 | 204 | 2003 |
| 100.2A/2x2 | 238 | 187 | 65000 | 46000 | 3,4 | 2,0 | 48 | 40 | 18 | 787 | 72 | 668 |
| 100.2B/2x2 | 275 | 215 | 74000 | 52000 | 3,4 | 2,0 | 48 | 40 | 22 | 890 | 85 | 808 |
| 100.2A/2x3 | 358 | 281 | 97500 | 69000 | 5,1 | 2,9 | 49 | 41 | 30 | 1082 | 107 | 1002 |
| 100.2B/2x3 | 415 | 324 | 111000 | 78000 | 5,0 | 2,9 | 49 | 41 | 30 | 1226 | 127 | 1212 |
| 100.2A/2x4 | 476 | 373 | 130000 | 92000 | 6,8 | 3,9 | 51 | 43 | 45 | 1420 | 138 | 1335 |
| 100.2B/2x4 | 554 | 432 | 148000 | 104000 | 6,7 | 3,9 | 50 | 42 | 45 | 1617 | 168 | 1617 |
| 100.2A/2x5 | 596 | 469 | 162500 | 115000 | 8,5 | 4,9 | 51 | 43 | 45 | 1775 | 173 | 1669 |
| 100.2B/2x5 | 681 | 530 | 185000 | 130000 | 8,4 | 4,9 | 51 | 43 | 90 | 2039 | 206 | 2021 |
| 100.2A/2x6 | 704 | 552 | 195000 | 138000 | 10,2 | 5,9 | 52 | 44 | 90 | 2121 | 204 | 2003 |

Technische Daten aller Ventilatoren siehe Tabelle Seite 28. / Technical data for all fans see table page 28.

Leistungstabellen
AGVH/V .../...-E
Gewichte und Maße

Capacity tables
AGVH/V .../...-E
Weights and Measures

AGVH/V .../...-E - 2 reihig - 2 rows

| Typ Type | \dot{Q}_{CN} Nennleistung Nominal capacity | | \dot{V}_L Luftvolumenstrom Air volume flow | | aufgenommene el. Leistung consumed power | | Schalldruck- pegel Sound pressure level | | Strang- Anzahl Number of passes | Gewicht Weight | Rohr- volumen Tube volume | Fläche Surface |
|-----------------|--|-------|--|-------------------|--|-----|--|----|--|-----------------------|--|-----------------------|
| | $\Delta t = 15 K$ | | | | $P_{el} total$ | | | | | | | |
| | Δ | Y | Δ | Y | Δ | Y | Δ | Y | | | | |
| | kW | kW | m ³ /h | m ³ /h | kW | kW | dB(A)10m | | | kg | l | m ² |
| 080.3A/2x2 | 151 | 110,6 | 34400 | 23000 | 0,9 | 0,5 | 35 | 25 | 15 | 888 | 69 | 668 |
| 080.3B/2x2 | 165 | 121,1 | 36400 | 24600 | 0,9 | 0,5 | 35 | 25 | 18 | 1018 | 82 | 808 |
| 080.3A/2x3 | 226 | 164,8 | 51600 | 34500 | 1,4 | 0,7 | 36 | 26 | 30 | 1236 | 103 | 1002 |
| 080.3B/2x3 | 248 | 181,3 | 54600 | 36900 | 1,4 | 0,7 | 36 | 26 | 30 | 1427 | 123 | 1212 |
| 080.3A/2x4 | 303 | 221,2 | 68800 | 46000 | 1,9 | 0,9 | 38 | 28 | 30 | 1632 | 138 | 1335 |
| 080.3B/2x4 | 331 | 242,6 | 72800 | 49200 | 1,9 | 0,9 | 37 | 27 | 30 | 1894 | 164 | 1617 |
| 080.3A/2x5 | 378 | 278,1 | 86000 | 57500 | 2,4 | 1,2 | 38 | 28 | 45 | 2045 | 169 | 1669 |
| 080.3B/2x5 | 414 | 302,8 | 91000 | 61500 | 2,4 | 1,2 | 38 | 28 | 45 | 1976 | 202 | 2021 |
| 080.3A/2x6 | 454 | 332,0 | 103200 | 69000 | 2,8 | 1,4 | 39 | 29 | 45 | 2045 | 200 | 2003 |
| 090.2A/2x2 | 201 | 139 | 50800 | 30800 | 2,2 | 1,1 | 43 | 33 | 18 | 787 | 72 | 668 |
| 090.2B/2x2 | 226 | 160 | 55600 | 34800 | 2,2 | 1,1 | 43 | 33 | 18 | 890 | 85 | 808 |
| 090.2A/2x3 | 301 | 208 | 76200 | 46200 | 3,3 | 1,7 | 44 | 34 | 30 | 1094 | 107 | 1002 |
| 090.2B/2x3 | 340 | 239 | 83400 | 52200 | 3,3 | 1,7 | 44 | 34 | 30 | 1240 | 127 | 1212 |
| 090.2A/2x4 | 402 | 278 | 101600 | 61600 | 4,4 | 2,2 | 46 | 36 | 30 | 1451 | 138 | 1335 |
| 090.2B/2x4 | 453 | 319 | 111200 | 69600 | 4,4 | 2,2 | 45 | 35 | 45 | 1655 | 164 | 1617 |
| 090.2A/2x5 | 503 | 347 | 127000 | 77000 | 5,5 | 2,8 | 46 | 36 | 45 | 1815 | 173 | 1669 |
| 090.2B/2x5 | 566 | 400 | 139000 | 87000 | 5,5 | 2,8 | 46 | 36 | 45 | 2082 | 206 | 2021 |
| 090.2A/2x6 | 603 | 418 | 152400 | 92400 | 6,6 | 3,3 | 47 | 37 | 45 | 2121 | 204 | 2003 |
| 100.2A/2x2 | 217 | 157 | 57000 | 36000 | 2,7 | 1,4 | 45 | 36 | 15 | 787 | 72 | 668 |
| 100.2B/2x2 | 250 | 181 | 64000 | 41000 | 2,7 | 1,4 | 45 | 36 | 18 | 890 | 85 | 808 |
| 100.2A/2x3 | 327 | 234 | 85500 | 54000 | 4,0 | 2,0 | 46 | 37 | 30 | 1094 | 107 | 1002 |
| 100.2B/2x3 | 376 | 272 | 96000 | 61500 | 4,0 | 2,0 | 46 | 37 | 30 | 1240 | 127 | 1212 |
| 100.2A/2x4 | 435 | 313 | 114000 | 72000 | 5,4 | 2,7 | 48 | 39 | 30 | 1451 | 138 | 1335 |
| 100.2B/2x4 | 501 | 362 | 128000 | 82000 | 5,4 | 2,7 | 47 | 38 | 45 | 1655 | 164 | 1617 |
| 100.2A/2x5 | 545 | 391 | 142500 | 90000 | 6,7 | 3,4 | 48 | 39 | 45 | 1815 | 173 | 1669 |
| 100.2B/2x5 | 625 | 453 | 160000 | 102500 | 6,7 | 3,4 | 48 | 39 | 45 | 2082 | 206 | 2021 |
| 100.2A/2x6 | 652 | 470 | 171000 | 108000 | 8,0 | 4,1 | 49 | 40 | 45 | 2121 | 204 | 2003 |

Technische Daten aller Ventilatoren siehe Tabelle Seite 28. / Technical data for all fans see table page 28.

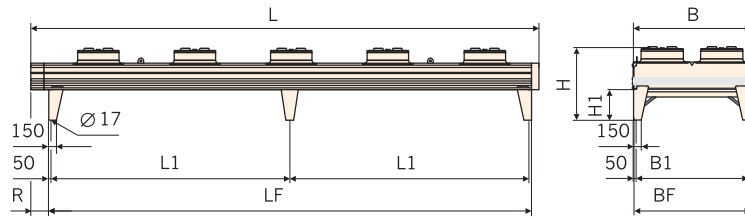
Abmessungen

Dimensions

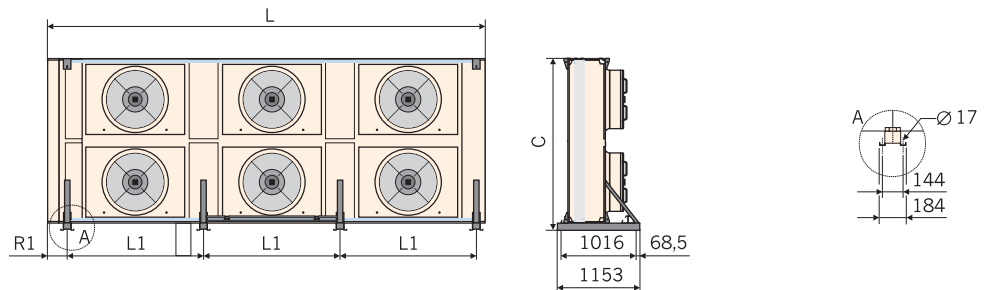
| Größe Size | Abmessungen Dimensions | | | | | | | | | | | | | Anzahl der FüÙe No. of feet | Ausführung Design |
|-------------------|-------------------------------|------|------|------|-------|------|------|-----|-----|------|------|-----|------|--------------------------------|----------------------|
| | L | AGVH | | | | | | | | AGVV | | | | | |
| | | B | H | L1 | LF | B1 | BF | H1 | R | L1 | C | R1 | B | | |
| | | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | | |
| 080.3A/2x2 | 4300 | 2291 | 1430 | 3705 | 3805 | 2155 | 2255 | 600 | 347 | 1900 | 2391 | 375 | 1153 | 4 | VIII / IX |
| 080.3B/2x2 | 5100 | 2291 | 1430 | 4505 | 4605 | 2155 | 2255 | 600 | 347 | 2300 | 2391 | 375 | 1153 | 4 | VIII / IX |
| 080.3A/2x3 | 6200 | 2291 | 1430 | 5605 | 5705 | 2155 | 2255 | 600 | 347 | 1900 | 2391 | 375 | 1153 | 4 | VIII / IX |
| 080.3B/2x3 | 7400 | 2291 | 1430 | 6805 | 6905 | 2155 | 2255 | 600 | 347 | 2300 | 2391 | 375 | 1153 | 4 | VIII / IX |
| 080.3A/2x4 | 8100 | 2291 | 1430 | 7505 | 7605 | 2155 | 2255 | 600 | 347 | 1900 | 2391 | 375 | 1153 | 4 | VIII / IX |
| 080.3B/2x4 | 9700 | 2291 | 1430 | 9105 | 9205 | 2155 | 2255 | 600 | 347 | 2300 | 2391 | 375 | 1153 | 4 | VIII / IX |
| 080.3A/2x5 | 10000 | 2291 | 1430 | 4702 | 9505 | 2155 | 2255 | 600 | 347 | 1900 | 2391 | 375 | 1153 | 6 | VIII / IX |
| 080.3B/2x5 | 12000 | 2291 | 1430 | 5702 | 11505 | 2155 | 2255 | 600 | 347 | 2300 | 2391 | 375 | 1153 | 6 | VIII / IX |
| 080.3A/2x6 | 11900 | 2291 | 1430 | 5652 | 11405 | 2155 | 2255 | 600 | 347 | 1900 | 2391 | 375 | 1153 | 6 | VIII / IX |
| 090.2A/2x2 | 4300 | 2291 | 1460 | 3705 | 3805 | 2155 | 2255 | 600 | 347 | 1900 | 2391 | 375 | 1153 | 4 | VIII / IX |
| 090.2B/2x2 | 5100 | 2291 | 1460 | 4505 | 4605 | 2155 | 2255 | 600 | 347 | 2300 | 2391 | 375 | 1153 | 4 | VIII / IX |
| 090.2A/2x3 | 6200 | 2291 | 1460 | 5605 | 5705 | 2155 | 2255 | 600 | 347 | 1900 | 2391 | 375 | 1153 | 4 | VIII / IX |
| 090.2B/2x3 | 7400 | 2291 | 1460 | 6805 | 6905 | 2155 | 2255 | 600 | 347 | 2300 | 2391 | 375 | 1153 | 4 | VIII / IX |
| 090.2A/2x4 | 8100 | 2291 | 1460 | 7505 | 7605 | 2155 | 2255 | 600 | 347 | 1900 | 2391 | 375 | 1153 | 4 | VIII / IX |
| 090.2B/2x4 | 9700 | 2291 | 1460 | 9105 | 9205 | 2155 | 2255 | 600 | 347 | 2300 | 2391 | 375 | 1153 | 4 | VIII / IX |
| 090.2A/2x5 | 10000 | 2291 | 1460 | 4702 | 9505 | 2155 | 2255 | 600 | 347 | 1900 | 2391 | 375 | 1153 | 6 | VIII / IX |
| 090.2B/2x5 | 12000 | 2291 | 1460 | 5702 | 11505 | 2155 | 2255 | 600 | 347 | 2300 | 2391 | 375 | 1153 | 6 | VIII / IX |
| 090.2A/2x6 | 11900 | 2291 | 1460 | 5652 | 11405 | 2155 | 2255 | 600 | 347 | 1900 | 2391 | 375 | 1153 | 6 | VIII / IX |
| 100.2A/2x2 | 4300 | 2291 | 1430 | 3705 | 3805 | 2155 | 2255 | 600 | 347 | 1900 | 2391 | 375 | 1153 | 4 | VIII / IX |
| 100.2B/2x2 | 5100 | 2291 | 1430 | 4505 | 4605 | 2155 | 2255 | 600 | 347 | 2300 | 2391 | 375 | 1153 | 4 | VIII / IX |
| 100.2A/2x3 | 6200 | 2291 | 1430 | 5605 | 5705 | 2155 | 2255 | 600 | 347 | 1900 | 2391 | 375 | 1153 | 4 | VIII / IX |
| 100.2B/2x3 | 7400 | 2291 | 1430 | 6805 | 6905 | 2155 | 2255 | 600 | 347 | 2300 | 2391 | 375 | 1153 | 4 | VIII / IX |
| 100.2A/2x4 | 8100 | 2291 | 1430 | 7505 | 7605 | 2155 | 2255 | 600 | 347 | 1900 | 2391 | 375 | 1153 | 4 | VIII / IX |
| 100.2B/2x4 | 9700 | 2291 | 1430 | 9105 | 9205 | 2155 | 2255 | 600 | 347 | 2300 | 2391 | 375 | 1153 | 4 | VIII / IX |
| 100.2A/2x5 | 10000 | 2291 | 1430 | 4702 | 9505 | 2155 | 2255 | 600 | 347 | 1900 | 2391 | 375 | 1153 | 6 | VIII / IX |
| 100.2B/2x5 | 12000 | 2291 | 1430 | 5702 | 11505 | 2155 | 2255 | 600 | 347 | 2300 | 2391 | 375 | 1153 | 6 | VIII / IX |
| 100.2A/2x6 | 11900 | 2291 | 1430 | 5652 | 11405 | 2155 | 2255 | 600 | 347 | 1900 | 2391 | 375 | 1153 | 6 | VIII / IX |

AGVH / AGVV Ausführungen AGVH / AGVV Design

VIII



IX



bei gegenüberliegenden Anschlüssen: Maß „S“ = „R“
connections on both sides: dimension “S” = “R”

Bei Schwingmetallfüßen vergrößern sich die Aufstellmaße „H“ und „C“
When using vibration dampers, the setting-up dimensions “H” and “C” (height) increase

Ventilatorabmessungen „D“ und „F“ siehe Tabelle Seite 28
Fan dimensions “D” and “F” see table page 28

Anschlüsse Zubehör

Connections Accessories

Anschlüsse

Connections

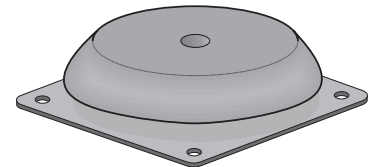
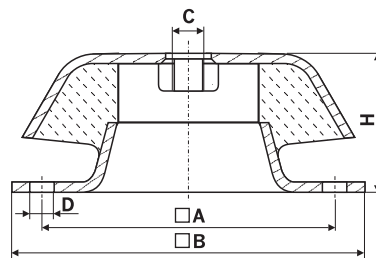
| Standard-Anschlussystem Standard connection system | | |
|---|-------------------|--------------------|
| Verflüssigerleistung Condenser capacity | Eintritt Inlet | Austritt Outlet |
| kW | St Ø mm | St Ø mm |
| < 30 | 21,3 | 21,3 |
| 30 – 45 | 26,9 | 21,3 |
| 45 – 85 | 33,7 | 21,3 |
| 85 – 120 | 42,4 | 21,3 |
| 120 – 190 | 48,3 | 26,9 |

| Standard-Anschlussystem Standard connection system | | |
|---|-------------------|--------------------|
| Verflüssigerleistung Condenser capacity | Eintritt Inlet | Austritt Outlet |
| kW | St Ø mm | St Ø mm |
| 190 – 300 | 60,3 | 33,7 |
| 300 – 500 | 76,1 | 42,4 |
| 500 – 700 | 88,9 | 48,3 |
| 700 – 1000 | 2 × 76,1 | 2 × 60,3 |
| > 1000 | 2 × 88,9 | 2 × 76,1 |

Schwingmetallfüße (Zubehör)

Vibration dampers (Accessories)

| Typ Model | Belastung Load | H | A | B | C | D |
|--------------|----------------------|----|-----|-----|-----|----|
| | | mm | mm | mm | mm | mm |
| SMA 1 | bis / to 350 kg | 40 | 88 | 108 | M12 | 9 |
| SMA 2 | 350 bis / to 500 kg | 40 | 88 | 108 | M12 | 9 |
| SMA 3 | 500 bis / to 700 kg | 50 | 132 | 168 | M16 | 13 |
| SMA 4 | 700 bis / to 1000 kg | 50 | 132 | 168 | M16 | 13 |



Ventilatordaten Drehzahlregelung

Fan data Speed Control

Ventilatorabmessungen

Fan dimensions

| Typ Model | Abmessungen Dimensions | |
|-------------------------------------|-------------------------------|-----|
| | D | F |
| | mm | mm |
| AGVH/V 080.3 .../... -N bis / to -E | 800 | 310 |
| AGVH/V 090.2 .../... -N bis / to -E | 900 | 360 |
| AGVH/V 100.2 .../... -N bis / to -E | 1000 | 250 |

Technische Daten je Ventilator

Technical data per fan

| Typ Type | Spannung / Frequenz / Anzahl Phase Voltage / Frequency / Number of phases | Drehzahl Speed | Stromstärke Current | el. Leistung el. power | Schall- leistungspegel Sound power level |
|--------------------------|--|-----------------------|----------------------------|-------------------------------|---|
| | | min ⁻¹ | A | P _{el} kW | L _{wa} dB(A) |
| AGVH/V 080 .../... -N(D) | 400 V / 50 Hz / 3~ (Δ) | 890 | 3,8 | 1,8 | 80 |
| AGVH/V 080 .../... -N(S) | 400 V / 50 Hz / 3~ (Y) | 690 | 2,2 | 1,15 | 73 |
| AGVH/V 080 .../... -M(D) | 400 V / 50 Hz / 3~ (Δ) | 800 | 2,8 | 1,5 | 77 |
| AGVH/V 080 .../... -M(S) | 400 V / 50 Hz / 3~ (Y) | 530 | 1,45 | 0,78 | 67 |
| AGVH/V 080 .../... -L(D) | 400 V / 50 Hz / 3~ (Δ) | 670 | 1,95 | 0,8 | 73 |
| AGVH/V 080 .../... -L(S) | 400 V / 50 Hz / 3~ (Y) | 510 | 1 | 0,49 | 67 |
| AGVH/V 080 .../... -S(D) | 400 V / 50 Hz / 3~ (Δ) | 440 | 1,05 | 0,31 | 64 |
| AGVH/V 080 .../... -S(S) | 400 V / 50 Hz / 3~ (Y) | 340 | 0,44 | 0,17 | 58 |
| AGVH/V 080 .../... -E(D) | 400 V / 50 Hz / 3~ (Δ) | 400 | 0,7 | 0,25 | 61 |
| AGVH/V 080 .../... -E(S) | 400 V / 50 Hz / 3~ (Y) | 280 | 0,29 | 0,12 | 51 |
| AGVH/V 090 .../... -N(D) | 400 V / 50 Hz / 3~ (Δ) | 890 | 7,2 | 3,6 | 89 |
| AGVH/V 090 .../... -N(S) | 400 V / 50 Hz / 3~ (Y) | 700 | 4,3 | 2,5 | 83 |
| AGVH/V 090 .../... -M(D) | 400 V / 50 Hz / 3~ (Δ) | 770 | 5,1 | 2,8 | 86 |
| AGVH/V 090 .../... -M(S) | 400 V / 50 Hz / 3~ (Y) | 550 | 2,6 | 1,5 | 78 |
| AGVH/V 090 .../... -L(D) | 400 V / 50 Hz / 3~ (Δ) | 600 | 1,6 | 0,76 | 75 |
| AGVH/V 090 .../... -L(S) | 400 V / 50 Hz / 3~ (Y) | 370 | 0,8 | 0,36 | 63 |
| AGVH/V 090 .../... -S(D) | 400 V / 50 Hz / 3~ (Δ) | 440 | 1,8 | 0,7 | 73 |
| AGVH/V 090 .../... -S(S) | 400 V / 50 Hz / 3~ (Y) | 350 | 0,89 | 0,45 | 67 |
| AGVH/V 090 .../... -E(D) | 400 V / 50 Hz / 3~ (Δ) | 390 | 1,1 | 0,55 | 69 |
| AGVH/V 090 .../... -E(S) | 400 V / 50 Hz / 3~ (Y) | 250 | 0,55 | 0,27 | 59 |
| AGVH/V 100 .../... -N(D) | 400 V / 50 Hz / 3~ (Δ) | 670 | 4,2 | 2,2 | 87 |
| AGVH/V 100 .../... -N(S) | 400 V / 50 Hz / 3~ (Y) | 530 | 2,7 | 1,5 | 82 |
| AGVH/V 100 .../... -L(D) | 400 V / 50 Hz / 3~ (Δ) | 520 | 2,7 | 1,2 | 82 |
| AGVH/V 100 .../... -L(S) | 400 V / 50 Hz / 3~ (Y) | 370 | 1,46 | 0,71 | 75 |
| AGVH/V 100 .../... -S(D) | 400 V / 50 Hz / 3~ (Δ) | 420 | 2 | 0,86 | 74 |
| AGVH/V 100 .../... -S(S) | 400 V / 50 Hz / 3~ (Y) | 310 | 0,97 | 0,5 | 66 |
| AGVH/V 100 .../... -E(D) | 400 V / 50 Hz / 3~ (Δ) | 380 | 1,4 | 0,68 | 71 |
| AGVH/V 100 .../... -E(S) | 400 V / 50 Hz / 3~ (Y) | 250 | 0,65 | 0,33 | 62 |

Drehzahlregelung Schaltschränke

Speed control Switch cabinets

Drehzahlregler und Schaltschränke finden Sie im Güntner Katalog und im Güntner Product Calculator, GPC.

You can find speed controllers and switch cabinets in our Güntner catalogue and in the Güntner Product Calculator, GPC.



Schallangaben

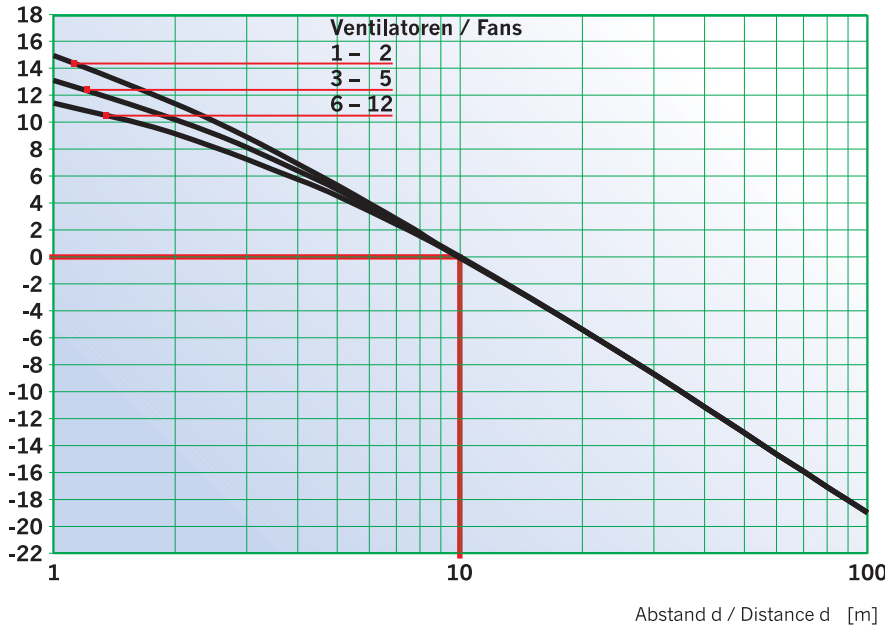
Sound specifications

Zur Ermittlung des Schalldruckpegels sind die Schallleistungen der einzelnen Ventilatoren entsprechend der räumlichen Anordnung zu Grunde zu legen und die Schallausbreitung unter Berücksichtigung der örtlichen und räumlichen Verhältnisse zu bestimmen. Schalt-, Anlauf- und Regelgeräusche sind nicht berücksichtigt.

For the calculation of the sound pressure level, take the sound power of the individual fans acc. to their position, and calculate the sound propagation considering the local and ambient conditions. Speed change, start up and control noises are not taken into account.

| Ventilator typ Fan type | Drehzahl Speed | | Schallleistungspegel L_{wa} — pro Oktave — pro Ventilator Sound power level L_{wa} — per octave — per fan | | | | | | | | | | | | | | | | L_{wa} total | |
|----------------------------|-------------------|-----|--|----|--------|----|--------|----|--------|----|---------|----|---------|----|---------|----|---------|----|-------------------|----|
| | | | 63 Hz | | 125 Hz | | 250 Hz | | 500 Hz | | 1000 Hz | | 2000 Hz | | 4000 Hz | | 8000 Hz | | | |
| | | | Δ | Y | Δ | Y | Δ | Y | Δ | Y | Δ | Y | Δ | Y | Δ | Y | Δ | Y | | |
| 800N | 890 | 690 | 47 | 53 | 64 | 59 | 71 | 64 | 73 | 67 | 74 | 68 | 74 | 67 | 70 | 61 | 64 | 55 | 80 | 73 |
| 800M | 800 | 530 | 45 | 52 | 63 | 51 | 69 | 59 | 71 | 60 | 71 | 62 | 70 | 60 | 65 | 53 | 59 | 47 | 77 | 67 |
| 800L | 670 | 510 | 51 | 45 | 57 | 50 | 63 | 59 | 65 | 58 | 68 | 62 | 57 | 60 | 60 | 53 | 63 | 48 | 73 | 67 |
| 800S | 440 | 340 | 39 | 35 | 49 | 44 | 57 | 48 | 58 | 52 | 60 | 54 | 56 | 49 | 47 | 41 | 44 | 41 | 64 | 58 |
| 800E | 400 | 230 | 35 | 32 | 45 | 38 | 54 | 43 | 55 | 45 | 57 | 47 | 53 | 41 | 44 | 32 | 39 | 27 | 61 | 51 |
| 900N | 890 | 700 | 56 | 58 | 72 | 70 | 79 | 73 | 82 | 76 | 84 | 79 | 82 | 76 | 79 | 73 | 73 | 66 | 89 | 83 |
| 900M | 760 | 500 | 51 | 59 | 67 | 58 | 73 | 66 | 78 | 69 | 81 | 74 | 71 | 73 | 76 | 68 | 65 | 63 | 86 | 78 |
| 900L | 600 | 370 | 54 | 40 | 52 | 52 | 67 | 58 | 69 | 57 | 73 | 60 | 69 | 55 | 62 | 46 | 52 | 35 | 76 | 64 |
| 900S | 440 | 350 | 42 | 41 | 52 | 49 | 63 | 59 | 64 | 61 | 71 | 64 | 64 | 57 | 56 | 49 | 47 | 41 | 73 | 67 |
| 900E | 390 | 250 | 40 | 40 | 50 | 47 | 57 | 52 | 63 | 54 | 66 | 54 | 60 | 47 | 51 | 39 | 43 | 33 | 69 | 59 |
| 1000N | 670 | 530 | 66 | 62 | 73 | 66 | 76 | 74 | 79 | 74 | 82 | 76 | 81 | 77 | 78 | 73 | 71 | 64 | 87 | 82 |
| 1000L | 520 | 370 | 60 | 52 | 66 | 59 | 71 | 63 | 73 | 66 | 77 | 71 | 78 | 70 | 73 | 63 | 64 | 55 | 82 | 75 |
| 1000S | 420 | 310 | 48 | 43 | 58 | 51 | 65 | 56 | 68 | 60 | 70 | 63 | 66 | 56 | 60 | 48 | 51 | 36 | 74 | 66 |
| 1000E | 380 | 250 | 42 | 38 | 55 | 48 | 61 | 53 | 65 | 56 | 68 | 58 | 61 | 50 | 54 | 41 | 44 | 30 | 71 | 62 |

ΔL_{PA} [dB(A)]



Der angegebene Schalldruckpegel ist der (nach EN 13487) rechnerisch ermittelte Schalldruckpegel auf einer zur Referenz umhüllenden in 10 m Abstand parallelen Quaderfläche. Das Nomogramm zur Bestimmung der Schalldruckpegeländerung ΔL_{PA} basiert auf der Änderung des Abstandes d eines quaderförmig umhüllenden Bereiches zu der referenzumhüllenden Quaderfläche. (Standardverfahren zur Berechnung des Schalldruckpegels; Anhang C; EN 13487)

The indicated sound pressure level is based on the calculation (according to EN 13478) of the sound pressure level on the surface of a cuboid area which is at 10 meters distance and parallel to the referential envelope of the sound source. The nomogram for the determination of the difference in the sound pressure level ΔL_{PA} is based on shifting the distance d of the cuboid area in relation to the referential envelope. (standard procedure for the calculation of the sound pressure level; Annex C EN 13487)

| Summierung der Schallleistungen bei mehreren Ventilatoren. Sum of noise powers in case of several fans. | | | | | | | | |
|--|---|---|---|---|---|---|----|----|
| Anzahl der Ventilatoren Number of fans | 2 | 3 | 4 | 5 | 6 | 8 | 10 | 12 |
| Schallzunahme Sound increase ΔdB | 3 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |

**Verflüssiger-Block
Condenser Coil**

Die kältemittelführenden Kernrohre sind durch die bewährte Güntner Tragrohrkonstruktion entlastet. Dadurch ergibt sich eine erhöhte Sicherheit gegen Undichtigkeit.

Kernrohre: Galvanisch verzinktes
Stahlrohr Ø 12 mm
50 × 25 mm versetzt
Lamellen: Aluminium,
Teilung 2,4 mm
Verteil- und Sammelrohre sowie
Rohranschlüsse in Stahl.
Zulässiger Druck: PS = 32 bar

The fluid-carrying core tubes are stressed less due to Güntner's proven floating coil design. This results in increased safety against leakage.

Core tubes: Galvanized steel tube
Ø 12 mm
50 × 25 mm staggered
Fins: aluminium,
2.4 mm fin spacing
Header inlets and outlets as well as
tube connections made of steel.
Admissible pressure: PS = 32 bar

**Gehäuse
Casing**

Stahlblech verzinkt und lackiert,
RAL 7035 (Lichtgrau)

Galvanized steel sheet,
painted to RAL 7035 (light grey)

**Ventilatoren
Fans**

Geräuscharme Axialventilatoren mit wartungsfreien Motoren mit Schutzart IP54, ISO F und DIN VDE 0530, Wuchtgüte Q 6,3 nach VDI 2060, Schutzgitter gemäß EN294.

AGVH/V 067...:
Wechselstrom 230 V 1~ 50 Hz,

von AGVH/V 067... bis 090...:
Drehstrom 400 V 3~ 50 Hz,
zulässige Lufttemperatur (Einsatzbereich) -30 °C bis +55 °C.

Für AGVH/V verwendete Ventilatoren sind drehzahlregelbar mit Güntner Regelgeräten. Drehstromventilatoren können generell durch Δ -Y-Umschaltung mit 2 verschiedenen Drehzahlen betrieben werden.

Ab AGVH/V 080... sind 5 Leistungs- / Schallstufen (N, M, L, S, E) lieferbar. Wir behalten uns vor, verschiedene Ventilatorfabrikate einzusetzen. Je nach Ventilatorfabrikat können die Motordaten geringfügig abweichen. Die entsprechenden elektrischen Daten müssen dem Typenschild entnommen werden. Die Maße F und H ändern sich.

Low-noise axial fans with maintenance-free motors with protection class IP 54, ISO F and DIN VDE 0530, quality of balance Q 6,3 acc. to VDI 2060, protection guard acc. to EN294.

AGVH/V 067...:
alternating current 230 V 1~ 50 Hz

from AGVH/V 067... up to 090...:
three-phase current 400 V 3~ 50 Hz
admissible air temperature (operating range) -30 °C up to +55 °C.

Fans used in AGVH/V can be speed-controlled with Güntner control elements. Three-phase fans can generally be operated at two speeds (Δ -Y-change-over).

In total, from AGVH/V 080... 5 different speed / noise levels are available (N, M, L, S, E). We reserve the right to use fans from different manufacturers. Depending on the fan type, the motor data may slightly vary. For the corresponding electrical data please refer to the nameplate. Dimensions F and H vary.

| | | |
|--------------------------------------|---|---|
| | <p>Bei höheren Lufttemperaturen und anderen Luftwiderständen verändert sich die Stromaufnahme. Die Absicherung der Motoren muss über die eingebauten Thermokontakte (Öffner) erfolgen.</p> <p>Hohe Drehzahl Δ, niedere Drehzahl Y.</p> | <p>In case of higher air temperatures and varying air resistance the power input will change. The integral thermal contacts (thermistors) must be used as motor protection.</p> <p>High speed Δ, low speed Y.</p> |
| Leistungsangaben Capacity | <p>Die Leistungsangaben gelten für NH₃. Die Nennleistungen beziehen sich auf eine Verflüssigungstemperatur $t_c = 40\text{ °C}$, Lufteintrittstemperatur $t_{L1} \hat{=} t_{umg} = 25\text{ °C}$, Temperaturdifferenz $\Delta t = 15\text{ K}$, geodätische Höhe NN. Die Messungen entsprechen auch den Normen EN 327 und EN 13487 (Schallangaben).</p> <p>Mit unserer Auslegungssoftware „Güntner Product Calculator“ erhalten Sie eine genaue thermodynamische Auslegung der gewünschten Gerätevariante mit anderen Betriebsparametern (auch andere geodätische Höhen und Epoxidharz-beschichtete Lamellen).</p> | <p>The nominal capacities refer to a condensation temperature $t_c = 40\text{ °C}$ at an air inlet temperature $t_{a1} \hat{=} t_{sur} = 25\text{ °C}$, temperature difference $\Delta t = 15\text{ K}$, height above sea level NN and are valid for NH₃. Measurements are also in accordance with EN 327 and EN 13487 standards (noise specifications).</p> <p>We recommend that you use our software package “Güntner Product Calculator“ for an exact thermodynamic calculation in different operating parameters (for other height above sea level and epoxy resin coated fins).</p> |
| Anmerkung Notes | <p>Die Axialverflüssiger sind für die Aufstellung im Freien vorgesehen. Zusätzliche externe Druckverluste wurden nicht berücksichtigt. Bei längeren Lager- oder Stillstandzeiten sind die Motoren monatlich 2 bis 4 Stunden in Betrieb zu nehmen.</p> | <p>The axial condensers are designed for outdoor operation with no external pressure drops being considered. In case of long periods of non-operation or storage the motors must be operated every month for 2 – 4 hours.</p> |

Zubehör Accessories

(gegen Mehrpreis lieferbar):

- Reparaturschalter
- Schwingungsdämpfer
- Ausblaskanal
- Drehzahlregler
- Werkseitig montierte Schaltschränke
- Flüssigkeitsbehälter unter-/angebaut (ohne Verrohrung)

(available at additional charge):

- Isolator switch
- Vibration dampers
- Air guiding duct
- Speed controller
- Factory-installed switch cabinets
- Liquid receiver below or integrated (without tubing)

Sonderausführungen Special constructions

(gegen Mehrpreis lieferbar):

- Epoxidharz beschichtete Lamelle
- Gehäuselackierung in DD-Qualität
- Sonderlackierung
- Kreislaufunterteilung
- Unterkühler
- Leergehäuse für Verdichter
- Grundrahmen
- Aufklappbare Ventilatorplatten
- Revisionsöffnungen
- Verlängerte Füße (max. 1000 mm)
- Ohne Füße
- Stirn- und Zwischenbleche Edelstahl

(available at additional charge):

- Epoxy resin coated fin
- Casing paint in DD-quality
- Special paint
- Multiple circuits
- Subcooler
- Weather-proof casing for compressor
- Base frame
- Hinged fan plates
- Inspection openings
- Extra long feet (max. 1000 mm)
- Without feet
- Intermediate and end sheets made from stainless steel