

## SPC HIDROS - Technical Data Sheet General Range

### INTRODUCTION

SPC Hidros General Range Dehumidifiers are high-performance units designed for use in industrial and commercial applications. They allow humidity levels to be controlled and prevent water vapour condensation on cold surfaces. The units are particularly suited for storage facilities, production sites, offices and shops.

The range includes three models. DH units offer a standard dehumidifier design. DHZ units have external condensers to provide temperature control as well as dehumidification capabilities. DHH units are horizontally orientated. Case designs are shown in the opposite pictures.

All SPC Hidros units are fully assembled, wired and tested. They are leak tested under pressure before being charged with refrigerant R407C. Units comply to all relevant European Union Directives and are individually marked with a CE label and provided with a Conformity Declaration.

Installation of SPC Hidros units is simple; once service connections and condensate drains have been connected the unit's installation is complete. Once installed, SPC Hidros units are designed for easy maintenance and service. Each component is readily accessible and easily replaceable.

### MAIN COMPONENTS

|                           |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                 |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Casing                    | Composed of a solid frame and a set of quick release panels (for easy access to internal parts) formed from heavy-gauge galvanised steel sheet, coated with an epoxy based powder paint that is oven baked to increase durability and resistance to corrosion. Drain trays are made of stainless steel.                                                          |  <p>External Condenser</p> |
| Compressor                | Reciprocating hermetic type, suction gas cooled, direct start, crank case heater, thermal overload protection, with pressure tapplings on suction and discharge side. The compressors are mounted on rubber antivibration mounts.                                                                                                                                |                                                                                                                 |
| Evaporator                | Direct-expansion evaporator coil constructed from copper tubes mechanically expanded into aluminium fins, vertically mounted, with stainless steel condensate tray at the bottom. An air filter is installed on the coil inlet as standard.                                                                                                                      |                                                                                                                 |
| Condenser                 | Condenser coil constructed from copper tubes mechanically expanded into aluminium fins, vertically mounted.                                                                                                                                                                                                                                                      |                                                                                                                 |
| Fan                       | Centrifugal double inlet fan, statically and dynamically balanced, with direct coupled three speed motor (belt and pulley transmission on sizes 560-940). NOTE: DHH Units have a backward curved centrifugal type fan, statically and dynamically balanced with direct coupled three speed motor. Fan and outlet plenum allow user configurable outlet position. |                                                                                                                 |
| Remote External Condenser | Condenser coil constructed from copper tubes, mechanically expanded into aluminium fins. Axial fan directly coupled to 6-pole electric motor, equipped with thermal overload cutout. A fan speed regulator is supplied as standard to ensure optimal performance.                                                                                                |                                                                                                                 |
| Refrigerant Circuit       | This consists of a filter drier, expansion device, high and low pressure switches and a set of solenoid valves (hot gas defrost version unit only).                                                                                                                                                                                                              |                                                                                                                 |



|                    |                                                                                                                                                                                                                                                                         |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Electrical Board   | This consists of compressor fuses, fan fuses, auxiliary circuit fuses, compressor contactor, fan relay terminal block with connection for remote on-off and hygrostat control and local on-off switch.                                                                  |
| Micro-processor    | Standard on all units. This controls the unit from the hygrostat and defrost thermostat. It controls the compressor start and stop sequence, defrost cycles and alarms. A dedicated LED panel signals supply presence, running mode, defrost pending or alarm presence. |
| Defrost Thermostat | Standard on all units. This signals to the microprocessor control that defrost cycle is needed and controls its termination.                                                                                                                                            |

## ACCESSORIES

Each model of SPC Hidros Engeral Range has a range of optional accessories, these are listed below.

### ACCESSORIES - DH MODEL

| MODEL - DH                                                     | 75 | 100 | 120 | 130 | 160 | 200 | 330 | 400 | 560 | 740 | 940 |
|----------------------------------------------------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Built-in Mechanical Hygrostat                                  | ✓  | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   |
| Remote Mechanical Hygrostat                                    | ✓  | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   |
| Remote Electronic Hygrostat                                    | ✓  | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   |
| Stainless steel frame                                          | ✓  | ✓   | ✓   | ✓   | ✓   | ✓   |     |     |     |     |     |
| Wall Mounting Kit                                              | ✓  | ✓   | ✓   | ✓   | ✓   | ✓   |     |     |     |     |     |
| Hot Gas Defrost With Solenoid Valve Set on Refrigerant Circuit | ✓  | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   |
| Condensate Pump                                                | ✓  | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   |
| Floor Trolley Version                                          | ✓  | ✓   | ✓   | ✓   | ✓   | ✓   |     |     |     |     |     |
| Horizontal Discharge Plenum                                    |    |     |     | ✓   | ✓   | ✓   |     |     |     |     |     |
| High Available Static Pressure Fan                             |    |     |     |     |     |     |     |     | ✓   | ✓   | ✓   |
| Air Filter With Supporting Frame for Ducted Air Inlet          |    |     |     |     |     |     |     |     | ✓   | ✓   | ✓   |

### ACCESSORIES - DHZ MODEL

| MODEL - DHZ                                                    | 200 | 330 | 400 | 560 | 740 | 940 |
|----------------------------------------------------------------|-----|-----|-----|-----|-----|-----|
| Mechanical Hygrostat-Thermostat                                | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   |
| Electronic Hygrostat-Thermostat                                | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   |
| Stainless Steel Frame                                          | ✓   |     |     |     |     |     |
| Wall Mounting Kit                                              | ✓   |     |     |     |     |     |
| Hot Gas Defrost With Solenoid Valve Set on Refrigerant Circuit | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   |
| Condensate Pump                                                | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   |
| High Available Static Pressure Fan                             |     |     |     | ✓   | ✓   | ✓   |
| Air Filter With Supporting Frame for Ducted Air Inlet          |     |     |     | ✓   | ✓   | ✓   |
| Low Noise Version Remote Condenser                             | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   |

### ACCESSORIES - DHH MODEL

| MODEL - DHH                                                    | 75 | 100 | 120 |
|----------------------------------------------------------------|----|-----|-----|
| Built-in Mechanical Hygrostat                                  | ✓  | ✓   | ✓   |
| Remote Mechanical Hygrostat                                    | ✓  | ✓   | ✓   |
| Remote Eelectronic Hhygrostat                                  | ✓  | ✓   | ✓   |
| Stainless Steel Frame                                          | ✓  | ✓   | ✓   |
| Hot Gas Defrost With Solenoid Valve Set on Refrigerant Circuit | ✓  | ✓   | ✓   |
| Condensate Pump                                                | ✓  | ✓   | ✓   |
| Floor Trolley Version (inc. Wheels and Water Collecting Tray)  | ✓  | ✓   | ✓   |

# TECHNICAL DATA

The tables below show technical data for the SPC Hidros General Range. Detailed performance data is supplied overleaf.

## TECHNICAL DATA - DH MODEL

| MODEL - DH                       | DH75                | DH100               | DH120                | DH130                | DH160                | DH200                | DH330                | DH400                | DH560                | DH740                | DH940                |
|----------------------------------|---------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Moisture Removal Rate (l/24h)    | 75.1 <sup>(1)</sup> | 93.7 <sup>(1)</sup> | 124.0 <sup>(1)</sup> | 126.8 <sup>(1)</sup> | 164.3 <sup>(1)</sup> | 194.1 <sup>(1)</sup> | 329.9 <sup>(1)</sup> | 414.8 <sup>(1)</sup> | 564.1 <sup>(1)</sup> | 738.5 <sup>(1)</sup> | 937.3 <sup>(1)</sup> |
| Nominal Absorbed Power (kW)      | 1.45 <sup>(1)</sup> | 1.65 <sup>(1)</sup> | 2.15 <sup>(1)</sup>  | 1.95 <sup>(1)</sup>  | 2.55 <sup>(1)</sup>  | 2.95 <sup>(1)</sup>  | 5.3 <sup>(1)</sup>   | 6.6 <sup>(1)</sup>   | 8.7 <sup>(1)</sup>   | 11.3 <sup>(1)</sup>  | 14.9 <sup>(1)</sup>  |
| Maximum Absorbed Power (kW)      | 1.55 <sup>(2)</sup> | 1.85 <sup>(2)</sup> | 2.35 <sup>(2)</sup>  | 2.15 <sup>(2)</sup>  | 2.85 <sup>(2)</sup>  | 3.25 <sup>(2)</sup>  | 5.8 <sup>(2)</sup>   | 7.3 <sup>(2)</sup>   | 9.5 <sup>(2)</sup>   | 12.4 <sup>(2)</sup>  | 16.4 <sup>(2)</sup>  |
| Nominal Absorbed Current (A)     | 7.3 <sup>(1)</sup>  | 8.5 <sup>(1)</sup>  | 11.3 <sup>(1)</sup>  | 4.8 <sup>(1)</sup>   | 5.9 <sup>(1)</sup>   | 7.6 <sup>(1)</sup>   | 13.5 <sup>(1)</sup>  | 15.8 <sup>(1)</sup>  | 15.5 <sup>(1)</sup>  | 18.7 <sup>(1)</sup>  | 24.7 <sup>(1)</sup>  |
| Maximum Absorbed Current (A)     | 7.9 <sup>(2)</sup>  | 9.2 <sup>(2)</sup>  | 12.2 <sup>(2)</sup>  | 5.1 <sup>(2)</sup>   | 6.4 <sup>(2)</sup>   | 8.1 <sup>(2)</sup>   | 14.2 <sup>(2)</sup>  | 16.5 <sup>(2)</sup>  | 17.0 <sup>(2)</sup>  | 20.5 <sup>(2)</sup>  | 27.4 <sup>(2)</sup>  |
| Air Flow (m³/s)                  | 0.277               | 0.277               | 0.333                | 0.361                | 0.388                | 0.528                | 1.055                | 1.111                | 1.430                | 1.903                | 2.277                |
| Available Static Pressure (Pa)   | 50                  |                     |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Refrigerant                      | R407C               |                     |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Sound Pressure Level (dBa)       | 56 <sup>(5)</sup>   | 58 <sup>(5)</sup>   | 59 <sup>(5)</sup>    | 60 <sup>(5)</sup>    | 61 <sup>(5)</sup>    | 62 <sup>(5)</sup>    | 66 <sup>(5)</sup>    | 68 <sup>(5)</sup>    | 72 <sup>(5)</sup>    | 73 <sup>(5)</sup>    | 74 <sup>(5)</sup>    |
| Operating Temperature Range (°C) | 5 to 35             |                     |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Operating Humidity Range (%)     | 30 to 99            |                     |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Length (mm)                      | 570                 |                     |                      |                      |                      |                      | 1004                 |                      | 1630                 |                      |                      |
| Depth (mm)                       | 550                 |                     |                      | 700                  |                      |                      | 635                  |                      | 1010                 |                      |                      |
| Height (mm)                      | 770                 |                     |                      | 850                  |                      |                      | 1283                 |                      | 1410                 |                      |                      |
| Weight (kg)                      | 68                  | 75                  | 79                   | 100                  | 102                  | 108                  | 175                  | 205                  | 390                  | 412                  | 439                  |
| Power Supply                     | 230 / 1 / 50        |                     |                      |                      |                      | 400 / 3 / 50         |                      |                      |                      |                      |                      |

## TECHNICAL DATA - DHZ MODEL

| MODEL - DHZ                               | DHZ200               | DHZ300               | DHZ400               | DHZ560               | DHZ740               | DHZ940               |
|-------------------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Moisture Removal Rate (l/24h)             | 194.1 <sup>(1)</sup> | 329.9 <sup>(1)</sup> | 414.8 <sup>(1)</sup> | 564.1 <sup>(1)</sup> | 738.5 <sup>(1)</sup> | 937.3 <sup>(1)</sup> |
| Nominal Absorbed Power - Drying Mode (kW) | 2.7 <sup>(1)</sup>   | 5.9 <sup>(1)</sup>   | 6.6 <sup>(1)</sup>   | 9.1 <sup>(1)</sup>   | 11.7 <sup>(1)</sup>  | 15.3 <sup>(1)</sup>  |
| Cooling Capacity                          | 9.1 <sup>(3)</sup>   | 15.5 <sup>(3)</sup>  | 19.4 <sup>(3)</sup>  | 26.5 <sup>(3)</sup>  | 34.6 <sup>(3)</sup>  | 43.8 <sup>(3)</sup>  |
| Nominal Absorbed Power - Cooling Mode(kW) | 2.6 <sup>(3)</sup>   | 5.8 <sup>(3)</sup>   | 6.5 <sup>(3)</sup>   | 8.9 <sup>(3)</sup>   | 11.4 <sup>(3)</sup>  | 15.0 <sup>(3)</sup>  |
| Maximum Absorbed Power (kW)               | 3.6 <sup>(4)</sup>   | 6.4 <sup>(4)</sup>   | 7.9 <sup>(4)</sup>   | 9.9 <sup>(4)</sup>   | 12.8 <sup>(4)</sup>  | 16.8 <sup>(4)</sup>  |
| Nominal Absorbed Current (A)              | 9.2 <sup>(1)</sup>   | 16.7 <sup>(1)</sup>  | 19.0 <sup>(1)</sup>  | 19.1 <sup>(1)</sup>  | 22.3 <sup>(1)</sup>  | 28.5 <sup>(1)</sup>  |
| Maximum Absorbed Current (A)              | 9.7 <sup>(4)</sup>   | 17.4 <sup>(4)</sup>  | 19.7 <sup>(4)</sup>  | 20.5 <sup>(4)</sup>  | 24.1 <sup>(4)</sup>  | 31.0 <sup>(4)</sup>  |
| Air Flow (m³/s)                           | 0.528                | 1.055                | 1.111                | 1.430                | 1.903                | 2.777                |
| Available Static Pressure (Pa)            | 0                    | 50                   |                      |                      |                      |                      |
| Refrigerant                               | R407C                |                      |                      |                      |                      |                      |
| Sound Pressure Level (dBa)                | 62 <sup>(5)</sup>    | 66 <sup>(5)</sup>    | 68 <sup>(5)</sup>    | 72 <sup>(5)</sup>    | 73 <sup>(5)</sup>    | 74 <sup>(5)</sup>    |
| Operating Temperature Range (°C)          | 5 to 35              |                      |                      |                      |                      |                      |
| Operating Humidity Range (%)              | 30 to 99             |                      |                      |                      |                      |                      |
| Length (mm)                               | 570                  | 1004                 |                      | 1630                 |                      |                      |
| Depth (mm)                                | 700                  | 635                  |                      | 1010                 |                      |                      |
| Height (mm)                               | 850                  | 1283                 |                      | 1410                 |                      |                      |
| Weight (kg)                               | 108                  | 175                  | 205                  | 390                  | 412                  | 439                  |
| Power Supply                              | 400 / 3 / 50         |                      |                      |                      |                      |                      |

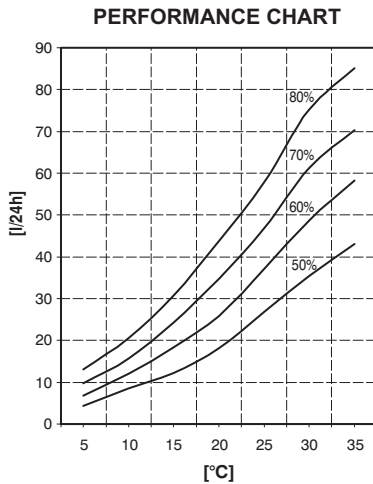
- NOTES: (1) Room temperature 30 °C, relative humidity 80%  
 (2) Room temperature 35°C, relative humidity 80%  
 (3) Room temperature 30°C, relative humidity 80%, ambient temperature 35°C  
 (4) Room temperature 35°C, relative humidity 80%, ambient temperature 35°C  
 (5) At 1m in free field condition over a reflecting surface

### TECHNICAL DATA - DHH MODEL

| MODEL - DHH                      | 75                  | 100                 | 120                  |
|----------------------------------|---------------------|---------------------|----------------------|
| Moisture Removal Rate (l/24h)    | 75.1 <sup>(1)</sup> | 93.7 <sup>(1)</sup> | 124.0 <sup>(1)</sup> |
| Nominal Absorbed Power (kW)      | 1.5 <sup>(1)</sup>  | 1.7 <sup>(1)</sup>  | 2.2 <sup>(1)</sup>   |
| Maximum Absorbed Power (kW)      | 1.6 <sup>(2)</sup>  | 1.9 <sup>(2)</sup>  | 2.4 <sup>(2)</sup>   |
| Nominal Absorbed Current (A)     | 7.6 <sup>(1)</sup>  | 8.8 <sup>(1)</sup>  | 11.6 <sup>(1)</sup>  |
| Maximum Absorbed Current (A)     | 8.2 <sup>(2)</sup>  | 9.5 <sup>(2)</sup>  | 12.5 <sup>(2)</sup>  |
| Air Flow (m³/s)                  | 0.277               | 0.277               | 0.333                |
| Available Static Pressure (Pa)   | 100                 | 50                  |                      |
| Refrigerant                      | R407C               |                     |                      |
| Sound Pressure Level (dBa)       | 56 <sup>(3)</sup>   | 58 <sup>(3)</sup>   | 59 <sup>(3)</sup>    |
| Operating Temperature Range (°C) | 5 to 35             |                     |                      |
| Operating Humidity Range (%)     | 30 to 99            |                     |                      |
| Length (mm)                      | 732                 |                     |                      |
| Depth (mm)                       | 540                 |                     |                      |
| Height (mm)                      | 459                 |                     |                      |
| Weight (kg)                      | 64                  | 71                  | 75                   |
| Power Supply                     | 230 / 1 / 50        |                     |                      |

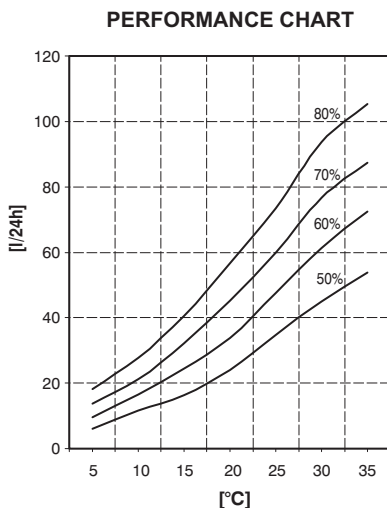
NOTES: (1) Ambient temperature 30 °C, relative humidity 80%  
 (2) Ambient temperature 35 °C, relative humidity 80%  
 (3) At 1m in free field condition over a reflecting surface

## PERFORMANCE DATA - DH75



|                   |     | TEMPERATURE (°C)              | 5    | 10   | 15   | 20   | 25   | 30                  | 35   |
|-------------------|-----|-------------------------------|------|------|------|------|------|---------------------|------|
| RELATIVE HUMIDITY | 50% | Moisture Removal Rate (l/24h) | 4.3  | 8.5  | 12.1 | 18.2 | 26.9 | 35.5                | 43.0 |
|                   |     | Absorbed Power (kW)           | 0.6  | 0.8  | 0.9  | 1.0  | 1.1  | 1.2                 | 1.3  |
|                   |     | Air Temperature Increase (°C) | 2.2  | 3.0  | 3.6  | 4.4  | 5.5  | 6.6                 | 7.6  |
|                   |     | Ambient Thermal Load (kW)     | 0.9  | 1.2  | 1.4  | 1.6  | 2.0  | 2.4                 | 2.7  |
|                   | 60% | Moisture Removal Rate (l/24h) | 6.8  | 12.0 | 18.3 | 25.8 | 37.1 | 48.7                | 58.2 |
|                   |     | Absorbed Power (kW)           | 0.6  | 0.8  | 0.9  | 1.0  | 1.1  | 1.2                 | 1.3  |
|                   |     | Air Temperature Increase (°C) | 2.5  | 3.4  | 4.2  | 5.2  | 6.5  | 7.8                 | 9.0  |
|                   |     | Ambient Thermal Load (kW)     | 1.0  | 1.3  | 1.6  | 1.9  | 2.3  | 2.8                 | 3.2  |
|                   | 70% | Moisture Removal Rate (l/24h) | 9.8  | 15.6 | 24.3 | 34.7 | 46.9 | 61.1                | 70.3 |
|                   |     | Absorbed Power (kW)           | 0.7  | 0.8  | 0.9  | 1.0  | 1.1  | 1.3                 | 1.4  |
|                   |     | Air Temperature Increase (°C) | 2.8  | 3.7  | 4.8  | 6.0  | 7.4  | 9.0                 | 10.1 |
|                   |     | Ambient Thermal Load (kW)     | 1.1  | 1.4  | 1.8  | 2.2  | 2.6  | 3.2                 | 3.6  |
|                   | 80% | Moisture Removal Rate (l/24h) | 13.0 | 20.5 | 30.7 | 43.8 | 57.8 | 75.1 <sup>(1)</sup> | 85.1 |
|                   |     | Absorbed Power (kW)           | 0.7  | 0.8  | 0.9  | 1.1  | 1.2  | 1.3 <sup>(1)</sup>  | 1.4  |
|                   |     | Air Temperature Increase (°C) | 3.2  | 4.2  | 5.4  | 6.9  | 8.4  | 10.3 <sup>(1)</sup> | 11.5 |
|                   |     | Ambient Thermal Load (kW)     | 1.2  | 1.6  | 2.0  | 2.5  | 3.0  | 3.6 <sup>(1)</sup>  | 4.0  |

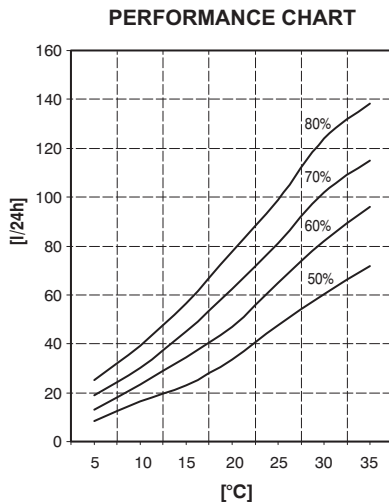
## PERFORMANCE DATA - DH100



|                   |     | TEMPERATURE (°C)              | 5    | 10   | 15   | 20   | 25   | 30                  | 35    |
|-------------------|-----|-------------------------------|------|------|------|------|------|---------------------|-------|
| RELATIVE HUMIDITY | 50% | Moisture Removal Rate (l/24h) | 6.1  | 11.8 | 16.4 | 24.0 | 34.6 | 44.9                | 53.9  |
|                   |     | Absorbed Power (kW)           | 0.8  | 0.9  | 1.0  | 1.1  | 1.3  | 1.4                 | 1.5   |
|                   |     | Air Temperature Increase (°C) | 2.8  | 3.7  | 4.4  | 5.4  | 6.7  | 8.0                 | 9.1   |
|                   |     | Ambient Thermal Load (kW)     | 1.1  | 1.4  | 1.6  | 2.0  | 2.4  | 2.8                 | 3.2   |
|                   | 60% | Moisture Removal Rate (l/24h) | 9.6  | 16.5 | 24.4 | 33.8 | 47.6 | 61.2                | 72.6  |
|                   |     | Absorbed Power (kW)           | 0.8  | 0.9  | 1.1  | 1.2  | 1.3  | 1.4                 | 1.6   |
|                   |     | Air Temperature Increase (°C) | 3.2  | 4.2  | 5.2  | 6.4  | 7.9  | 9.5                 | 10.9  |
|                   |     | Ambient Thermal Load (kW)     | 1.2  | 1.6  | 1.9  | 2.3  | 2.8  | 3.4                 | 3.8   |
|                   | 70% | Moisture Removal Rate (l/24h) | 13.8 | 21.3 | 32.2 | 45.1 | 59.8 | 76.6                | 87.3  |
|                   |     | Absorbed Power (kW)           | 0.8  | 1.0  | 1.1  | 1.2  | 1.3  | 1.5                 | 1.6   |
|                   |     | Air Temperature Increase (°C) | 3.6  | 4.7  | 6.0  | 7.4  | 9.1  | 11.0                | 12.3  |
|                   |     | Ambient Thermal Load (kW)     | 1.4  | 1.7  | 2.2  | 2.7  | 3.2  | 3.8                 | 4.3   |
|                   | 80% | Moisture Removal Rate (l/24h) | 18.1 | 27.8 | 40.5 | 56.6 | 73.3 | 93.7 <sup>(1)</sup> | 105.3 |
|                   |     | Absorbed Power (kW)           | 0.9  | 1.0  | 1.1  | 1.2  | 1.4  | 1.5 <sup>(1)</sup>  | 1.7   |
|                   |     | Air Temperature Increase (°C) | 4.1  | 5.3  | 6.8  | 8.5  | 10.3 | 12.5 <sup>(1)</sup> | 14.0  |
|                   |     | Ambient Thermal Load (kW)     | 1.5  | 1.9  | 2.4  | 3.0  | 3.6  | 4.4 <sup>(1)</sup>  | 4.9   |

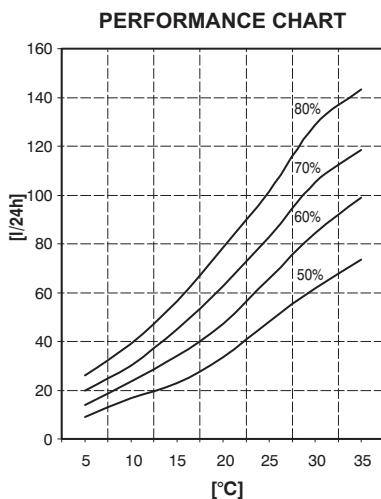
(1) Indicates performance at nominal operating conditions.

## PERFORMANCE DATA - DH120



|                   |     | TEMPERATURE (°C)              | 5    | 10   | 15   | 20   | 25   | 30                   | 35    |
|-------------------|-----|-------------------------------|------|------|------|------|------|----------------------|-------|
| RELATIVE HUMIDITY | 50% | Moisture Removal Rate (l/24h) | 8.3  | 16.5 | 23.1 | 33.6 | 47.5 | 60.4                 | 71.7  |
|                   |     | Absorbed Power (kW)           | 0.9  | 1.1  | 1.3  | 1.5  | 1.7  | 1.9                  | 2.0   |
|                   |     | Air Temperature Increase (°C) | 2.8  | 4.0  | 4.9  | 6.1  | 7.6  | 9.0                  | 10.2  |
|                   |     | Ambient Thermal Load (kW)     | 1.2  | 1.7  | 2.1  | 2.6  | 3.2  | 3.7                  | 4.2   |
|                   | 60% | Moisture Removal Rate (l/24h) | 13.1 | 23.2 | 34.4 | 47.0 | 64.9 | 81.9                 | 96.1  |
|                   |     | Absorbed Power (kW)           | 0.9  | 1.2  | 1.4  | 1.6  | 1.7  | 1.9                  | 2.1   |
|                   |     | Air Temperature Increase (°C) | 3.3  | 4.6  | 5.9  | 7.2  | 8.9  | 10.6                 | 12.0  |
|                   |     | Ambient Thermal Load (kW)     | 1.4  | 2.0  | 2.5  | 3.0  | 3.7  | 4.4                  | 5.0   |
|                   | 70% | Moisture Removal Rate (l/24h) | 19.0 | 30.1 | 45.1 | 62.4 | 81.1 | 101.9                | 115.1 |
|                   |     | Absorbed Power (kW)           | 1.0  | 1.2  | 1.4  | 1.6  | 1.8  | 2.0                  | 2.2   |
|                   |     | Air Temperature Increase (°C) | 3.8  | 5.2  | 6.8  | 8.4  | 10.2 | 12.2                 | 13.5  |
|                   |     | Ambient Thermal Load (kW)     | 1.7  | 2.2  | 2.9  | 3.5  | 4.2  | 5.0                  | 5.6   |
|                   | 80% | Moisture Removal Rate (l/24h) | 25.2 | 39.2 | 56.6 | 77.8 | 98.8 | 124.0 <sup>(1)</sup> | 138.2 |
|                   |     | Absorbed Power (kW)           | 1.0  | 1.3  | 1.5  | 1.6  | 1.8  | 2.0 <sup>(1)</sup>   | 2.2   |
|                   |     | Air Temperature Increase (°C) | 4.4  | 5.9  | 7.7  | 9.6  | 11.5 | 13.8 <sup>(1)</sup>  | 15.3  |
|                   |     | Ambient Thermal Load (kW)     | 1.9  | 2.5  | 3.2  | 4.0  | 4.8  | 5.7 <sup>(1)</sup>   | 6.3   |

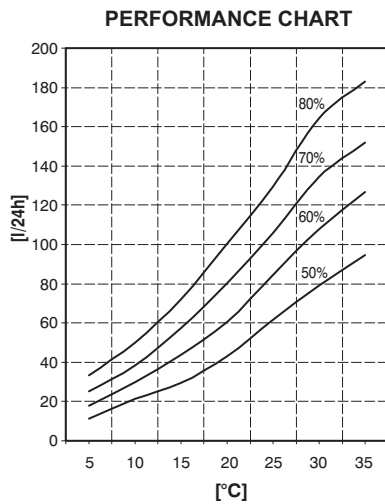
## PERFORMANCE DATA - DH130



|                   |     | TEMPERATURE (°C)              | 5    | 10   | 15   | 20   | 25    | 30                   | 35    |
|-------------------|-----|-------------------------------|------|------|------|------|-------|----------------------|-------|
| RELATIVE HUMIDITY | 50% | Moisture Removal Rate (l/24h) | 9.0  | 16.8 | 23.0 | 33.5 | 48.0  | 61.7                 | 73.5  |
|                   |     | Absorbed Power (kW)           | 0.9  | 1.0  | 1.1  | 1.3  | 1.5   | 1.7                  | 1.9   |
|                   |     | Air Temperature Increase (°C) | 2.6  | 3.5  | 4.1  | 5.1  | 6.5   | 7.9                  | 9.1   |
|                   |     | Ambient Thermal Load (kW)     | 1.3  | 1.7  | 2.0  | 2.4  | 3.0   | 3.6                  | 4.2   |
|                   | 60% | Moisture Removal Rate (l/24h) | 14.1 | 23.4 | 34.2 | 47.0 | 65.9  | 84.2                 | 98.9  |
|                   |     | Absorbed Power (kW)           | 0.9  | 1.1  | 1.2  | 1.3  | 1.5   | 1.7                  | 1.9   |
|                   |     | Air Temperature Increase (°C) | 3.0  | 4.0  | 4.9  | 6.1  | 7.8   | 9.5                  | 10.9  |
|                   |     | Ambient Thermal Load (kW)     | 1.5  | 1.9  | 2.3  | 2.8  | 3.6   | 4.3                  | 4.9   |
|                   | 70% | Moisture Removal Rate (l/24h) | 20.0 | 30.2 | 44.9 | 62.7 | 82.7  | 105.2                | 118.6 |
|                   |     | Absorbed Power (kW)           | 1.0  | 1.1  | 1.2  | 1.4  | 1.6   | 1.8                  | 2.0   |
|                   |     | Air Temperature Increase (°C) | 3.5  | 4.5  | 5.7  | 7.2  | 9.0   | 11.0                 | 12.4  |
|                   |     | Ambient Thermal Load (kW)     | 1.7  | 2.2  | 2.9  | 3.5  | 4.2   | 5.0                  | 5.6   |
|                   | 80% | Moisture Removal Rate (l/24h) | 26.2 | 39.2 | 56.4 | 78.5 | 101.3 | 128.8 <sup>(1)</sup> | 143.1 |
|                   |     | Absorbed Power (kW)           | 1.0  | 1.1  | 1.2  | 1.4  | 1.6   | 1.8 <sup>(1)</sup>   | 2.0   |
|                   |     | Air Temperature Increase (°C) | 3.9  | 5.1  | 6.5  | 8.3  | 10.3  | 12.6 <sup>(1)</sup>  | 14.1  |
|                   |     | Ambient Thermal Load (kW)     | 1.9  | 2.4  | 3.0  | 3.8  | 4.7   | 5.7 <sup>(1)</sup>   | 6.3   |

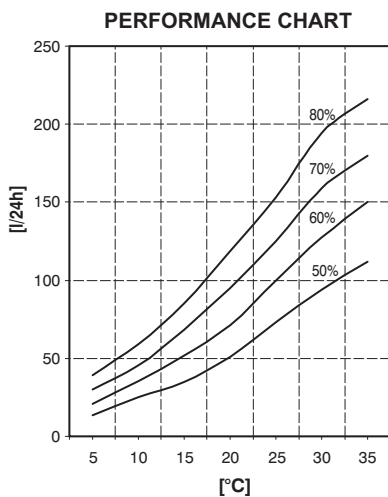
(1) Indicates performance at nominal operating conditions.

## PERFORMANCE DATA - DH160



|                   |     | TEMPERATURE (°C)              | 5    | 10   | 15   | 20    | 25    | 30                   | 35    |
|-------------------|-----|-------------------------------|------|------|------|-------|-------|----------------------|-------|
| RELATIVE HUMIDITY | 50% | Moisture Removal Rate (l/24h) | 11.4 | 21.4 | 29.5 | 43.0  | 61.6  | 79.2                 | 94.4  |
|                   |     | Absorbed Power (kW)           | 1.1  | 1.3  | 1.5  | 1.7   | 1.9   | 2.2                  | 2.5   |
|                   |     | Air Temperature Increase (°C) | 3.1  | 4.1  | 4.9  | 6.1   | 7.8   | 9.5                  | 11.0  |
|                   |     | Ambient Thermal Load (kW)     | 1.6  | 2.1  | 2.5  | 3.0   | 3.8   | 4.6                  | 5.3   |
|                   | 60% | Moisture Removal Rate (l/24h) | 17.8 | 29.9 | 43.6 | 60.3  | 84.4  | 107.8                | 126.8 |
|                   |     | Absorbed Power (kW)           | 1.2  | 1.3  | 1.5  | 1.7   | 2.0   | 2.2                  | 2.5   |
|                   |     | Air Temperature Increase (°C) | 3.5  | 4.7  | 5.9  | 7.3   | 9.3   | 11.3                 | 13.1  |
|                   |     | Ambient Thermal Load (kW)     | 1.8  | 2.4  | 2.9  | 3.6   | 4.5   | 5.5                  | 6.3   |
|                   | 70% | Moisture Removal Rate (l/24h) | 25.4 | 38.5 | 57.5 | 80.3  | 105.8 | 134.6                | 151.9 |
|                   |     | Absorbed Power (kW)           | 1.2  | 1.4  | 1.6  | 1.8   | 2.0   | 2.3                  | 2.6   |
|                   |     | Air Temperature Increase (°C) | 4.1  | 5.3  | 6.8  | 8.7   | 10.8  | 13.1                 | 14.8  |
|                   |     | Ambient Thermal Load (kW)     | 2.1  | 2.6  | 3.4  | 4.2   | 5.2   | 6.4                  | 7.1   |
|                   | 80% | Moisture Removal Rate (l/24h) | 33.2 | 50.1 | 72.2 | 100.4 | 129.5 | 164.3 <sup>(1)</sup> | 182.9 |
|                   |     | Absorbed Power (kW)           | 1.2  | 1.4  | 1.6  | 1.8   | 2.1   | 2.4 <sup>(1)</sup>   | 2.7   |
|                   |     | Air Temperature Increase (°C) | 4.6  | 6.1  | 7.8  | 10.0  | 12.3  | 15.1 <sup>(1)</sup>  | 16.8  |
|                   |     | Ambient Thermal Load (kW)     | 2.3  | 3.0  | 3.8  | 4.9   | 5.9   | 7.3 <sup>(1)</sup>   | 8.1   |

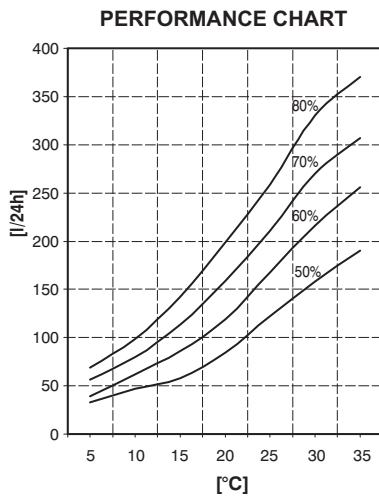
## PERFORMANCE DATA - DH200



|                   |     | TEMPERATURE (°C)              | 5    | 10   | 15   | 20    | 25    | 30                   | 35    |
|-------------------|-----|-------------------------------|------|------|------|-------|-------|----------------------|-------|
| RELATIVE HUMIDITY | 50% | Moisture Removal Rate (l/24h) | 13.4 | 25.3 | 34.9 | 50.9  | 72.9  | 93.8                 | 111.9 |
|                   |     | Absorbed Power (kW)           | 1.2  | 1.5  | 1.7  | 1.9   | 2.2   | 2.5                  | 2.8   |
|                   |     | Air Temperature Increase (°C) | 2.6  | 3.4  | 4.2  | 5.2   | 6.7   | 8.1                  | 9.4   |
|                   |     | Ambient Thermal Load (kW)     | 1.9  | 2.4  | 2.9  | 3.6   | 4.5   | 5.4                  | 6.3   |
|                   | 60% | Moisture Removal Rate (l/24h) | 20.9 | 35.3 | 51.8 | 71.4  | 99.9  | 127.5                | 150.1 |
|                   |     | Absorbed Power (kW)           | 1.3  | 1.5  | 1.7  | 1.9   | 2.2   | 2.6                  | 2.9   |
|                   |     | Air Temperature Increase (°C) | 3.0  | 3.9  | 5.0  | 6.2   | 8.0   | 9.7                  | 11.2  |
|                   |     | Ambient Thermal Load (kW)     | 2.1  | 2.8  | 3.5  | 4.2   | 5.3   | 6.5                  | 7.4   |
|                   | 70% | Moisture Removal Rate (l/24h) | 29.9 | 45.6 | 68.1 | 95.1  | 125.2 | 159.1                | 179.8 |
|                   |     | Absorbed Power (kW)           | 1.3  | 1.6  | 1.8  | 2.0   | 2.3   | 2.6                  | 3.0   |
|                   |     | Air Temperature Increase (°C) | 3.4  | 4.5  | 5.8  | 7.4   | 9.2   | 11.3                 | 12.7  |
|                   |     | Ambient Thermal Load (kW)     | 2.4  | 3.1  | 4.0  | 5.0   | 6.2   | 7.5                  | 8.4   |
|                   | 80% | Moisture Removal Rate (l/24h) | 39.2 | 59.2 | 85.4 | 118.7 | 153.0 | 194.1 <sup>(1)</sup> | 216.3 |
|                   |     | Absorbed Power (kW)           | 1.4  | 1.6  | 1.8  | 2.1   | 2.4   | 2.7 <sup>(1)</sup>   | 3.0   |
|                   |     | Air Temperature Increase (°C) | 3.9  | 5.2  | 6.7  | 8.6   | 10.6  | 12.9 <sup>(1)</sup>  | 14.5  |
|                   |     | Ambient Thermal Load (kW)     | 2.7  | 3.5  | 4.5  | 5.7   | 7.0   | 8.5 <sup>(1)</sup>   | 9.5   |

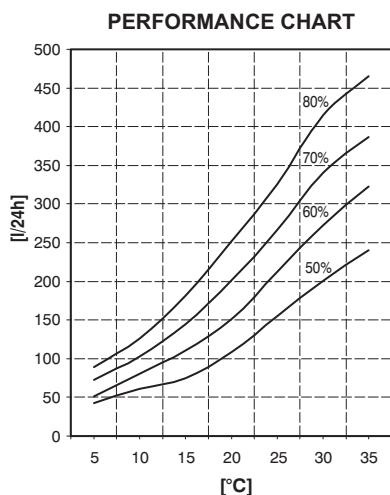
(1) Indicates performance at nominal operating conditions.

## PERFORMANCE DATA - DH330



|                   |     | TEMPERATURE (°C)              | 5    | 10   | 15    | 20    | 25    | 30                   | 35    |
|-------------------|-----|-------------------------------|------|------|-------|-------|-------|----------------------|-------|
| RELATIVE HUMIDITY | 50% | Moisture Removal Rate (l/24h) | 33.2 | 47.3 | 58.0  | 84.8  | 122.3 | 158.4                | 190.1 |
|                   |     | Absorbed Power (kW)           | 2.5  | 2.8  | 3.0   | 3.4   | 3.8   | 4.4                  | 4.9   |
|                   |     | Air Temperature Increase (°C) | 2.7  | 3.2  | 3.6   | 4.5   | 5.8   | 7.0                  | 8.1   |
|                   |     | Ambient Thermal Load (kW)     | 3.9  | 4.6  | 5.1   | 6.3   | 7.9   | 9.5                  | 10.9  |
|                   | 60% | Moisture Removal Rate (l/24h) | 39.4 | 62.2 | 86.1  | 119.1 | 167.7 | 215.9                | 255.7 |
|                   |     | Absorbed Power (kW)           | 2.5  | 2.8  | 3.1   | 3.5   | 4.0   | 4.5                  | 5.0   |
|                   |     | Air Temperature Increase (°C) | 2.8  | 3.6  | 4.3   | 5.4   | 6.9   | 8.4                  | 9.7   |
|                   |     | Ambient Thermal Load (kW)     | 4.1  | 5.1  | 6.1   | 7.4   | 9.3   | 11.2                 | 12.9  |
|                   | 70% | Moisture Removal Rate (l/24h) | 56.2 | 80.2 | 113.3 | 158.9 | 210.7 | 269.9                | 306.9 |
|                   |     | Absorbed Power (kW)           | 2.6  | 2.9  | 3.2   | 3.6   | 4.1   | 4.7                  | 5.2   |
|                   |     | Air Temperature Increase (°C) | 3.3  | 4.0  | 5.0   | 6.4   | 7.9   | 9.7                  | 11.0  |
|                   |     | Ambient Thermal Load (kW)     | 4.7  | 5.7  | 7.0   | 8.7   | 10.7  | 13.0                 | 14.5  |
|                   | 80% | Moisture Removal Rate (l/24h) | 69.2 | 98.3 | 142.2 | 198.7 | 258.0 | 329.9 <sup>(1)</sup> | 370.1 |
|                   |     | Absorbed Power (kW)           | 2.6  | 2.9  | 3.2   | 3.7   | 4.2   | 4.8 <sup>(1)</sup>   | 5.3   |
|                   |     | Air Temperature Increase (°C) | 3.6  | 4.4  | 5.7   | 7.3   | 9.1   | 11.2 <sup>(1)</sup>  | 12.5  |
|                   |     | Ambient Thermal Load (kW)     | 5.1  | 6.2  | 7.8   | 9.9   | 12.1  | 14.8 <sup>(1)</sup>  | 16.5  |

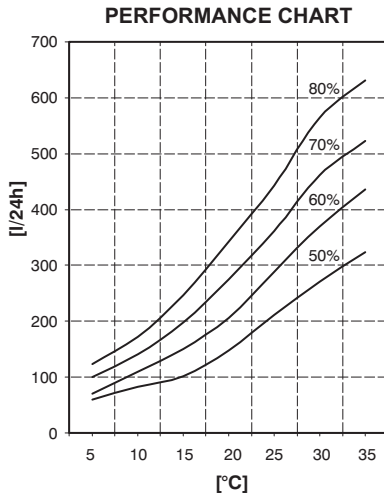
## PERFORMANCE DATA - DH400



|                   |     | TEMPERATURE (°C)              | 5    | 10    | 15    | 20    | 25    | 30                   | 35    |
|-------------------|-----|-------------------------------|------|-------|-------|-------|-------|----------------------|-------|
| RELATIVE HUMIDITY | 50% | Moisture Removal Rate (l/24h) | 43.0 | 60.8  | 74.5  | 108.3 | 155.4 | 200.4                | 240.4 |
|                   |     | Absorbed Power (kW)           | 3.1  | 3.5   | 3.7   | 4.3   | 4.9   | 5.6                  | 6.2   |
|                   |     | Air Temperature Increase (°C) | 3.2  | 3.9   | 4.4   | 5.5   | 6.9   | 8.4                  | 9.7   |
|                   |     | Ambient Thermal Load (kW)     | 4.8  | 5.8   | 6.4   | 7.9   | 9.9   | 11.9                 | 13.6  |
|                   | 60% | Moisture Removal Rate (l/24h) | 51.1 | 80.0  | 110.3 | 151.6 | 212.5 | 272.4                | 322.5 |
|                   |     | Absorbed Power (kW)           | 3.1  | 3.5   | 3.9   | 4.4   | 5.0   | 5.8                  | 6.4   |
|                   |     | Air Temperature Increase (°C) | 3.4  | 4.3   | 5.2   | 6.5   | 8.3   | 10.1                 | 11.6  |
|                   |     | Ambient Thermal Load (kW)     | 5.1  | 6.3   | 7.6   | 9.3   | 11.7  | 14.7                 | 16.2  |
|                   | 70% | Moisture Removal Rate (l/24h) | 72.7 | 103.0 | 144.7 | 201.9 | 266.5 | 340.1                | 386.7 |
|                   |     | Absorbed Power (kW)           | 3.2  | 3.6   | 4.0   | 4.6   | 5.2   | 6.0                  | 6.6   |
|                   |     | Air Temperature Increase (°C) | 3.9  | 4.9   | 6.1   | 7.7   | 9.6   | 11.7                 | 13.2  |
|                   |     | Ambient Thermal Load (kW)     | 5.8  | 7.1   | 8.7   | 10.9  | 13.4  | 16.3                 | 18.3  |
|                   | 80% | Moisture Removal Rate (l/24h) | 89.4 | 126.2 | 181.3 | 251.9 | 325.6 | 414.8 <sup>(1)</sup> | 465.2 |
|                   |     | Absorbed Power (kW)           | 3.2  | 3.6   | 4.1   | 4.7   | 5.3   | 6.1 <sup>(1)</sup>   | 6.8   |
|                   |     | Air Temperature Increase (°C) | 4.3  | 5.4   | 6.9   | 8.9   | 10.9  | 13.4 <sup>(1)</sup>  | 15.0  |
|                   |     | Ambient Thermal Load (kW)     | 6.3  | 7.7   | 9.8   | 12.4  | 15.2  | 18.6 <sup>(1)</sup>  | 20.7  |

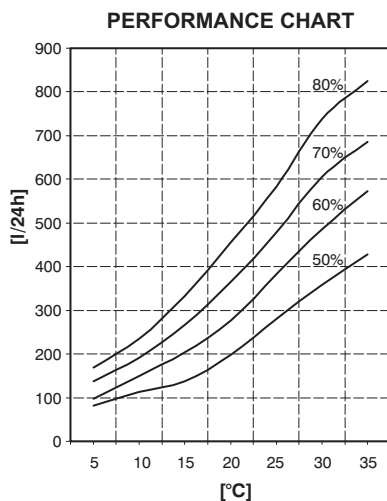
(1) Indicates performance at nominal operating conditions.

## PERFORMANCE DATA - DH560



|                   |     | TEMPERATURE (°C)              | 5     | 10    | 15    | 20    | 25    | 30                   | 35    |
|-------------------|-----|-------------------------------|-------|-------|-------|-------|-------|----------------------|-------|
| RELATIVE HUMIDITY | 50% | Moisture Removal Rate (l/24h) | 59.0  | 83.0  | 101.5 | 147.2 | 210.7 | 271.3                | 324.2 |
|                   |     | Absorbed Power (kW)           | 4.4   | 4.9   | 5.2   | 5.8   | 6.5   | 7.4                  | 8.1   |
|                   |     | Air Temperature Increase (°C) | 3.5   | 4.2   | 4.7   | 5.8   | 7.3   | 8.8                  | 10.1  |
|                   |     | Ambient Thermal Load (kW)     | 6.8   | 8.0   | 8.8   | 10.8  | 13.3  | 15.9                 | 18.2  |
|                   | 60% | Moisture Removal Rate (l/24h) | 70.1  | 109.3 | 150.2 | 206.2 | 288.6 | 369.5                | 435.9 |
|                   |     | Absorbed Power (kW)           | 4.4   | 4.9   | 5.3   | 5.9   | 6.7   | 7.5                  | 8.3   |
|                   |     | Air Temperature Increase (°C) | 3.7   | 4.6   | 5.6   | 6.8   | 8.6   | 10.5                 | 12.0  |
|                   |     | Ambient Thermal Load (kW)     | 7.1   | 8.7   | 10.4  | 12.6  | 15.7  | 18.9                 | 21.6  |
|                   | 70% | Moisture Removal Rate (l/24h) | 99.6  | 140.6 | 197.1 | 274.5 | 362.0 | 461.6                | 522.8 |
|                   |     | Absorbed Power (kW)           | 4.5   | 5.0   | 5.5   | 6.1   | 6.9   | 7.7                  | 8.6   |
|                   |     | Air Temperature Increase (°C) | 4.2   | 5.2   | 6.4   | 8.1   | 10.0  | 12.1                 | 13.6  |
|                   |     | Ambient Thermal Load (kW)     | 8.1   | 9.8   | 11.9  | 14.7  | 18.0  | 21.8                 | 24.4  |
|                   | 80% | Moisture Removal Rate (l/24h) | 122.6 | 172.3 | 247.0 | 342.8 | 442.8 | 564.1 <sup>(1)</sup> | 630.5 |
|                   |     | Absorbed Power (kW)           | 4.5   | 5.0   | 5.6   | 6.2   | 7.0   | 7.9 <sup>(1)</sup>   | 8.7   |
|                   |     | Air Temperature Increase (°C) | 4.6   | 5.7   | 7.3   | 9.3   | 11.4  | 13.9 <sup>(1)</sup>  | 15.5  |
|                   |     | Ambient Thermal Load (kW)     | 8.8   | 10.7  | 13.4  | 16.8  | 20.5  | 24.9 <sup>(1)</sup>  | 27.6  |

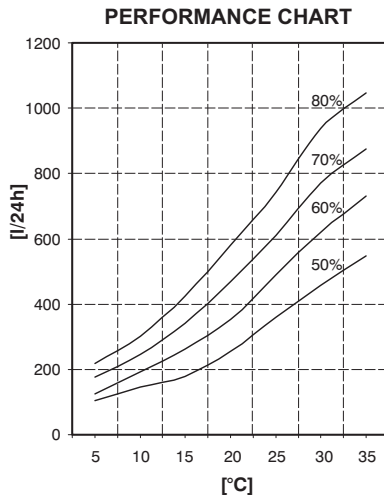
## PERFORMANCE DATA - DH740



|                   |     | TEMPERATURE (°C)              | 5     | 10    | 15    | 20    | 25    | 30                   | 35    |
|-------------------|-----|-------------------------------|-------|-------|-------|-------|-------|----------------------|-------|
| RELATIVE HUMIDITY | 50% | Moisture Removal Rate (l/24h) | 81.8  | 113.5 | 138.2 | 198.0 | 280.5 | 358.5                | 427.9 |
|                   |     | Absorbed Power (kW)           | 5.5   | 6.2   | 6.6   | 7.4   | 8.4   | 9.5                  | 10.5  |
|                   |     | Air Temperature Increase (°C) | 3.4   | 4.1   | 4.6   | 5.7   | 7.1   | 8.6                  | 9.9   |
|                   |     | Ambient Thermal Load (kW)     | 9.0   | 10.5  | 11.6  | 14.2  | 17.6  | 20.9                 | 24.0  |
|                   | 60% | Moisture Removal Rate (l/24h) | 97.2  | 149.4 | 203.4 | 276.1 | 382.7 | 486.5                | 573.3 |
|                   |     | Absorbed Power (kW)           | 5.5   | 6.2   | 6.7   | 7.5   | 8.5   | 9.7                  | 10.8  |
|                   |     | Air Temperature Increase (°C) | 3.6   | 4.5   | 5.5   | 6.7   | 8.5   | 10.3                 | 11.8  |
|                   |     | Ambient Thermal Load (kW)     | 9.4   | 11.6  | 13.7  | 16.6  | 20.7  | 24.8                 | 28.4  |
|                   | 70% | Moisture Removal Rate (l/24h) | 137.6 | 191.6 | 265.7 | 366.3 | 478.7 | 606.2                | 686.2 |
|                   |     | Absorbed Power (kW)           | 5.7   | 6.3   | 7.0   | 7.8   | 8.8   | 10.0                 | 11.1  |
|                   |     | Air Temperature Increase (°C) | 4.2   | 5.1   | 6.3   | 7.9   | 9.8   | 11.9                 | 13.4  |
|                   |     | Ambient Thermal Load (kW)     | 10.8  | 13.0  | 15.7  | 19.4  | 23.7  | 28.6                 | 32.0  |
|                   | 80% | Moisture Removal Rate (l/24h) | 169.4 | 234.9 | 331.8 | 455.4 | 583.5 | 738.5 <sup>(1)</sup> | 824.8 |
|                   |     | Absorbed Power (kW)           | 5.7   | 6.3   | 7.1   | 7.9   | 9.0   | 10.2 <sup>(1)</sup>  | 11.3  |
|                   |     | Air Temperature Increase (°C) | 4.6   | 5.7   | 7.2   | 9.1   | 11.2  | 13.6 <sup>(1)</sup>  | 15.2  |
|                   |     | Ambient Thermal Load (kW)     | 11.7  | 14.2  | 17.8  | 22.2  | 26.9  | 32.6 <sup>(1)</sup>  | 36.2  |

(1) Indicates performance at nominal operating conditions.

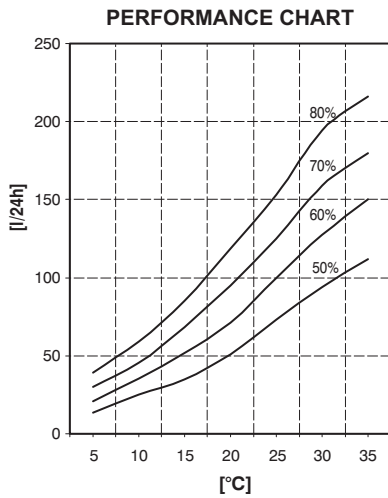
# PERFORMANCE DATA - DH940



|                   |     | TEMPERATURE (°C)              | 5     | 10    | 15    | 20    | 25    | 30                   | 35     |
|-------------------|-----|-------------------------------|-------|-------|-------|-------|-------|----------------------|--------|
| RELATIVE HUMIDITY | 50% | Moisture Removal Rate (l/24h) | 105.3 | 146.0 | 178.0 | 254.4 | 359.7 | 458.3                | 547.3  |
|                   |     | Absorbed Power (kW)           | 7.2   | 8.0   | 8.6   | 9.6   | 11.0  | 12.5                 | 13.8   |
|                   |     | Air Temperature Increase (°C) | 3.7   | 4.4   | 5.0   | 6.1   | 7.7   | 9.3                  | 10.7   |
|                   |     | Ambient Thermal Load (kW)     | 12.4  | 14.4  | 15.9  | 19.2  | 23.5  | 27.9                 | 31.8   |
|                   | 60% | Moisture Removal Rate (l/24h) | 125.0 | 192.0 | 261.1 | 353.7 | 489.1 | 620.1                | 731.3  |
|                   |     | Absorbed Power (kW)           | 7.2   | 8.0   | 8.8   | 9.9   | 11.2  | 12.7                 | 14.1   |
|                   |     | Air Temperature Increase (°C) | 3.9   | 4.9   | 5.9   | 7.3   | 9.2   | 11.1                 | 12.7   |
|                   |     | Ambient Thermal Load (kW)     | 13.0  | 15.8  | 18.5  | 22.3  | 27.5  | 32.8                 | 37.4   |
|                   | 70% | Moisture Removal Rate (l/24h) | 177.2 | 246.4 | 340.7 | 468.5 | 610.9 | 771.6                | 874.0  |
|                   |     | Absorbed Power (kW)           | 7.4   | 8.3   | 9.1   | 10.2  | 11.6  | 13.1                 | 14.6   |
|                   |     | Air Temperature Increase (°C) | 4.5   | 5.6   | 6.9   | 8.6   | 10.6  | 12.8                 | 14.4   |
|                   |     | Ambient Thermal Load (kW)     | 14.7  | 17.6  | 21.2  | 25.9  | 31.4  | 37.6                 | 42.0   |
|                   | 80% | Moisture Removal Rate (l/24h) | 218.1 | 302.0 | 424.7 | 580.8 | 742.4 | 937.3 <sup>(1)</sup> | 1047.8 |
|                   |     | Absorbed Power (kW)           | 7.4   | 8.3   | 9.3   | 10.4  | 11.8  | 13.4 <sup>(1)</sup>  | 14.9   |
|                   |     | Air Temperature Increase (°C) | 5.0   | 6.1   | 7.8   | 9.8   | 12.0  | 14.6 <sup>(1)</sup>  | 16.3   |
|                   |     | Ambient Thermal Load (kW)     | 15.9  | 19.2  | 23.7  | 29.4  | 35.4  | 42.6 <sup>(1)</sup>  | 47.3   |

(1) Indicates performance at nominal operating conditions.

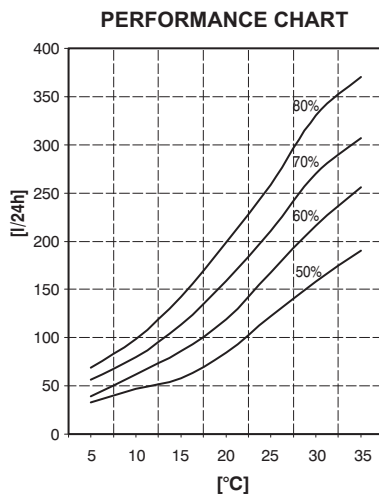
## PERFORMANCE DATA - DHZ200



| DRYING MODE | RELATIVE HUMIDITY | TEMPERATURE (°C)              | 5    | 10   | 15   | 20    | 25    | 30                   | 35    |
|-------------|-------------------|-------------------------------|------|------|------|-------|-------|----------------------|-------|
|             |                   |                               |      |      |      |       |       |                      |       |
| DRYING MODE | 50%               | Moisture Removal Rate (l/24h) | 13.4 | 25.3 | 34.9 | 50.9  | 72.9  | 93.8                 | 111.9 |
|             |                   | Absorbed Power (kW)           | 1.2  | 1.5  | 1.7  | 1.9   | 2.2   | 2.5                  | 2.8   |
|             |                   | Air Temperature Increase (°C) | 2.6  | 3.4  | 4.2  | 5.2   | 6.7   | 8.1                  | 9.4   |
|             |                   | Ambient Thermal Load (kW)     | 1.9  | 2.4  | 2.9  | 3.6   | 4.5   | 5.4                  | 6.3   |
|             | 60%               | Moisture Removal Rate (l/24h) | 20.9 | 35.3 | 51.8 | 71.4  | 99.9  | 127.5                | 150.1 |
|             |                   | Absorbed Power (kW)           | 1.3  | 1.5  | 1.7  | 1.9   | 2.2   | 2.6                  | 2.9   |
|             |                   | Air Temperature Increase (°C) | 3.0  | 3.9  | 5.0  | 6.2   | 8.0   | 9.7                  | 11.2  |
|             |                   | Ambient Thermal Load (kW)     | 2.1  | 2.8  | 3.5  | 4.2   | 5.3   | 6.5                  | 7.4   |
|             | 70%               | Moisture Removal Rate (l/24h) | 29.9 | 45.6 | 68.1 | 95.1  | 125.2 | 159.1                | 179.8 |
|             |                   | Absorbed Power (kW)           | 1.3  | 1.6  | 1.8  | 2.0   | 2.3   | 2.6                  | 3.0   |
|             |                   | Air Temperature Increase (°C) | 3.4  | 4.5  | 5.8  | 7.4   | 9.2   | 11.3                 | 12.7  |
|             |                   | Ambient Thermal Load (kW)     | 2.4  | 3.1  | 4.0  | 5.0   | 6.2   | 7.5                  | 8.4   |
|             | 80%               | Moisture Removal Rate (l/24h) | 39.2 | 59.2 | 85.4 | 118.7 | 153.0 | 194.1 <sup>(1)</sup> | 216.3 |
|             |                   | Absorbed Power (kW)           | 1.4  | 1.6  | 1.8  | 2.1   | 2.4   | 2.7 <sup>(1)</sup>   | 3.0   |
|             |                   | Air Temperature Increase (°C) | 3.9  | 5.2  | 6.7  | 8.6   | 10.6  | 12.9 <sup>(1)</sup>  | 14.5  |
|             |                   | Ambient Thermal Load (kW)     | 2.7  | 3.5  | 4.5  | 5.7   | 7.0   | 8.5 <sup>(1)</sup>   | 9.5   |

| COOLING<br>MODE | RELATIVE<br>HUMIDITY | 60% | Cooling Capacity (kW) | 1.9 | 2.8 | 3.8 | 4.9 | 6.3 | 8.0                | 9.1  |
|-----------------|----------------------|-----|-----------------------|-----|-----|-----|-----|-----|--------------------|------|
|                 |                      |     | Absorbed Power (kW)   | 1.4 | 1.6 | 1.9 | 2.1 | 2.3 | 2.5                | 2.6  |
|                 |                      | 80% | Cooling Capacity (kW) | 2.2 | 3.2 | 4.4 | 5.7 | 7.3 | 9.1 <sup>(1)</sup> | 10.3 |
|                 |                      |     | Absorbed Power (kW)   | 1.5 | 1.8 | 2.0 | 2.2 | 2.4 | 2.6 <sup>(1)</sup> | 2.7  |

## PERFORMANCE DATA - DHZ330

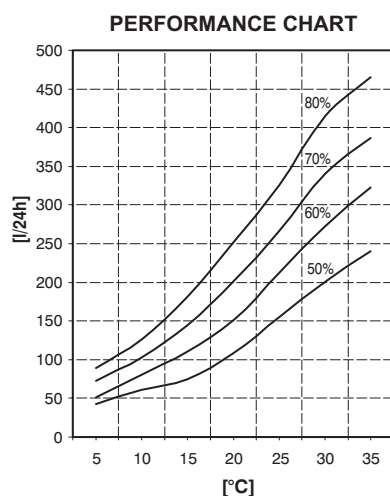


| DRYING MODE | RELATIVE HUMIDITY | TEMPERATURE (°C)              | 5    | 10   | 15    | 20    | 25    | 30                   | 35    |
|-------------|-------------------|-------------------------------|------|------|-------|-------|-------|----------------------|-------|
|             |                   |                               |      |      |       |       |       |                      |       |
| DRYING MODE | 50%               | Moisture Removal Rate (l/24h) | 22.3 | 41.9 | 58.0  | 84.8  | 122.3 | 158.4                | 190.1 |
|             |                   | Absorbed Power (kW)           | 2.3  | 2.7  | 3.0   | 3.4   | 3.8   | 4.4                  | 4.9   |
|             |                   | Air Temperature Increase (°C) | 2.3  | 3.0  | 3.6   | 4.5   | 5.8   | 7.0                  | 8.1   |
|             |                   | Ambient Thermal Load (kW)     | 3.4  | 4.4  | 5.1   | 6.3   | 7.9   | 9.5                  | 10.9  |
|             | 60%               | Moisture Removal Rate (l/24h) | 34.8 | 58.6 | 86.1  | 119.1 | 167.7 | 215.9                | 255.7 |
|             |                   | Absorbed Power (kW)           | 2.3  | 2.7  | 3.1   | 3.5   | 4.0   | 4.5                  | 5.0   |
|             |                   | Air Temperature Increase (°C) | 2.6  | 3.4  | 4.3   | 5.4   | 6.9   | 8.4                  | 9.7   |
|             |                   | Ambient Thermal Load (kW)     | 3.8  | 4.9  | 6.1   | 7.4   | 9.3   | 11.2                 | 12.9  |
|             | 70%               | Moisture Removal Rate (l/24h) | 49.6 | 75.6 | 113.3 | 158.9 | 210.7 | 269.9                | 306.9 |
|             |                   | Absorbed Power (kW)           | 2.4  | 2.8  | 3.2   | 3.6   | 4.1   | 4.7                  | 5.2   |
|             |                   | Air Temperature Increase (°C) | 3.0  | 3.9  | 5.0   | 6.4   | 7.9   | 9.7                  | 11.0  |
|             |                   | Ambient Thermal Load (kW)     | 4.4  | 5.5  | 7.0   | 8.7   | 10.7  | 13.0                 | 14.5  |
|             | 80%               | Moisture Removal Rate (l/24h) | 65.1 | 98.3 | 142.2 | 198.7 | 258.0 | 329.9 <sup>(1)</sup> | 370.1 |
|             |                   | Absorbed Power (kW)           | 2.5  | 2.9  | 3.2   | 3.7   | 4.2   | 4.8 <sup>(1)</sup>   | 5.3   |
|             |                   | Air Temperature Increase (°C) | 3.4  | 4.4  | 5.7   | 7.3   | 9.1   | 11.2 <sup>(1)</sup>  | 12.5  |
|             |                   | Ambient Thermal Load (kW)     | 4.9  | 6.2  | 7.8   | 9.9   | 12.1  | 14.8 <sup>(1)</sup>  | 16.5  |

| COOLING<br>MODE | RELATIVE<br>HUMIDITY | 60% | Cooling Capacity (kW) | 3.2 | 4.7 | 6.3 | 8.2 | 10.6 | 13.5                | 15.5 |
|-----------------|----------------------|-----|-----------------------|-----|-----|-----|-----|------|---------------------|------|
|                 |                      |     | Absorbed Power (kW)   | 2.5 | 3.0 | 3.3 | 3.7 | 4.1  | 4.5                 | 4.7  |
|                 |                      | 80% | Cooling Capacity (kW) | 3.8 | 5.4 | 7.3 | 9.6 | 12.3 | 15.5 <sup>(1)</sup> | 17.6 |
|                 |                      |     | Absorbed Power (kW)   | 2.7 | 3.1 | 3.5 | 3.9 | 4.3  | 4.7 <sup>(1)</sup>  | 4.8  |

(1) Indicates performance at nominal operating conditions.

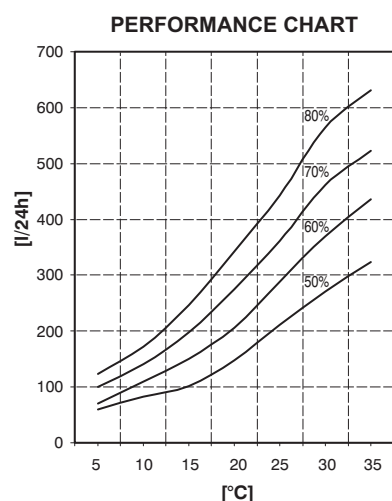
## PERFORMANCE DATA - DHZ400



| DRYING MODE |                   |     | TEMPERATURE (°C)              | 5    | 10    | 15    | 20    | 25    | 30                   | 35    |
|-------------|-------------------|-----|-------------------------------|------|-------|-------|-------|-------|----------------------|-------|
|             | RELATIVE HUMIDITY | 50% | Moisture Removal Rate (l/24h) | 29.1 | 54.1  | 74.5  | 108.3 | 155.4 | 200.4                | 240.4 |
|             |                   |     | Absorbed Power (kW)           | 2.8  | 3.3   | 3.7   | 4.3   | 4.9   | 5.6                  | 6.2   |
|             |                   |     | Air Temperature Increase (°C) | 2.7  | 3.6   | 4.4   | 5.5   | 6.9   | 8.4                  | 9.7   |
|             |                   |     | Ambient Thermal Load (kW)     | 4.2  | 5.4   | 6.4   | 7.9   | 9.9   | 11.9                 | 13.6  |
|             |                   | 60% | Moisture Removal Rate (l/24h) | 45.2 | 75.5  | 110.3 | 151.6 | 212.5 | 272.4                | 322.5 |
|             |                   |     | Absorbed Power (kW)           | 2.9  | 3.4   | 3.9   | 4.4   | 5.0   | 5.8                  | 6.4   |
|             |                   |     | Air Temperature Increase (°C) | 3.1  | 4.1   | 5.2   | 6.5   | 8.3   | 10.1                 | 11.6  |
|             |                   |     | Ambient Thermal Load (kW)     | 4.7  | 6.1   | 7.6   | 9.3   | 11.7  | 14.1                 | 16.2  |
|             |                   | 70% | Moisture Removal Rate (l/24h) | 64.4 | 97.3  | 144.7 | 201.9 | 266.5 | 340.1                | 386.7 |
|             |                   |     | Absorbed Power (kW)           | 3.0  | 3.5   | 4.0   | 4.6   | 5.2   | 6.0                  | 6.6   |
|             |                   |     | Air Temperature Increase (°C) | 3.6  | 4.7   | 6.1   | 7.7   | 9.6   | 11.7                 | 13.2  |
|             |                   |     | Ambient Thermal Load (kW)     | 5.4  | 6.8   | 8.7   | 10.9  | 13.4  | 16.3                 | 18.3  |
|             |                   | 80% | Moisture Removal Rate (l/24h) | 84.3 | 126.2 | 181.3 | 251.9 | 325.6 | 414.6 <sup>(1)</sup> | 465.2 |
|             |                   |     | Absorbed Power (kW)           | 3.1  | 3.6   | 4.1   | 4.7   | 5.3   | 6.1 <sup>(1)</sup>   | 6.8   |
|             |                   |     | Air Temperature Increase (°C) | 4.1  | 5.4   | 6.9   | 8.9   | 10.9  | 13.4 <sup>(1)</sup>  | 15.0  |
|             |                   |     | Ambient Thermal Load (kW)     | 6.0  | 7.7   | 9.8   | 12.4  | 15.2  | 18.6 <sup>(1)</sup>  | 20.7  |

| COOLING MODE | RELATIVE HUMIDITY | 60% | Cooling Capacity (kW) | 4.3 | 6.1 | 8.2 | 10.5 | 13.5 | 17.0                | 19.4 |
|--------------|-------------------|-----|-----------------------|-----|-----|-----|------|------|---------------------|------|
|              |                   |     | Absorbed Power (kW)   | 3.1 | 3.7 | 4.2 | 4.7  | 5.2  | 5.7                 | 6.0  |
|              |                   | 80% | Cooling Capacity (kW) | 5.0 | 7.0 | 9.4 | 12.2 | 15.6 | 19.4 <sup>(1)</sup> | 22.0 |
|              |                   |     | Absorbed Power (kW)   | 3.3 | 3.9 | 4.5 | 5.0  | 5.5  | 6.0 <sup>(1)</sup>  | 6.2  |

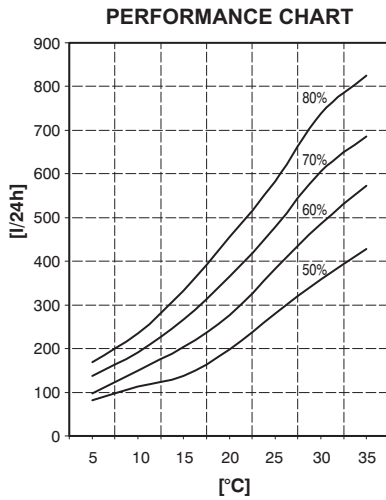
## PERFORMANCE DATA - DHZ560



| DRYING MODE         |                   |                   | TEMPERATURE (°C)              | 5                     | 10    | 15    | 20    | 25                 | 30                   | 35    |      |
|---------------------|-------------------|-------------------|-------------------------------|-----------------------|-------|-------|-------|--------------------|----------------------|-------|------|
|                     | RELATIVE HUMIDITY | 50%               | Moisture Removal Rate (l/24h) | 40.2                  | 74.2  | 101.5 | 147.2 | 210.7              | 271.3                | 324.2 |      |
|                     |                   |                   | Absorbed Power (kW)           | 4.1                   | 4.7   | 5.2   | 5.8   | 6.5                | 7.4                  | 8.1   |      |
|                     |                   |                   | Air Temperature Increase (°C) | 3.0                   | 3.9   | 4.7   | 5.8   | 7.3                | 8.8                  | 10.1  |      |
|                     |                   |                   | Ambient Thermal Load (kW)     | 6.0                   | 7.6   | 8.8   | 10.8  | 13.3               | 15.9                 | 18.2  |      |
|                     |                   | 60%               | Moisture Removal Rate (l/24h) | 62.4                  | 103.3 | 150.2 | 206.2 | 288.6              | 369.5                | 435.9 |      |
|                     |                   |                   | Absorbed Power (kW)           | 4.2                   | 4.8   | 5.3   | 5.9   | 6.7                | 7.5                  | 8.3   |      |
|                     |                   |                   | Air Temperature Increase (°C) | 3.4                   | 4.5   | 5.6   | 6.8   | 8.6                | 10.5                 | 12.0  |      |
|                     |                   |                   | Ambient Thermal Load (kW)     | 6.7                   | 8.5   | 10.4  | 12.6  | 15.7               | 18.9                 | 21.6  |      |
|                     |                   | 70%               | Moisture Removal Rate (l/24h) | 88.7                  | 133.0 | 197.1 | 274.5 | 362.0              | 461.6                | 522.8 |      |
|                     |                   |                   | Absorbed Power (kW)           | 4.3                   | 4.9   | 5.5   | 6.1   | 6.9                | 7.7                  | 8.6   |      |
|                     |                   |                   | Air Temperature Increase (°C) | 4.0                   | 5.0   | 6.4   | 8.1   | 10.0               | 12.1                 | 13.6  |      |
|                     |                   |                   | Ambient Thermal Load (kW)     | 7.6                   | 9.5   | 11.9  | 14.7  | 18.0               | 21.8                 | 24.4  |      |
|                     |                   | 80%               | Moisture Removal Rate (l/24h) | 115.8                 | 172.3 | 247.0 | 342.8 | 442.8              | 564.1 <sup>(1)</sup> | 630.5 |      |
|                     |                   |                   | Absorbed Power (kW)           | 4.4                   | 5.0   | 5.6   | 6.2   | 7.0                | 7.9 <sup>(1)</sup>   | 8.7   |      |
|                     |                   |                   | Air Temperature Increase (°C) | 4.5                   | 5.7   | 7.3   | 9.3   | 11.4               | 13.9 <sup>(1)</sup>  | 15.5  |      |
|                     |                   |                   | Ambient Thermal Load (kW)     | 8.5                   | 10.7  | 13.4  | 16.8  | 20.5               | 24.9 <sup>(1)</sup>  | 27.6  |      |
|                     | COOLING MODE      | RELATIVE HUMIDITY | 60%                           | Cooling Capacity (kW) | 5.9   | 8.3   | 11.0  | 14.1               | 18.3                 | 23.1  | 26.5 |
|                     |                   |                   | Absorbed Power (kW)           | 4.7                   | 5.4   | 5.9   | 6.4   | 7.0                | 7.4                  | 7.7   |      |
|                     |                   | 80%               | Cooling Capacity (kW)         | 6.8                   | 9.5   | 12.7  | 16.5  | 21.1               | 26.5 <sup>(1)</sup>  | 30.1  |      |
| Absorbed Power (kW) |                   |                   | 5.0                           | 5.6                   | 6.2   | 6.8   | 7.2   | 7.7 <sup>(1)</sup> | 7.9                  |       |      |

(1) Indicates performance at nominal operating conditions.

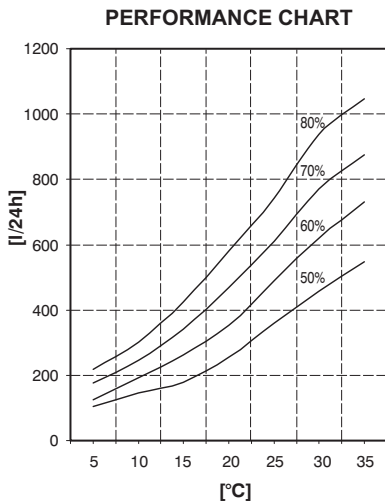
## PERFORMANCE DATA - DHZ740



| DRYING MODE                   |     |                               | TEMPERATURE (°C) | 5     | 10    | 15    | 20                  | 25                   | 30    | 35 |
|-------------------------------|-----|-------------------------------|------------------|-------|-------|-------|---------------------|----------------------|-------|----|
|                               |     |                               |                  |       |       |       |                     |                      |       |    |
|                               | 50% | Moisture Removal Rate (l/24h) | 56.5             | 102.2 | 138.2 | 198.0 | 280.5               | 358.5                | 427.9 |    |
|                               |     | Absorbed Power (kW)           | 5.1              | 5.9   | 6.6   | 7.4   | 8.4                 | 9.5                  | 10.5  |    |
|                               |     | Air Temperature Increase (°C) | 2.9              | 3.8   | 4.6   | 5.7   | 7.1                 | 8.6                  | 9.9   |    |
|                               |     | Ambient Thermal Load (kW)     | 7.9              | 10.0  | 11.6  | 14.2  | 17.6                | 20.9                 | 24.0  |    |
|                               | 60% | Moisture Removal Rate (l/24h) | 87.2             | 141.8 | 203.4 | 276.1 | 382.7               | 486.5                | 573.3 |    |
|                               |     | Absorbed Power (kW)           | 5.3              | 6.0   | 6.7   | 7.5   | 8.5                 | 9.7                  | 10.8  |    |
|                               |     | Air Temperature Increase (°C) | 3.4              | 4.4   | 5.5   | 6.7   | 8.5                 | 10.3                 | 11.8  |    |
|                               |     | Ambient Thermal Load (kW)     | 8.9              | 11.2  | 13.7  | 16.6  | 20.7                | 24.8                 | 28.4  |    |
|                               | 70% | Moisture Removal Rate (l/24h) | 123.6            | 182.0 | 265.7 | 366.3 | 478.7               | 606.2                | 686.2 |    |
|                               |     | Absorbed Power (kW)           | 5.4              | 6.2   | 7.0   | 7.8   | 8.8                 | 10.0                 | 11.1  |    |
|                               |     | Air Temperature Increase (°C) | 3.9              | 5.0   | 6.3   | 7.9   | 9.8                 | 11.9                 | 13.4  |    |
|                               |     | Ambient Thermal Load (kW)     | 10.1             | 12.6  | 15.7  | 19.4  | 23.7                | 28.6                 | 32.0  |    |
|                               | 80% | Moisture Removal Rate (l/24h) | 160.6            | 234.9 | 331.8 | 455.4 | 583.5               | 738.5 <sup>(1)</sup> | 824.8 |    |
|                               |     | Absorbed Power (kW)           | 5.6              | 6.3   | 7.1   | 7.9   | 9.0                 | 10.2 <sup>(1)</sup>  | 11.3  |    |
| Air Temperature Increase (°C) |     | 4.4                           | 5.7              | 7.2   | 9.1   | 11.2  | 13.6 <sup>(1)</sup> | 15.2                 |       |    |
| Ambient Thermal Load (kW)     |     | 11.3                          | 14.2             | 17.8  | 22.2  | 26.9  | 32.6 <sup>(1)</sup> | 36.2                 |       |    |

| COOLING MODE | RELATIVE HUMIDITY | 60% | Cooling Capacity (kW) | 8.4 | 11.6 | 15.1 | 19.1 | 24.3 | 30.4                | 34.6 |
|--------------|-------------------|-----|-----------------------|-----|------|------|------|------|---------------------|------|
|              |                   |     | Absorbed Power (kW)   | 6.0 | 6.8  | 7.5  | 8.2  | 8.9  | 9.6                 | 9.9  |
|              |                   | 80% | Cooling Capacity (kW) | 9.7 | 13.1 | 17.2 | 22.1 | 27.9 | 34.6 <sup>(1)</sup> | 39.1 |
|              |                   |     | Absorbed Power (kW)   | 6.3 | 7.1  | 7.9  | 8.7  | 9.3  | 9.9 <sup>(1)</sup>  | 10.2 |

## PERFORMANCE DATA - DHZ940



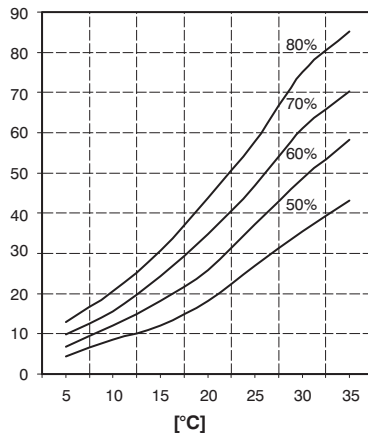
| DRYING MODE |                   |     | TEMPERATURE (°C)              | 5     | 10    | 15    | 20    | 25    | 30                   | 35     |
|-------------|-------------------|-----|-------------------------------|-------|-------|-------|-------|-------|----------------------|--------|
|             | RELATIVE HUMIDITY | 50% | Moisture Removal Rate (l/24h) | 73.1  | 131.9 | 178.0 | 254.4 | 359.7 | 458.3                | 547.3  |
|             |                   |     | Absorbed Power (kW)           | 6.7   | 7.7   | 8.6   | 9.6   | 11.0  | 12.5                 | 13.8   |
|             |                   |     | Air Temperature Increase (°C) | 3.2   | 4.2   | 5.0   | 6.1   | 7.7   | 9.3                  | 10.7   |
|             |                   |     | Ambient Thermal Load (kW)     | 11.0  | 13.7  | 15.9  | 19.2  | 23.5  | 27.9                 | 31.8   |
|             |                   | 60% | Moisture Removal Rate (l/24h) | 112.7 | 182.7 | 261.1 | 353.7 | 489.1 | 620.1                | 731.3  |
|             |                   |     | Absorbed Power (kW)           | 6.9   | 7.9   | 8.8   | 9.9   | 11.2  | 12.7                 | 14.1   |
|             |                   |     | Air Temperature Increase (°C) | 3.7   | 4.8   | 5.9   | 7.3   | 9.2   | 11.1                 | 12.7   |
|             |                   |     | Ambient Thermal Load (kW)     | 12.3  | 15.3  | 18.5  | 22.3  | 27.5  | 32.8                 | 37.4   |
|             |                   | 70% | Moisture Removal Rate (l/24h) | 159.7 | 234.4 | 340.7 | 468.5 | 610.9 | 771.6                | 874.0  |
|             |                   |     | Absorbed Power (kW)           | 7.1   | 8.1   | 9.1   | 10.2  | 11.6  | 13.1                 | 14.6   |
|             |                   |     | Air Temperature Increase (°C) | 4.2   | 5.4   | 6.9   | 8.6   | 10.6  | 12.8                 | 14.4   |
|             |                   |     | Ambient Thermal Load (kW)     | 13.9  | 17.1  | 21.2  | 25.9  | 31.4  | 37.6                 | 42.0   |
|             |                   | 80% | Moisture Removal Rate (l/24h) | 207.1 | 302.0 | 424.7 | 580.8 | 742.4 | 937.3 <sup>(1)</sup> | 1047.8 |
|             |                   |     | Absorbed Power (kW)           | 7.3   | 8.3   | 9.3   | 10.4  | 11.8  | 13.4 <sup>(1)</sup>  | 14.9   |
|             |                   |     | Air Temperature Increase (°C) | 4.8   | 6.1   | 7.8   | 9.8   | 12.0  | 14.6 <sup>(1)</sup>  | 16.3   |
|             |                   |     | Ambient Thermal Load (kW)     | 15.4  | 19.2  | 23.7  | 29.4  | 35.4  | 42.6 <sup>(1)</sup>  | 47.3   |

| COOLING MODE | RELATIVE HUMIDITY | 60% | Cooling Capacity (kW) | 11.5 | 15.6 | 19.8 | 24.8 | 31.2 | 38.7                | 43.8 |
|--------------|-------------------|-----|-----------------------|------|------|------|------|------|---------------------|------|
|              |                   |     | Absorbed Power (kW)   | 7.8  | 8.9  | 9.8  | 10.7 | 11.7 | 12.6                | 13.1 |
|              |                   | 80% | Cooling Capacity (kW) | 13.1 | 17.4 | 22.5 | 28.6 | 35.6 | 43.6 <sup>(1)</sup> | 49.3 |
|              |                   |     | Absorbed Power (kW)   | 8.3  | 9.3  | 10.3 | 11.3 | 12.2 | 13.1 <sup>(1)</sup> | 13.5 |

(1) Indicates performance at nominal operating conditions.

## PERFORMANCE DATA - DHH75

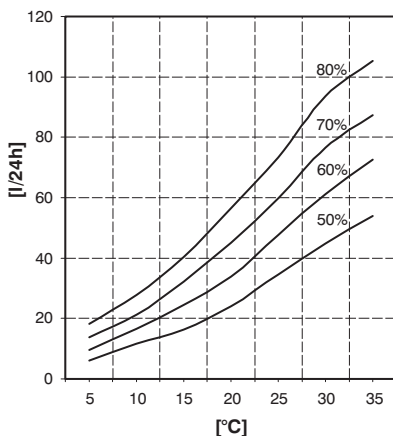
PERFORMANCE CHART



|                   |     | TEMPERATURE (°C)              | 5    | 10   | 15   | 20   | 25   | 30                  | 35   |
|-------------------|-----|-------------------------------|------|------|------|------|------|---------------------|------|
| RELATIVE HUMIDITY | 50% | Moisture Removal Rate (l/24h) | 4.3  | 8.5  | 12.1 | 18.2 | 26.9 | 35.5                | 43.0 |
|                   |     | Absorbed Power (kW)           | 0.6  | 0.8  | 0.9  | 1.0  | 1.1  | 1.2                 | 1.3  |
|                   |     | Air Temperature Increase (°C) | 2.2  | 3.0  | 3.6  | 4.4  | 5.5  | 6.6                 | 7.6  |
|                   |     | Ambient Thermal Load (kW)     | 1.0  | 1.2  | 1.4  | 1.7  | 2.1  | 2.5                 | 2.8  |
|                   | 60% | Moisture Removal Rate (l/24h) | 6.8  | 12.0 | 18.3 | 25.8 | 37.1 | 48.7                | 58.2 |
|                   |     | Absorbed Power (kW)           | 0.6  | 0.8  | 0.9  | 1.0  | 1.1  | 1.2                 | 1.3  |
|                   |     | Air Temperature Increase (°C) | 2.5  | 3.4  | 4.2  | 5.2  | 6.5  | 7.8                 | 9.0  |
|                   |     | Ambient Thermal Load (kW)     | 1.1  | 1.4  | 1.7  | 2.0  | 2.4  | 2.9                 | 3.3  |
|                   | 70% | Moisture Removal Rate (l/24h) | 9.8  | 15.6 | 24.3 | 34.7 | 46.9 | 61.1                | 70.3 |
|                   |     | Absorbed Power (kW)           | 0.7  | 0.8  | 0.9  | 1.0  | 1.1  | 1.3                 | 1.4  |
|                   |     | Air Temperature Increase (°C) | 2.8  | 3.7  | 4.8  | 6.0  | 7.4  | 9.0                 | 10.1 |
|                   |     | Ambient Thermal Load (kW)     | 1.2  | 1.5  | 1.9  | 2.3  | 2.7  | 3.3                 | 3.6  |
|                   | 80% | Moisture Removal Rate (l/24h) | 13.0 | 20.5 | 30.7 | 43.8 | 57.8 | 75.1 <sup>(1)</sup> | 85.1 |
|                   |     | Absorbed Power (kW)           | 0.7  | 0.8  | 0.9  | 1.1  | 1.2  | 1.3 <sup>(1)</sup>  | 1.4  |
|                   |     | Air Temperature Increase (°C) | 3.2  | 4.2  | 5.4  | 6.9  | 8.4  | 10.3 <sup>(1)</sup> | 11.5 |
|                   |     | Ambient Thermal Load (kW)     | 1.3  | 1.7  | 2.1  | 2.5  | 3.1  | 3.7 <sup>(1)</sup>  | 4.1  |

## PERFORMANCE DATA - DHH100

PERFORMANCE CHART

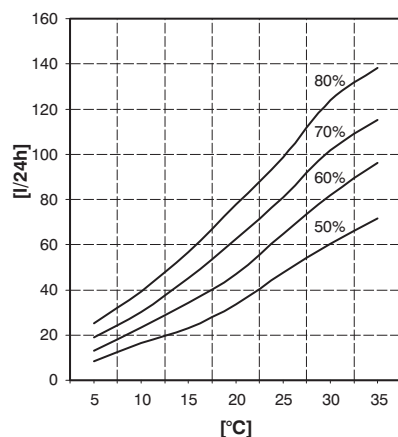


|                   |     | TEMPERATURE (°C)              | 5    | 10   | 15   | 20   | 25   | 30                  | 35    |
|-------------------|-----|-------------------------------|------|------|------|------|------|---------------------|-------|
| RELATIVE HUMIDITY | 50% | Moisture Removal Rate (l/24h) | 6.1  | 11.8 | 16.4 | 24.0 | 34.6 | 44.9                | 53.9  |
|                   |     | Absorbed Power (kW)           | 0.8  | 0.9  | 1.0  | 1.1  | 1.3  | 1.4                 | 1.5   |
|                   |     | Air Temperature Increase (°C) | 2.8  | 3.7  | 4.4  | 5.4  | 6.7  | 8.0                 | 9.1   |
|                   |     | Ambient Thermal Load (kW)     | 1.2  | 1.5  | 1.7  | 2.1  | 2.5  | 2.9                 | 3.3   |
|                   | 60% | Moisture Removal Rate (l/24h) | 9.6  | 16.5 | 24.4 | 33.8 | 47.6 | 61.2                | 72.6  |
|                   |     | Absorbed Power (kW)           | 0.8  | 0.9  | 1.1  | 1.2  | 1.3  | 1.4                 | 1.6   |
|                   |     | Air Temperature Increase (°C) | 3.2  | 4.2  | 5.2  | 6.4  | 7.9  | 9.5                 | 10.9  |
|                   |     | Ambient Thermal Load (kW)     | 1.3  | 1.6  | 2.0  | 2.4  | 2.9  | 3.4                 | 3.9   |
|                   | 70% | Moisture Removal Rate (l/24h) | 13.8 | 21.3 | 32.2 | 45.1 | 59.8 | 76.6                | 87.3  |
|                   |     | Absorbed Power (kW)           | 0.8  | 1.0  | 1.1  | 1.2  | 1.3  | 1.5                 | 1.6   |
|                   |     | Air Temperature Increase (°C) | 3.6  | 4.7  | 6.0  | 7.4  | 9.1  | 11.0                | 12.3  |
|                   |     | Ambient Thermal Load (kW)     | 1.5  | 1.8  | 2.3  | 2.7  | 3.3  | 3.9                 | 4.4   |
|                   | 80% | Moisture Removal Rate (l/24h) | 18.1 | 27.8 | 40.5 | 56.6 | 73.3 | 93.7 <sup>(1)</sup> | 105.3 |
|                   |     | Absorbed Power (kW)           | 0.9  | 1.0  | 1.1  | 1.2  | 1.4  | 1.5 <sup>(1)</sup>  | 1.7   |
|                   |     | Air Temperature Increase (°C) | 4.1  | 5.3  | 6.8  | 8.5  | 10.3 | 12.5 <sup>(1)</sup> | 14.0  |
|                   |     | Ambient Thermal Load (kW)     | 1.6  | 2.0  | 2.5  | 3.1  | 3.7  | 4.5 <sup>(1)</sup>  | 4.9   |

(1) Indicates performance at nominal operating conditions.

## PERFORMANCE DATA - DHH120

PERFORMANCE CHART



|                   |     | TEMPERATURE (°C)              | 5    | 10   | 15   | 20   | 25   | 30                   | 35    |
|-------------------|-----|-------------------------------|------|------|------|------|------|----------------------|-------|
| RELATIVE HUMIDITY | 50% | Moisture Removal Rate (l/24h) | 8.3  | 16.5 | 23.1 | 33.6 | 47.5 | 60.4                 | 71.7  |
|                   |     | Absorbed Power (kW)           | 0.9  | 1.1  | 1.3  | 1.5  | 1.7  | 1.9                  | 2.0   |
|                   |     | Air Temperature Increase (°C) | 2.8  | 4.0  | 4.9  | 6.1  | 7.6  | 9.0                  | 10.2  |
|                   |     | Ambient Thermal Load (kW)     | 1.4  | 1.9  | 2.2  | 2.7  | 3.3  | 3.9                  | 4.3   |
|                   | 60% | Moisture Removal Rate (l/24h) | 13.1 | 23.2 | 34.4 | 47.0 | 64.9 | 81.9                 | 96.1  |
|                   |     | Absorbed Power (kW)           | 0.9  | 1.2  | 1.4  | 1.6  | 1.7  | 1.9                  | 2.1   |
|                   |     | Air Temperature Increase (°C) | 3.3  | 4.6  | 5.9  | 7.2  | 8.9  | 10.6                 | 12.0  |
|                   |     | Ambient Thermal Load (kW)     | 1.5  | 2.1  | 2.6  | 3.1  | 3.8  | 4.5                  | 5.1   |
|                   | 70% | Moisture Removal Rate (l/24h) | 19.0 | 30.1 | 45.1 | 62.4 | 81.1 | 101.9                | 115.1 |
|                   |     | Absorbed Power (kW)           | 1.0  | 1.2  | 1.4  | 1.6  | 1.8  | 2.0                  | 2.2   |
|                   |     | Air Temperature Increase (°C) | 3.8  | 5.2  | 6.8  | 8.4  | 10.2 | 12.2                 | 13.5  |
|                   |     | Ambient Thermal Load (kW)     | 1.8  | 2.3  | 3.0  | 3.6  | 4.3  | 5.2                  | 5.7   |
|                   | 80% | Moisture Removal Rate (l/24h) | 25.2 | 39.2 | 56.6 | 77.8 | 98.8 | 124.0 <sup>(1)</sup> | 138.2 |
|                   |     | Absorbed Power (kW)           | 1.0  | 1.3  | 1.5  | 1.6  | 1.8  | 2.0 <sup>(1)</sup>   | 2.2   |
|                   |     | Air Temperature Increase (°C) | 4.4  | 5.9  | 7.7  | 9.6  | 11.5 | 13.8 <sup>(1)</sup>  | 15.3  |
|                   |     | Ambient Thermal Load (kW)     | 2.0  | 2.6  | 3.3  | 4.1  | 4.9  | 5.8 <sup>(1)</sup>   | 6.4   |

(1) Indicates performance at nominal operating conditions.