HEXAMOTION™

RANGE

Self-regulating and high efficiency (>80%) Energy Recovery Ventilation compact unit with high performance. Econological® solution.
Air flow from 100 to 8 000 m³/h

ENERGY RECOVERY VENTILATION UNIT DESCRIPTION HEXAMOTION™

APPLICATION

s **HEXAMOTION®** range is a PLUG&PLAY and a self-regulating energy Recovery Ventilation unit with multilingual communication, for office and industrial applications.

s Its high performance variable speed rotary heat exchanger, EUROVENT AARE certified, provides a very high efficiency **(>80%)**, in compliance with the European Ecodesign Directive **2009/125/EC**.

• Air filtration, temperature control and climate comfort.

s Equipped with low energy consumption motors, the **HEXAMOTION®** range is part of the CALADAIR Econological® solution program and improves indoor air quality. It's a monobloc, compact with lateral connections, PLUG&PLAY and communicating (except **SEASON**) unit.

RANGE

• With 9 available models, the **HEXAMOTION®** range handles air flows from 100 to 8 000 m³/h.

HEXAMOTION® range is available in 5 different regulation programs, all available with right or left access depending on airflow direction.

SEASON: Design for temperate climate zones, **SEASON HEXAMOTION®** provides air renewal with efficient energy recovery. Summer/win- ter operating of the rotary heat exchanger wheel. Adjustable air flows by potentiometer.

FIRST: Self-regulation unit for temperate climates, with active temperature management for optimal energy consumption and thermal comfort.

PREMIUM CO: Same as FIRST version, but equipped with a changeover water coil for low outdoor temperatures down to -20°C.

PREMIUM DXR: Same as FIRST version but equipped with a changeover R410A coil for low outdoor temperatures down to -20°C.

PREMIUM BE: Same as FIRST version but equipped with an electric heater for low outdoor temperatures down to -20°C.

CONSTITUTION

• Double skin 10/10e outdoor panels.

s Insulation: 50mm high density M0 A1 mineral wool (T2 and L1 class on casing airtightness as specified by EN1886).

• External side: RAL 7035 painted panels with a protective film.

• Internal side: Galvanized steel panels.

s Circular connectors with lip seals for **airtightness guarantee (Equipped with circular branch connections with double lip seals to ensure the network sealing (ATEC CSTB n° 13-224-V2),** (ATEC CSTB n° 13-224-12) or rectangular connectors for size 80.

• Crimped feet integrated to the frame for handling and ground fixing.

s **"EASY"** Technical board regroups all electrical components and controls sytem. Access by door assembled on hinges for easy maintenance. Padlockable switch and display mounted on the access door. Supply cable gland on the side.

s Water connections (version **PREMIUM CO**) and condensation drain outlet (version **PREMIUM CO** and **DXR**) on the side.

s Filters and internal components access from lockable door assembled on hinges.

• Monobloc version up to size 45 models. Other models in two sections with mechanical simple coupling and quick electrical connection by plug.

s Top panel integrating a rooftop for indoor and outdoor installation, as standard.

MOTORFANS

s Plug fan.

s Direct current high efficiency plug fan with electronic commutation (**EC**), integrated thermal overload and variable speed protection. EC technology is an econological® solution ensuring low energy consumption (French **RT2012** regulation compliant) for the management, control and regulation of the operating point (air flow regulation from 10% to 100%). Low noise level for a better acoustic comfort.

HEAT EXCHANGER

• High efficiency rotary aluminium heat exchanger, with **variable speed** (except **SEASON**).
Heat exchanger in a rigid frame plugged on slide racks for easier removal and mainte- nance. Rotary air exchanger - air products manufactured by Klingenburg, a participant in the **Eurovent** AARE certification program.

s Efficiency higher than 80 % (**EN 308**).

• The variable speed of the exchanger enables improvement of **HEXAMOTION®** unit performance particularly during the midseason period.

s The exchanger is fitted with a rotation sensor which is associated to the **EASY** regulation. It indicates the working order of the variable motor (except **SEASON**).

FILTERS

• The **HEXAMOTION™** unit is standard equipped with the **CLEARMOTION™** device ensuring a High Indoor Air Quality and an **econologic solution™** for optimal efficiency at low consumption.
Fresh air filtration :

• The **HEXAMTION™** unit has a double slide with a bead seal to ensure watertightness.

• It is equipped as standard with a high efficiency **F7 (ePm1 55%)** with low pressure drop.

• As an option, the **HEXAMOTION™** can have a double filtration stage: **M5 (ePm10 50%)** to obtain a combination of M5 + F7

• **F9 (ePm1 80%)** to obtain a device F7 + F9
Exhaust air filtration :

• Standard filter: **M5 (ePm10 50%)**

• The filters are always mounted upstream of the components to ensure their protection.

• Mounted on slides for easy replacement with bead seal (fresh air filter) to ensure

EQUIPMENT AND FUNCTIONNALITY

s Standard **FIRST** and **PREMIUM versions** are equipped with **"EASY"** regulation, communicating in standard protocols with MODBUS or BACNET via RS485 or TCP/IP or WEB (different languages available from the website). **EASY** Regulation integrates and matches the criteria of our **BLUETECH®** concept, offering an optimal running of the **HEXAMOTION®** which fits all the French national (**RT2012**) and European (**ErP**) requirements and participates, thanks to its efficiency, to the active building management (**EN15232**).

s **"EASY"** regulation is integrated with an IP65 display on the front panel, allowing an indoor or outdoor installation. Possibility to associate either a LCD remote display (100 m or 1 km with repeater) or a touchscreen remote display with a interface user and display for main functions access (Temperature control, reminders, errors...) and a maintenance interface giving access to the general parameters (remote distance up to 100 m).

• Internal clock ensuring double flows operating, which are programmable on site (except **SEASON**).

• Weekly and holiday period timer (except SEASON **SEASON**).

s Pressure controller detects dirty filter and notifies errors on display (volt free contact for **SEASON**). Timer function to be activated on site for planning filters replacement periods (except **SEASON**).

• Airflow pressure controller on each fan with errors displayed on the control panel (dry contact for **SEASON**).

s Lockable padlock switch mounted on the front panel.

s **EASY** regulation (except **SEASON**) manages the optimal operating point and performance of the **HEXAMOTION®** **using the integrated temperature sensors:**
Outdoor air sensor
Building ambient air sensor (on exhaust air)
Fresh air sensor (on supply air).

EASY regulation enables optimal fresh air energy input and ensures the following econological® functions:

- **FREE COOLING**: In summer or mid-season, if the outdoor temperature is lower than the indoor temperature and the **HEXAMOTION®** unit (except **SEASON**) is operating in a cooling mode, the rotary heat ex- changer will slow down to an adapted speed until its full stop in order to bring free cold outdoor air inside the building. If this operation is not enough to reach the temperature instructions, the cooling mode will be activated.
- **FREE HEATING**: Mainly in mid-season, if the outdoor temperature is higher than the indoor temperature and the **HEXAMOTION®** unit (except **SEASON**) is operating in a heating mode, the rotary heat exchanger will slow down to an adapted speed until its full stop in order to bring free warm outdoor air inside the building. If this operation is not enough to reach the temperature setpoint, the heating mode will be activated.
- **COLD RECOVERY**: In summer or in mid-season, if the outdoor tem- perature is higher than the indoor temperature and the **HEXAMOTION®** unit (except **SEASON**) is in a cooling mode, the rotary heat exchanger starts and turns at an adapted speed up to its nominal speed to prevent the outdoor warm air from entering inside the building. If this operation is not enough to reach the temperature setpoint, the cooling mode will be activated. For the **SEASON** version, the cold re- covery mode will start when the outdoor temperature gets higher than 24°C (adjustable).
- **ENERGY RECOVERY**: In winter or in mid-season, if the outdoor temperature is lower than the indoor temperature and the **HEXAMOTION®** unit (except **SEASON**) is in a heating mode, the rotary heat exchanger starts and turns at an adapted speed up to its nominal speed, to prevent the outdoor cold air from entering directly inside the building. If this operation is not enough to reach the temperature setpoint, the heating mode will be activated. For the **SEASON** version, the heat recovery mode will start when the outdoor temperature gets higher than 18°C (adjustable).
- **NIGHT COOLING**: The night cooling mode (except **SEASON**) enables to reduce the indoor building temperature depending on the last 24 hours climate conditions. Between midnight and 7h (adjustable period) the night cooling function starts if the outdoor temperature is above 22°C (adjustable) during the day (between 6h and 22h). Night cooling mode is activated if the outdoor temperature is between 10 and 18°C (adjustable) and if the fresh air inlet is higher than 18°C (adjustable).

s Moreover this function has a specific ventilation set point for the airflow modulation selected on the **FIRST** and **PREMIUM** versions offered by the **EASY** regulation.

- **FIRE SAFETY**: The standard **HEXAMOTION®** unit (except **SEASON**) integrates a fire safety system managing the supply and extract air fans control, following 5 modes available in the regulation parameters (function to be activated on site).
  "Stop": Full Stop of the unit.
  "Continuous work": Starts or keeps the unit in high speed, the fire safety function will have the priority on other alarms.
  "Normal work": Keeps the unit running with the settings entered on site (Stop/LS/HS).
  "Supply fan only": Starts or keeps the supply air fan in high speed (exhaust off).
  "Extract fan only": Starts or keeps the exhaust air fan in high speed (supply off).
  The **HEXAMOTION®** unit has a digital input "External run/stop" which enables connection with a manual external control.
  In this case, the external remote control has the priority on the fire security eventually activated on one of the fives modes described above.
  In each mode, the **EASY** regulation screen will show "fire security alarm" when this function is activated.

AIR FLOW MODULATION

s 6 choices of air flow modulation for optimized energy consumption (**RT2012**, **EN15232**).
SEASON: Adjustment of each fan rotation speed by potentiometers mounted and connected in the control system board.

- For **FIRST** and **PREMIUM** versions, the **EASY** regulation can control the fans in the following modes:
  ECO: Fans speed adjustment via 2 airflow settings (LS-HS) in the **EASY** regulation.
  LOBBY®: Airair flow modulation with CONSTANT PRESSURE mode, adjustable for each fan.
  DIVA®: Proportional modulation of each fan airflow depending on the CO_2 rate. Sensor integrated in the exhaust air inlet.
  MAC2®: Modulation in constant airflow for each fan (LS and HS) (except sizes 05 and 08). Pressure transmitters integrated inside the unit.
  QUATTRO®: Proportional modulation in constant airflow for each fan depending on the CO_2 rate (except sizes 05 and 08). Pressure transmitters and CO_2 sensor (exhaust air inlet) integrated in the unit. Setting of the LS, the HS and the CO_2 minimum rate (ppm) adjustable on site directly on the **EASY** regulation.

INSTALLATION

s Indoor or outdoor.
s Compact design and small footprint, terminal connections on each side via double lips circular connectors (except size 80) for an easy, quick, airtight and cost-efficient installation (no adapters).

CLIMATIC VERSIONS

s The **HEXAMOTION®** unit is available in 3 versions : **PREMIUM CO** (integrated cooling and heating water coil), **PREMUIM BE** (integrated electrical heater) and **PREMIUM DXR** (integrated direct expansion changeover coil R410A), offering optimal operating points down to minus 20°C in winter (except **SEASON**). Their functionalities are managed by the "**EASY**" regulation.
s Furthermore, to offer a climatic comfort in all seasons and climates, the **HEXAMOTION®** unit (except **SEASON**) can be associated to a dehumidification module : the "**EASY**" regulation integrated into the **HEXAMOTION®** unit enables compatible thermal modules management (refer to different versions).

Versions	INTEGRATED THERMAL COIL							EXTERNAL MODULE							
	HEATING			COOLING		CHANGEOVER Warm/Cold		HEATING		COOLING		DEHUMIDIFICATION Cold + Warm			
	Electrical	Water	R410A	Water	R410A	Water	R410A	Electrical	Water	Water	R410A	Water / Water	Water/Elec	R410A/Water	R410A/Elec
SEASON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FIRST	-	-	-	-	-	-	-	CBX-BE +CAB-CBE	CBX-BC	CBX-BF	CBX-DX	CBX-CH	CBX-CE +CAB-CBE	CBX-DXH	CBX-DXE + CAB-CBE
PREMIUM BE	✓	-	-	-	-	-	-	-	-	CBX-BF	CBX-DX	-	-	-	-
PREMIUM CO	-	✓	-	-	-	-	-	-	-	CBX-BF	CBX-DX	-	-	-	-
	-	-	-	✓	-	-	-	-	-	-	-	CBX-BC	CBX-BE +CAB-CBE	-	-
	-	-	-	-	-	✓	-	-	-	-	-	-	-	-	-
PREMIUM DXR	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	✓	-	-	-	-	-	-	-	-	CBX - BC	CBX-BE + CAB-CBE
	-	-	-	-	-	-	✓	-	-	-	-	-	-	-	-

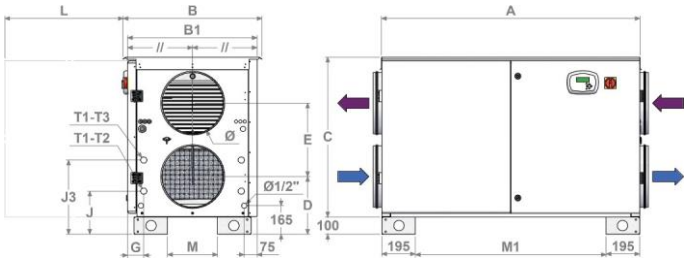
s Dehumidification function (to be activated on site) associates a COMBIBOX CONCEPT® module to the **HEXAMOTION®** : only a heating module (water or electric coil) on **PREMIUM CO** version, cooling and heating module on **PREMIUM DXR** version (with a direct expansion R410A coil) or on **FIRST** version (with either water or direct expansion R410R for cooling and either water or electric coil for heating). In this case, regulation will automatically operate heat or cooling inputs needed for dehumidification while optimal temperature keeps running.
When cooling demand is operating, temperature management is prioritized over dehumidification.

DIMENSION CHARACTERISTICS HEXAMOTION®

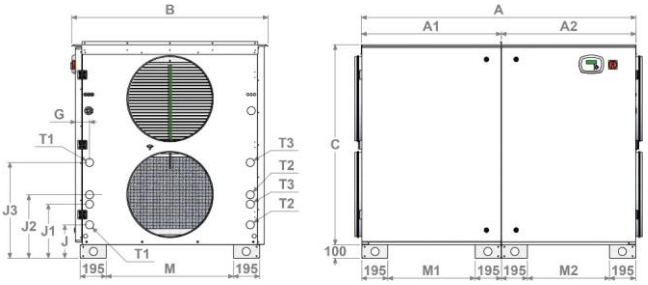
HEXAMOTION® Model	Ø	A	A1	A2	B	B1	C	D	E	G	J	J1	J2	J3	L	M	M1	M2	T1*	T2** OUT	T3** IN	SEASON FIRST	PREMIUM BE	PREMIUM CO PREMIUM DXR
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	WATER	DXR	DXR	kg	kg	kg
05	200	1215	-	-	675	620	805	305	350	95	245	-	-	375	555	180	820	-	1/2"	12	9,52	175	180	185
08	250	1345	-	-	805	750	925	335	410	95	250	-	-	430	620	310	950	-	1/2"	16	12	225	230	235
15	355	1500	-	-	805	750	925	335	425	95	250	-	-	430	700	310	1105	-	1/2"	16	12	245	255	260
20	400	1525	-	-	885	830	1005	355	465	95	250	-	-	470	710	390	1130	-	1/2"	18	12	280	290	300
27	450	1730	-	-	975	920	1205	405	550	95	250	-	-	570	745	480	1335	-	1/2"	22	16	360	375	385
35	500	1730	-	-	1140	1085	1205	405	565	95	250	-	-	570	910	645	1335	-	3/4"	22	16	420	435	450
45	630	1860	-	-	1265	1210	1495	475	715	105	250	405	475	715	1035	770	635	635	1"	20	12	510	530	545
60	630	2050	1045	1005	1465	1410	1495	475	715	105	250	405	475	715	1235	970	652	612	1"	22	16	650	675	690
80	-	2260	1155	1105	1545	1490	1645	-	-	105	250	435	515	790	1315	1050	762	712	1"	28	20	790	820	835

**Threaded steel gas pipe **Copper pipe*
G-J-J3-T1: Changeover water coil (CO)
G-J-J1-J2-J3-T2-T3: Direct Expansion battery (DWR))

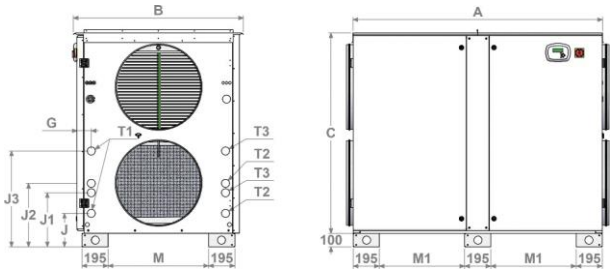
HEXAMOTION® 05-35



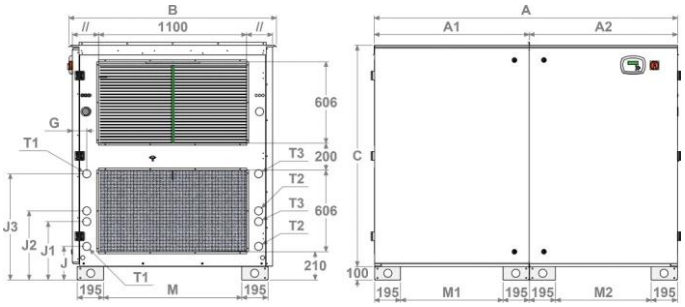
HEXAMOTION® 60



HEXAMOTION® 45



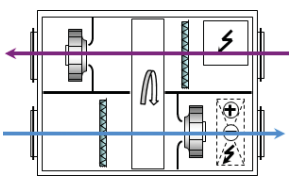
HEXAMOTION® 80



Configurations

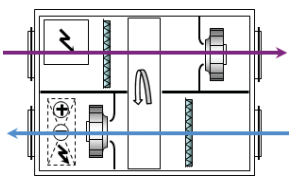
s Each size unit is available in two configurations. Right (D) or Left (G) in the supply air direction.

Configuration D



fl New air

Configuration G



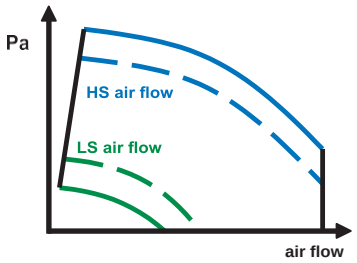
fl Air return

ELECTRICAL CHARACTERISTICS HEXAMOTION®

HEXAMOTION® Model	Electrical motor power (W)	Temperature use (°C / °C)	Electrical safety rating	Thermic protection *	SEASON/FIRST & PREMIUM CO&DXR Electrical supply voltage (V / Ph / Hz)	SEASON/FIRST & PREMIUM CO&DXR Electric charge protection (A)	PREMIUM BE Electrical supply voltage (V / Ph / Hz)	PREMIUM BE Electrical charge protection (A)
05	2 x 169 W	-20 / 60	IP54 / B	PTI	230 / 1 / 50	3,8	230 / 1 / 50	14,7
08	2 x 220 W	-20 / 60	IP44 / B	PTI	230 / 1 / 50	4,4	230 / 1 / 50	20,7
15	2 x 480 W	-20 / 40	IP54 / B	PTI	230 / 1 / 50	5,3	230 / 1 / 50	28,1
20	2 x 750 W	-20 / 40	IP54 / B	PTI	230 / 1 / 50	7,6	400 /3+N / 50	18,5
27	2 x 1000 W	-20 / 50	IP54 / B	PTI	400 /3+N / 50	4,3	400 /3+N / 50	23,8
35	2 x 1000 W	-20 / 50	IP54 / B	PTI	400 /3+N / 50	4,3	400 /3+N / 50	28,1
45	2 x 1700 W	-20 / 40	IP54 / B	PTI	400 /3+N / 50	6,2	400 /3+N / 50	40,9
60	2 x 1950 W	-20 / 50	IP54 / B	PTI	400 /3+N / 50	7,3	400 /3+N / 50	59,3
80	2 x 2730 W	-20 / 60	IP55 / F	PTI	400 /3+N / 50	9,4	400 /3+N / 50	78,7

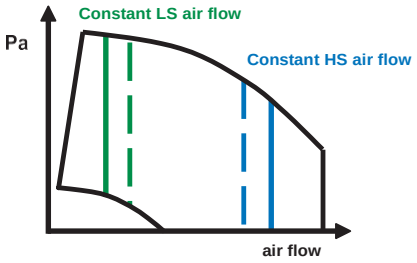
*PTI: Included Thermal Protection

MODULATION SOLUTIONS HEXAMOTION®



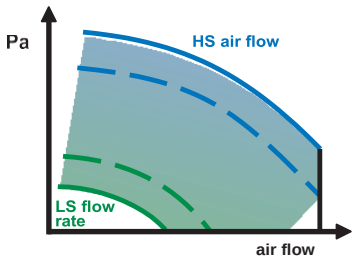
HEXAMOTION® ECO function

Selection of 1 or 2 different airflows (LS/HS) per fan. Except for SEASON, 1 airflow adjustable with potentiometer



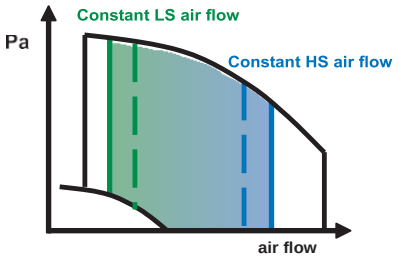
HEXAMOTION® + MAC2 function

Selection of 1 or 2 CONSTANT airflows per fan. Except for HEXAMOTION® 05 and 08.



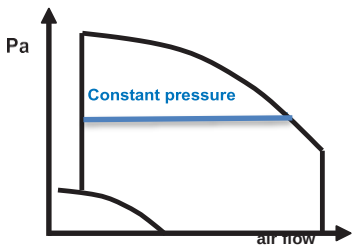
HEXAMOTION® + DIVA® function

PROPORTIONAL ventilation between two air flows (LS/HS) per fan.



HEXAMOTION® + QUATTRO® function

PROPORTIONAL ventilation between two CONSTANT air flows per fan (except HEXAMOTION® 05 & 08)



HEXAMOTION® + LOBBY® function

CONSTANT PRESSURE ventilation

Remote control LCD display on the front panel of the HEXAMOTION® unit for airflows, temperature, timer commissioning (coil, night overventilation), local controls and default readings.

ACOUSTIC CHARACTERISTICS HEXAMOTION®

- The Lp4m dB(A) curves correspond to the level of acoustic pressure at 4m in a hemispherical free field on a reflective plain, the "new air inlet" and "discharge intake air" sides not being connected, the "new output air" and "extraction intake air" not being connected.
- To achieve the overall acoustic pressure Lp dB(A), at a certain distance, add the values below to Lp4m.

Distance (m)	1,5	3	4	5	7	10
Distance weighting dB(A)	9	3	0	-2	-5	-8

- The curves for “Lw output air cond dB(A)” correspond to the overall acoustic power emitted on the “new output air” side or “discharge intake air”.
- To achieve the range of acoustic power Lw cond output dB(A), on the “new output air” or “discharge intake air”, add the below values to the acoustic power “Lw cond output” displayed on the curves.

Downstream acoustic weighting function "Lw cond blower db(A)" indicated on the curves								
Frequency	63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
HEXAMOTION® 05 Weighting dB(A)	-37	-27	-15	-7	-5	-6	-10	-11
HEXAMOTION® 08 Weighting dB(A)	-30	-18	-11	-7	-5	-6	-12	-18
HEXAMOTION® 15 Weighting dB(A)	-31	-20	-11	-8	-4	-6	-11	-18
HEXAMOTION® 20 Weighting dB(A)	-31	-26	-14	-9	-5	-4	-11	-17
HEXAMOTION® 27 Weighting dB(A)	-35	-24	-14	-10	-4	-6	-10	-15
HEXAMOTION® 35 Weighting dB(A)	-38	-28	-17	-11	-4	-5	-9	-14
HEXAMOTION® 45 Weighting dB(A)	-26	-18	-12	-10	-4	-6	-10	-13
HEXAMOTION® 60 Weighting dB(A)	-36	-22	-13	-7	-4	-7	-11	-17
HEXAMOTION® 80 Weighting dB(A)	-35	-22	-15	-7	-4	-6	-11	-16

- The curves for “Lw cond extraction dB(A)” correspond to the overall acoustic power emitted on the duct sides “extraction air intake” and new air inlet”.
- To achieve the range of acoustic power Lw cond extraction dB(A), on the "extraction air intake" and "new air inlet” sides, add the values below to the acoustic power “Lw cond extraction” read on the curves.

Upstream acoustic spectrum weighting function "Lw cond extraction db(A)" indicated on the curves								
Frequency	63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
HEXAMOTION® 05 Weighting dB(A)	-33	-24	-13	-7	-5	-5	-11	-15
HEXAMOTION® 08 Weighting dB(A)	-22	-12	-7	-5	-6	-10	-16	-24
HEXAMOTION® 15 Weighting dB(A)	-21	-14	-7	-6	-6	-8	-13	-21
HEXAMOTION® 20 Weighting dB(A)	-25	-19	-8	-6	-6	-8	-12	-20
HEXAMOTION® 27 Weighting dB(A)	-26	-16	-7	-7	-7	-6	-12	-18
HEXAMOTION® 35 Weighting dB(A)	-30	-20	-9	-7	-7	-5	-10	-16
HEXAMOTION® 45 Weighting dB(A)	-30	-19	-9	-7	-7	-5	-10	-16
HEXAMOTION® 60 Weighting dB(A)	-27	-15	-8	-5	-8	-8	-12	-19
HEXAMOTION® 80 Weighting dB(A)	-28	-15	-8	-6	-6	-8	-12	-17

- To achieve the acoustic pressure NSC4 dB(A) (noise level at 4m in a hemispherical free field, with the device placed on the ground on a reflecting plane, with HRV terminals connected to the intake and discharge with ducts having same level of sound insulation), add following values to Lp4m value read on the curves.

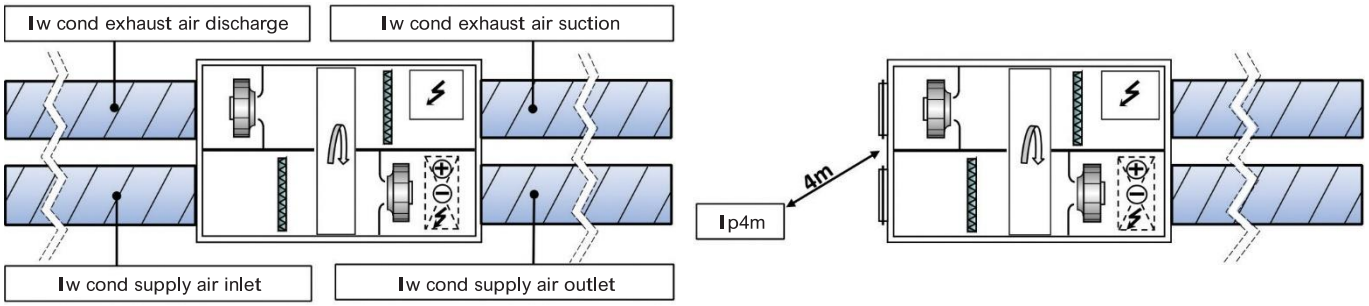
Acoustic Weighting for nSC4 db(A) achievement on read curves values								
HEXAMOTION® 05	HEXAMOTION® 08	HEXAMOTION® 15	HEXAMOTION® 20	HEXAMOTION® 27	HEXAMOTION® 35	HEXAMOTION® 45	HEXAMOTION® 60	HEXAMOTION® 80
-18	-17	-19	-20	-20	-21	-20	-19	-19

NOTA BENE: Curves are made with measurement on fresh air (Static Pressure) with all duct connectors connected (configuration D / EN 13141-4).

NOTA BENE: Tolerance margin on overall values +/- 3 dB(A), Acoustic spectrum +/- 5 dB(A)

Uniclima
Syndicat des industries thermiques, aérauliques et frigorifiques

AFFICHAGE DES PERFORMANCES
Les produits repérés par ce logo respectent les recommandations d'affichage des performances définies par Uniclima.



EQUIPMENTS	SEASON	FIRST	PREMIUM BE	PREMIUM CO	PREMIUM DXR
Low energy consumption EC Fan motors	●	●	●	●	●
Opacimetric, F7 fresh air filter	●	●	●	●	●
Opacimetric, F7 exhaust air filter	●	●	●	●	●
High efficiency Rotary Heat Exchanger (>80%). EUROVENT certified	●	●	●	●	●
Variable speed Rotary Exchanger	-	●	●	●	●
50mm, RAL 7035 double skin	●	●	●	●	●
Circular duct connectors with lip seals (ATEC CSTB n°13-224-12), expect for 80 where connectors are rectangular	●	●	●	●	●
Remote LCD display (IP65)	-	●	●	●	●
MODBUS or BACNET management communication in RS485 or TCP/IP or Web (selection access on the menu)	-	●	●	●	●
Commissioning Speed(s) (LS-HS) with regulation EASY	-	-	-	-	-
Potensiometer for fan speed commissioning	●	●	●	●	●
Supply air sensor	-	●	●	●	●
Exhaust air sensor	-	●	●	●	●
Outside temperature sensor	●	●	●	●	●
Defrost sensor on water changeover battery	-	-	-	●	-
Inclined condensate trays for DX changeover battery	-	-	-	●	●
Safety thermostat on electric heating battery	-	-	●	-	-
Rotary Exchanger Weel rotation sensor	●	●	●	●	●
Lockable proximity switch	●	●	●	●	●
Power cord grommet	●	●	●	●	●

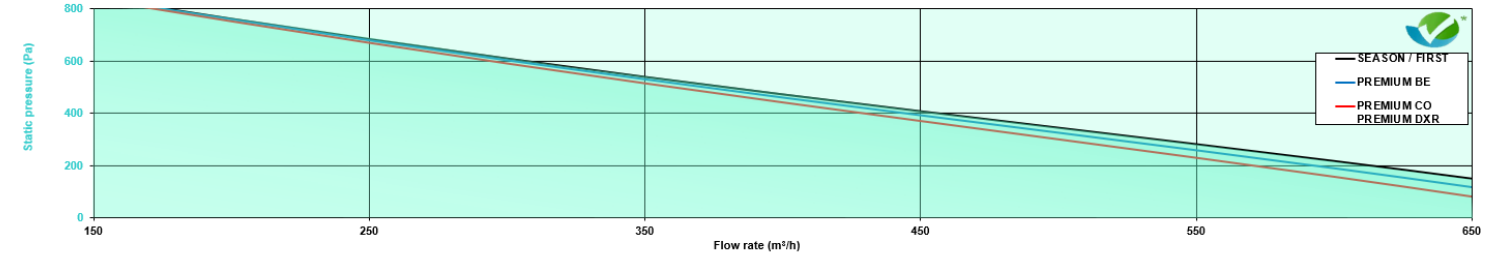
FUNCTIONS	SEASON	FIRST	PREMIUM BE	PREMIUM CO	PREMIUM DXR
Self-regulating Electric Heating Battery	-	-	●	-	-
Self-regulating water heating, cooling or changeover coils	-	-	-	●	-
DX R410A changeover coils	-	-	-	-	●
Free-cooling optimum management	-	●	●	●	●
Free-heating optimum management	-	●	●	●	●
Night-cooling management (night boost ventilation)	-	●	●	●	●
Optimum cooling recovery	-	●	●	●	●
Thermostatic cooling recovery management (adjustable)	●	-	-	-	-
Optimum heating recovery	-	●	●	●	●
Thermostatic heating recovery management (adjustable)	●	-	-	-	-
Supply air temperature management (air regulation)	-	●	●	●	●
Ambient temperature management (exhaust air)	-	●	●	●	●
Weekly timer	-	●	●	●	●
Holidays and bank holidays timer	-	●	●	●	●
Fresh air filter pressure switch	●	●	●	●	●
Flow rate control pressure switch (exhaust and supply)	●	●	●	●	●
Fire safety modes (5 modes available)	-	●	●	●	●
Heating module management (electrical or water coil) COMBIBOX CONCEPT®	-	●	-	-	-
Cooling module management (water or R410A Dx) COMBIBOX CONCEPT®	-	●	●	●*	-
Dehumidifcation management COMBIBOX CONCEPT®	-	●	●	●	-

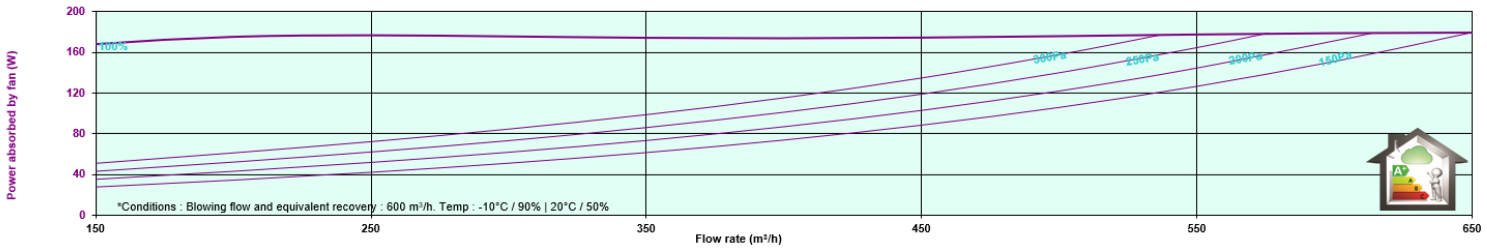
FACTORY MOUNTED OPTIONS	SEASON	FIRST	PREMIUM BE	PREMIUM CO	PREMIUM DXR
LOBBY®: airflow modulation at CONSTANT PRESSURE	-	❍	❍	❍	❍
DIVA®: proportional CO_2 flow rate modulation	-	❍	❍	❍	❍
MAC2®: airflow modulation at CONSTANT PRESSURE	-	❍	❍	❍	❍
QUATTRO®: proportional adjustment by CO_2 level between 2 CONSTANT FLOWS	-	❍	❍	❍	❍
Right or Left configuration depending on fresh air inlet	❍	❍	❍	❍	❍

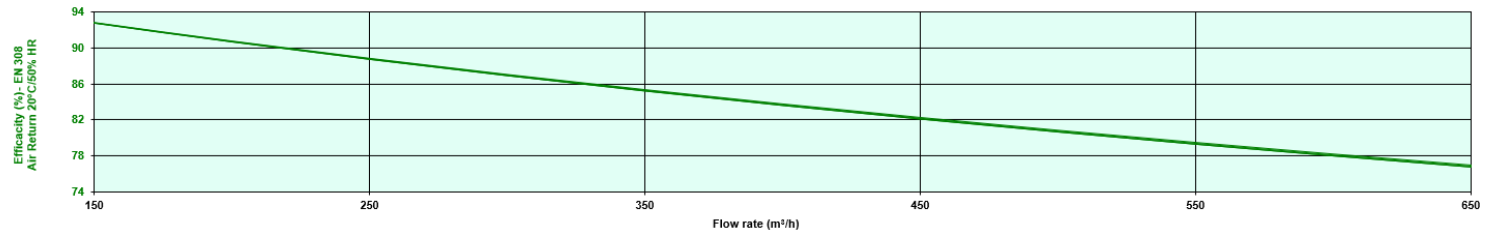
OPTIONAL EQUIPMENT (supplied unassembled)	SEASON	FIRST	PREMIUM BE	PREMIUM CO	PREMIUM DXR
COMBIBOX CONCEPT® cooling module (water or R410A)	-	◆	◆	◆	-
COMBIBOX CONCEPT® supplement heating module (water or electric coil)	-	◆	-	-	-
COMBIBOX CONCEPT® dehumidification module	-	◆	-	-	-
Changeover pad for hot/cold switch on changeover battery	-	◆	-	◆	-
LON network communication	-	◆	◆	◆	◆
Remote LCD control (up to 100m)	-	◆	◆	◆	◆
Ambient temperature management via LCD remote control	-	◆	◆	◆	◆
WONDEROOM® areas temperature management with direct comunication to the HEXAMOTION®	-	◆	◆	◆	◆
Exhaust air filter pressure switch	◆	◆	◆	◆	◆

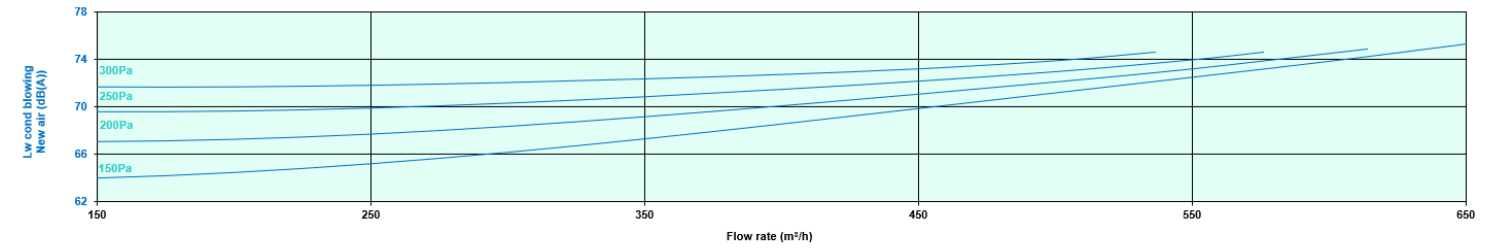
●*: *Only when integrated CO battery is on a heating mode*
●: *Standard equipment or functions*
❍: *OPTIONAL equipment or functions. Supplied assembled and cabled at the factory*
◆: *OPTIONAL equipment or functions. Supplied unassembled*

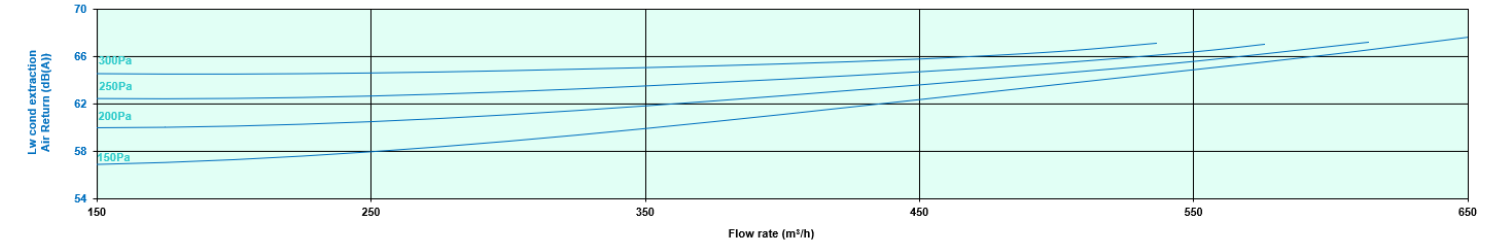
HEXAMOTION® 05

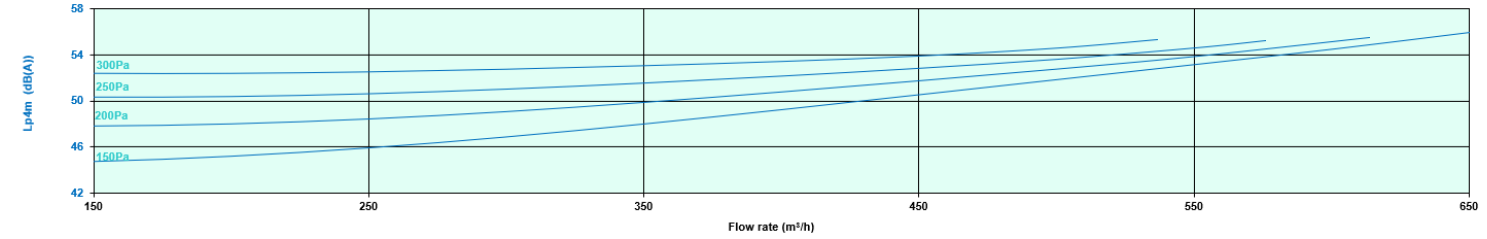












HEXAMOTION® 05 — Changeover Coil - PREMIUM CO

Water temp. (°C/°C)	Air inlet temp. (°C)	Air flow (m³/h)	100	200	300	400	500	600
80/60	11	Motor (kW)/Air outlet temp. (°C)	1,8 / 64,2	3,1 / 56,5	4,2 / 51,7	5,1 / 48,3	5,9 / 45,6	6,7 / 43,4
		Water flow (l/h)/DP water (kPa)	80 / 0,5	136 / 1,3	183 / 2,2	223 / 3,2	259 / 4,2	291 / 5,1
	15	Motor (kW)/Air outlet temp. (°C)	1,7 / 64,7	2,9 / 57,4	3,9 / 52,9	4,8 / 49,7	5,5 / 47,2	6,2 / 45,2
		Water flow (l/h)/DP water (kPa)	74 / 0,4	127 / 1,1	170 / 1,9	208 / 2,8	241 / 3,7	271 / 4,5
60/50	11	Motor (kW)/Air outlet temp. (°C)	1,3 / 50,1	2,3 / 44,7	3,1 / 41,3	3,8 / 38,9	4,4 / 36,9	5,0 / 35,3
		Water flow (l/h)/DP water (kPa)	116 / 1,0	200 / 2,7	270 / 4,7	331 / 6,8	385 / 8,9	433 / 11,1
	15	Motor (kW)/Air outlet temp. (°C)	1,2 / 50,6	2,1 / 45,7	2,8 / 42,6	3,5 / 40,3	4,0 / 38,5	4,5 / 37,1
		Water flow (l/h)/DP water (kPa)	106 / 0,9	182 / 2,3	246 / 4,0	301 / 5,7	349 / 7,5	393 / 9,3
45/40	11	Motor (kW)/Air outlet temp. (°C)	0,9 / 38,7	1,6 / 35,0	2,2 /32,7	2,7 / 30,9	3,2 / 29,6	3,6 / 28,5
		Water flow (l/h)/DP water (kPa)	164 / 2,0	284 / 5,4	384 / 9,3	472 / 13,5	549 / 17,8	619 / 22,1
	15	Motor (kW)/Air outlet temp. (°C)	0,8 / 39,2	1,4 / 36,0	1,9 / 33,9	2,4 / 32,4	2,8 / 31,2	3,1 / 30,2
		Water flow (l/h)/DP water (kPa)	143 / 1,6	248 / 4,2	335 / 7,3	411 / 10,5	478 / 13,8	539 / 17,2
7/12	32-40	Motor (kW)/Air outlet temp. (°C-%HR)	0,9 / 12,9-90	1,6 / 15,6-84	2,1 / 17,2-79	2,5 / 18,5-76	2,8 / 19,4-74	3,1 / 20,2-72
		Water flow (l/h)/DP water (kPa)	163 / 2,3	271 / 5,7	354 / 9,3	422 / 12,8	480 / 16,1	530 / 19,3
	27-50	Motor (kW)/Air outlet temp. (°C-%HR)	0,7 / 12,4-93	1,2 / 14,5-87	1,6 / 15,8-84	1,9 / 16,8-81	2,1 / 17,5-79	2,4 / 18,1-78
		Water flow (l/h)/DP water (kPa)	127 / 1,5	209 / 3,6	272 / 5,8	324 / 7,9	367 / 9,9	405 / 11,8
	25-50	Motor (kW)/Air outlet temp. (°C-%HR)	0,6 / 12,4-92	0,9 / 14,2-87	1,2 / 15,3-84	1,4 / 16,1-81	1,6 / 16,7-79	1,8 / 17,2-78
		Water flow (l/h)/DP water (kPa)	97 / 0,9	158 / 2,2	205 / 3,4	245 / 4,8	280 / 6,1	310 / 7,3
6/11	32-40	Motor (kW)/Air outlet temp. (°C-%HR)	1,0 / 12,0-91	1,7 / 14,8-84	2,2 / 16,6-79	2,7 / 17,9-76	3,0 / 18,9-74	3,3 / 19,7-72
		Water flow (l/h)/DP water (kPa)	175 / 2,6	292 / 6,6	383 / 10,7	457 / 14,8	520 / 18,7	575 / 22,5
	27-50	Motor (kW)/Air outlet temp. (°C-%HR)	0,8 / 11,5-93	1,3 / 13,7-88	1,8 / 15,2-84	2,1 / 16,2-81	2,4 / 17,0-80	2,6 / 17,6-78
		Water flow (l/h)/DP water (kPa)	139 / 1,7	230 / 4,3	300 / 6,9	358 / 9,5	407 / 12,0	449 / 14,4
	25-50	Motor (kW)/Air outlet temp. (°C-%HR)	0,6 / 11,5-93	1,1 / 13,3-87	1,4 / 14,5-84	1,7 / 15,4-81	1,9 / 16,1-79	2,1 / 16,6-78
		Water flow (l/h)/DP water (kPa)	108 / 1,1	184 / 2,8	239 / 4,6	284 / 6,3	323 / 7,9	356 / 9,4

HEXAMOTION® 05 — Electric coil - PREMIUM BE

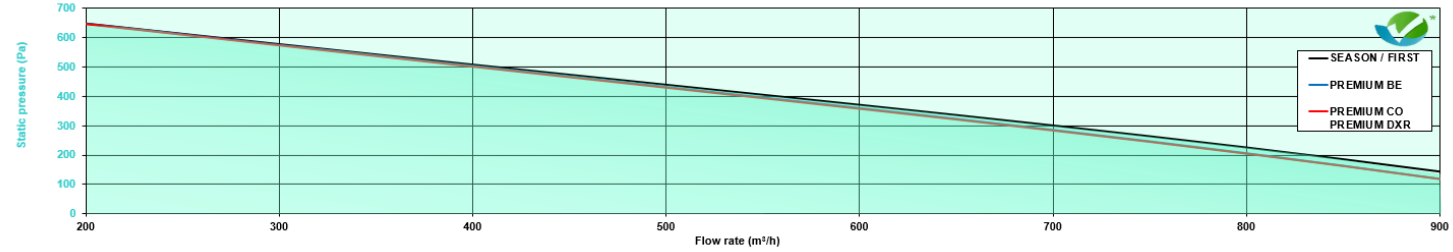
Fresh air Air flow (m³/h)	0°C 500	-5°C 500	0°C 500	-5°C 500	-10°C 500	-15°C 500	-20°C 500
Version	FIRST-SEASON		PREMIUM BE				
			Heating coil				
Total power kW	-		2,5				
Temp.°C on output from the unit	16,2	15,2	31,2	30,2	29,3	28,3	27,3

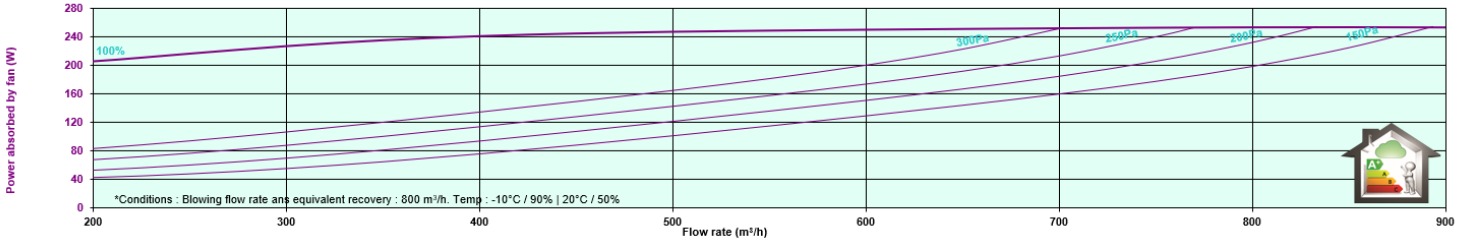
HEXAMOTION® 05 — Reversible R410A direct expansion coil - PREMIUM DXR

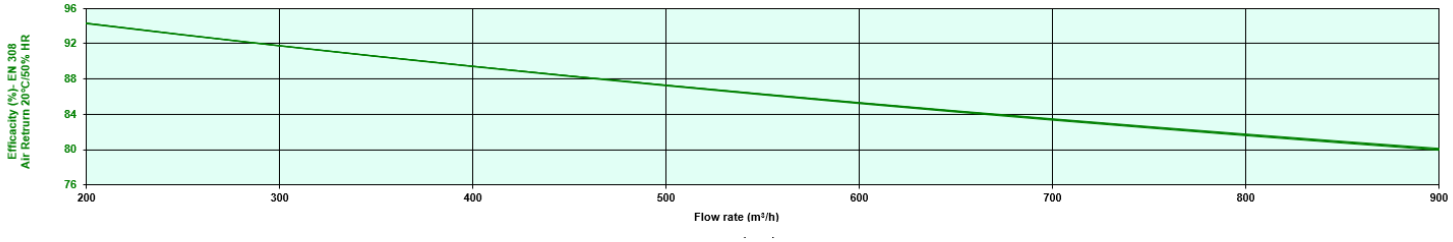
Evap. temp. (°C)	Air inlet temp	Air flow (m³/h)	100	200	300	400	500	600
12	32-40	Power (kW)	0,7	1,2	1,6	1,9	2,2	2,4
		Air outlet temp. (°C-%HR)	15,2-89	17,3-83	18,8-78	19,8-75	20,7-73	21,3-71
	27-50	Power (kW)	0,5	0,9	1,2	1,4	1,6	1,8
		Air outlet temp. (°C-%HR)	14,5-91	16,2-86	17,3-83	18,1-80	18,7-78	19,2-76
	25-50	Power (kW)	0,4	0,7	0,9	1,1	1,2	1,4
		Air outlet temp. (°C-%HR)	14,2-91	15,6-86	16,5-82	17,2-80	17,7-78	18,2-76
7	32-40	Power (kW)	1,0	1,8	2,3	2,8	3,2	3,5
		Air outlet temp. (°C-%HR)	11,0-90	13,8-84	15,6-79	17,1-76	18,2-73	19,0-71
	27-50	Power (kW)	0,9	1,5	1,9	2,3	2,6	2,9
		Air outlet temp. (°C-%HR)	10,4-93	12,7-87	14,2-84	15,3-81	16,2-79	16,9-77
	25-50	Power (kW)	0,7	1,2	1,6	1,9	2,2	2,4
		Air outlet temp. (°C-%HR)	10,0-92	12,1-87	13,4-83	14,4-80	15,2-78	15,9-77
40	11	Power (kW)	0,9	1,6	2,1	2,6	3,0	3,4
		Air outlet temp. (°C)	36,5	33,7	31,5	29,8	28,5	27,4
	15	Power (kW)	0,8	1,3	1,8	2,2	2,6	2,9
		Air outlet temp. (°C)	37,0	34,5	32,7	31,2	30,1	29,1

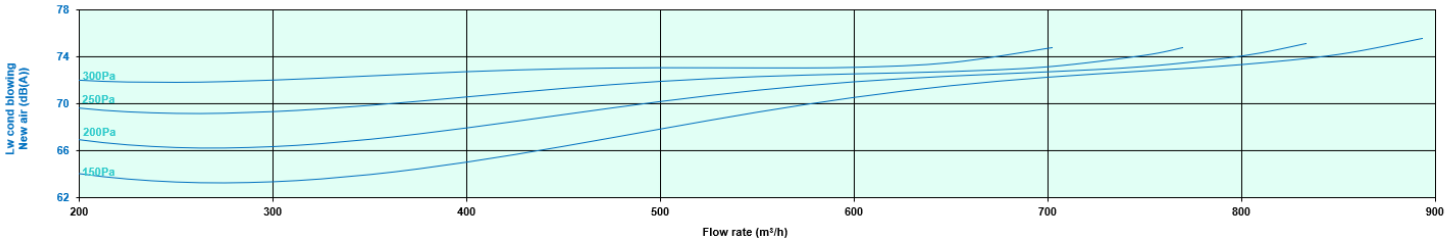
Condensing temperature (°C)

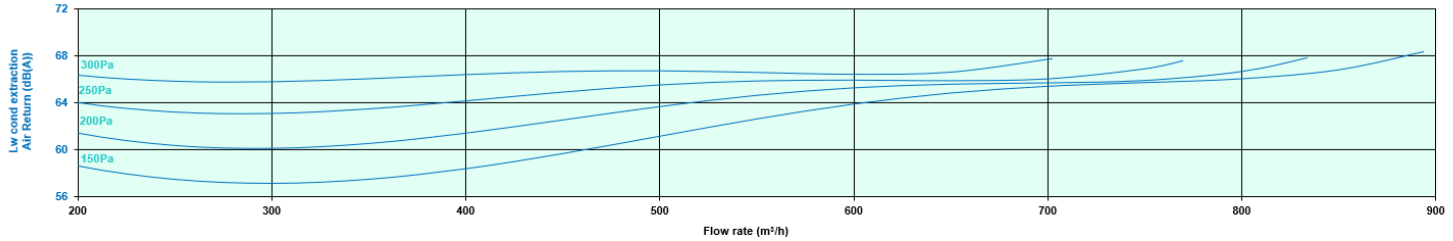
HEXAMOTION® 08

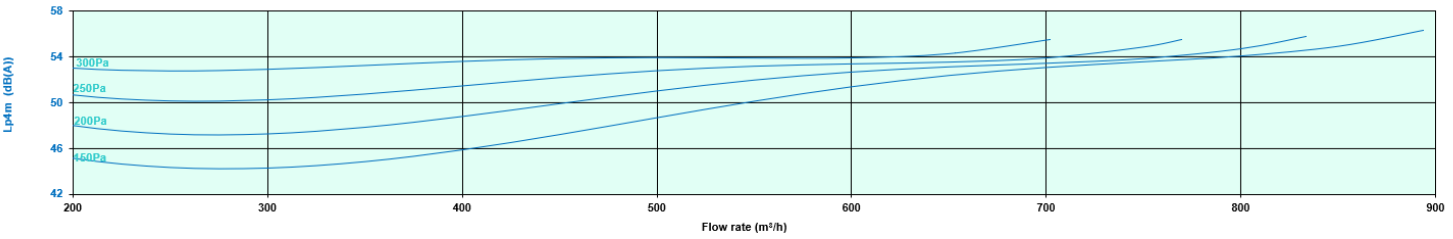












HEXAMOTION® 08 — Changeover Coil - PREMIUM CO

Water temp. (°C/°C)	Air inlet temp. (°C)	Air flow (m³/h)	200	300	400	500	600	700	800
80/60	11	Motor (kW)/Air outlet temp. (°C)	3,6 / 63,5	4,9 / 58,7	6,1 / 55,4	7,1 / 52,7	8,1 / 50,6	9,0 / 48,7	9,9 / 47,1
		Water flow (l/h)/DP water (kPa)	157 / 2,5	214 / 4,3	266 / 6,3	313 / 8,5	355 / 10,7	395 / 13,0	432 / 15,3
	15	Motor (kW)/Air outlet temp. (°C)	3,4 / 64,1	4,6 / 59,6	5,7 / 56,4	6,7 / 54,0	7,6 / 51,9	8,4 / 50,2	9,2 / 48,6
		Water flow (l/h)/DP water (kPa)	147 / 2,2	200 / 3,8	248 / 5,6	292 / 7,5	332 / 9,5	369 / 11,5	403 / 13,5
60/50	11	Motor (kW)/Air outlet temp. (°C)	2,6 / 49,5	3,6 / 46,1	4,5 / 43,8	5,3 / 41,9	6,0 / 40,4	6,7 / 39,0	7,3 / 37,8
		Water flow (l/h)/DP water (kPa)	229 / 5,1	313 / 9,0	390 / 13,3	459 / 17,9	523 / 22,7	583 / 27,6	638 / 32,5
	15	Motor (kW)/Air outlet temp. (°C)	2,4 / 50,1	3,3 / 47,0	4,1 / 44,9	4,8 / 43,1	5,5 / 41,7	6,1 / 40,5	6,7 / 39,4
		Water flow (l/h)/DP water (kPa)	209 / 4,3	285 / 7,6	355 / 11,2	418 / 15,1	476 / 19,1	530 / 23,2	580 / 27,4
45/40	11	Motor (kW)/Air outlet temp. (°C)	1,9 / 38,2	2,6 / 35,9	3,2 /34,3	3,8 / 33,0	4,3 / 31,9	4,8 / 31,0	5,2 / 30,1
		Water flow (l/h)/DP water (kPa)	322 / 9,8	442 / 17,5	551 / 26,0	651 / 35,1	742 / 44,6	827 / 54,3	905 / 63,9
	15	Motor (kW)/Air outlet temp. (°C)	1,6 / 38,8	2,2 / 36,8	2,8 / 35,4	3,3 / 34,2	3,8 / 33,3	4,2 / 32,5	4,6 / 31,7
		Water flow (l/h)/DP water (kPa)	282 / 7,7	387 / 13,7	482 / 20,4	569 / 27,5	648 / 34,9	722 / 42,5	791 / 50,1
7/12	32-40	Motor (kW)/Air outlet temp. (°C-%HR)	1,9 / 13,0-89	2,6 / 14,6-85	3,1 / 15,8-82	3,6 / 16,8-79	4,1 / 17,6-77	4,5 / 18,2-76	4,8 / 18,8-74
		Water flow (l/h)/DP water (kPa)	327 / 11,7	441 / 20,2	540 / 29,1	626 / 38,0	702 / 46,8	770 / 55,5	833 / 63,8
	27-50	Motor (kW)/Air outlet temp. (°C-%HR)	1,5 / 12,4-91	2,0 / 13,7-88	2,5 / 14,6-86	2,8 / 15,4-84	3,2 / 16,0-82	3,5 / 16,5-81	3,8 / 17,0-80
		Water flow (l/h)/DP water (kPa)	257 / 7,6	345 / 13,0	421 / 18,6	487 / 24,2	546 / 29,7	599 / 35,1	647 / 40,4
	25-50	Motor (kW)/Air outlet temp. (°C-%HR)	1,2 / 12,3-91	1,5 / 13,4-88	1,9 / 14,1-86	2,2 / 14,7-84	2,5 / 15,3-82	2,7 / 15,7-81	3,0 / 16,1-80
		Water flow (l/h)/DP water (kPa)	198 / 4,7	264 / 8,0	332 / 12,1	384 / 15,7	429 / 19,2	470 / 22,7	508 / 26,0
6/11	32-40	Motor (kW)/Air outlet temp. (°C-%HR)	2,0 / 12,2-89	2,8 / 13,8-85	3,4 / 15,1-82	3,9 / 16,1-80	4,4 / 16,9-78	4,8 / 17,6-76	5,2 / 18,3-74
		Water flow (l/h)/DP water (kPa)	349 / 13,3	473 / 23,1	580 / 33,3	673 / 43,6	756 / 53,9	831 / 63,9	898 / 73,6
	27-50	Motor (kW)/Air outlet temp. (°C-%HR)	1,6 / 11,5-92	2,2 / 12,9-89	2,7 / 13,9-86	3,1 / 14,7-84	3,5 / 15,3-83	3,8 / 15,9-81	4,1 / 16,4-80
		Water flow (l/h)/DP water (kPa)	279 / 8,9	377 / 15,3	461 / 22,0	534 / 28,7	599 / 35,4	658 / 41,9	711 / 48,2
	25-50	Motor (kW)/Air outlet temp. (°C-%HR)	1,3 / 11,3-91	1,8 / 12,4-88	2,2 / 13,3-86	2,5 / 14,0-84	2,8 / 14,6-82	3,1 / 15,1-81	3,3 / 15,5-80
		Water flow (l/h)/DP water (kPa)	227 / 6,1	306 / 10,4	372 / 14,9	431 / 19,4	483 / 23,9	529 / 28,3	572 / 32,5

HEXAMOTION® 08 — Electric coil- PREMIUM BE

Fresh air Air flow (m³/h)	0°C 800	-5°C 800	0°C 800	-5°C 800	-10°C 800	-15°C 800	-20°C 800
Version	FIRST-SEASON		PREMIUM BE				
			Heating coil				
Total power kW	-		3,75				
Temp.°C on output from the unit	16,4	15,5	30,5	29,6	28,7	27,7	26,8

HEXAMOTION® 08 — Reversible R410A direct expansion coil - PREMIUM DXR

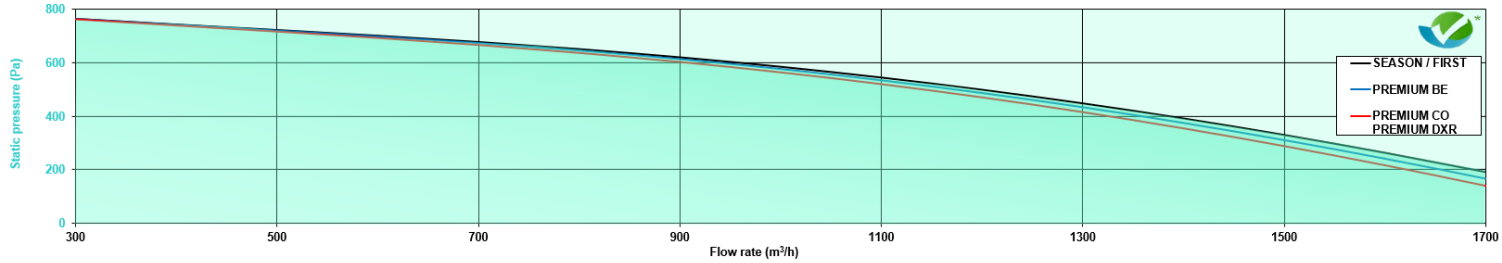
Evap. temp. (°C)	Air inlet temp. (°C-%HR)	Air flow (m³/h)	200	300	400	500	600	700	800
12	32-40	Power (kW)	1,4	1,9	2,3	2,7	3,0	3,3	3,5
		Air outlet temp. (°C-%HR)	15,6-88	16,9-84	17,9-81	18,7-79	19,4-77	20,0-75	20,5-73
	27-50	Power (kW)	1,1	1,4	1,7	2,0	2,2	2,5	2,6
		Air outlet temp. (°C-%HR)	14,9-90	15,8-87	16,6-85	17,2-83	17,7-81	18,2-80	18,5-79
	25-50	Power (kW)	0,8	1,1	1,3	1,5	1,7	1,8	2,0
		Air outlet temp. (°C-%HR)	14,5-90	15,3-87	15,9-85	16,4-83	16,9-81	17,2-80	17,6-79
7	32-40	Power (kW)	2,0	2,7	3,3	3,9	4,3	4,7	5,1
		Air outlet temp. (°C-%HR)	11,6-89	13,3-85	14,7-82	15,7-79	16,6-77	17,4-76	18,1-74
	27-50	Power (kW)	1,7	2,3	2,8	3,2	3,6	3,9	4,2
		Air outlet temp. (°C-%HR)	10,9-91	12,3-88	13,3-86	14,2-84	14,9-82	15,6-81	16,1-79
	25-50	Power (kW)	1,4	1,9	2,3	2,7	3,0	3,3	3,6
		Air outlet temp. (°C-%HR)	10,5-91	11,7-88	12,7-85	13,4-83	14,1-82	14,6-80	15,1-79
40	11	Power (kW)	1,7	2,4	3,1	3,6	4,1	4,6	5,0
		Air outlet temp. (°C)	36,1	34,4	33,0	31,8	30,7	29,8	29,0
	15	Power (kW)	1,5	2,1	2,6	3,1	3,5	3,9	4,3
		Air outlet temp. (°C)	36,6	35,2	34,0	32,9	32,0	31,2	30,6

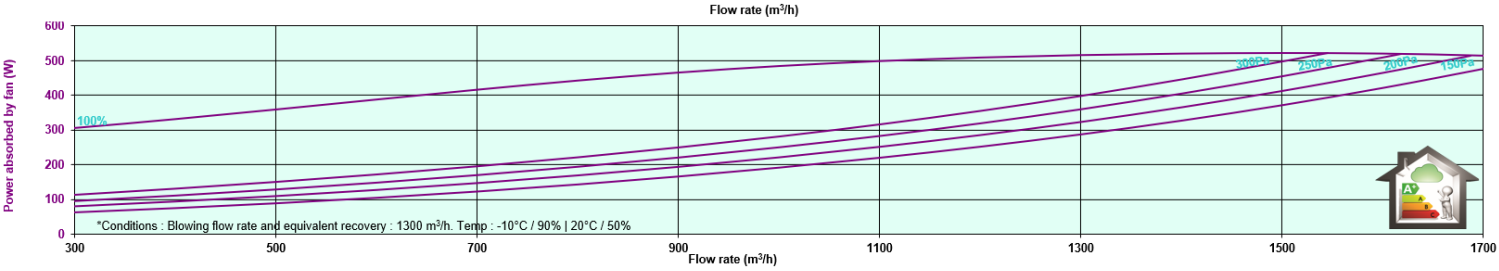
Air flow (m³/h)

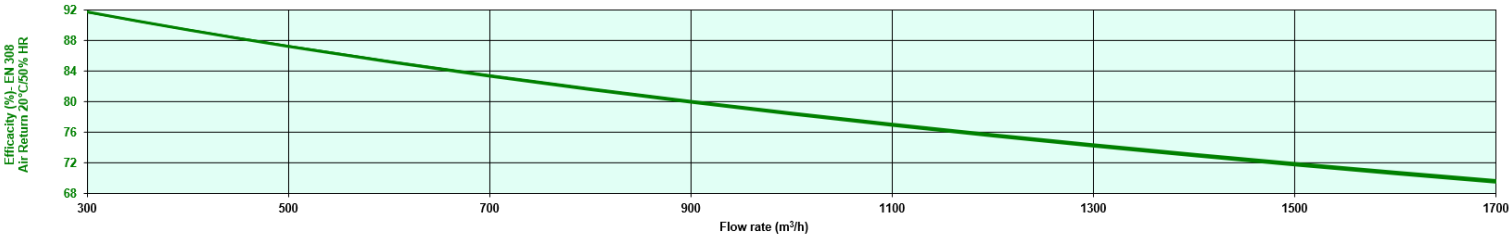
Condensing temperature (°C)

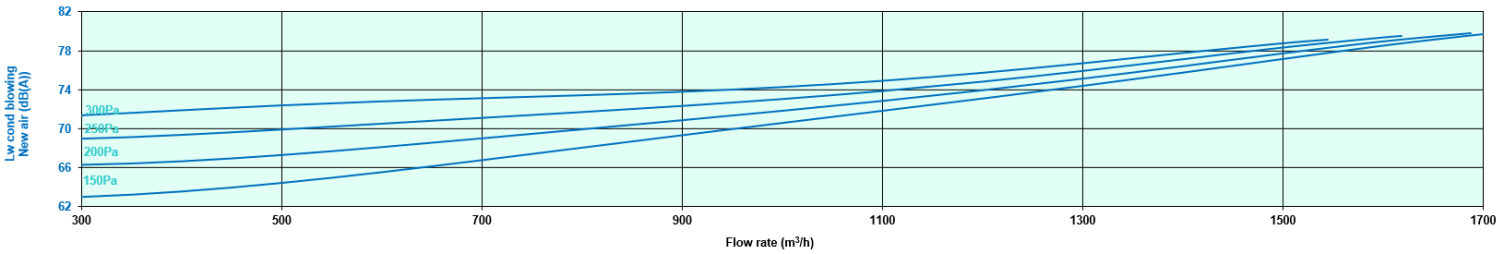
HEXAMOTION® 15

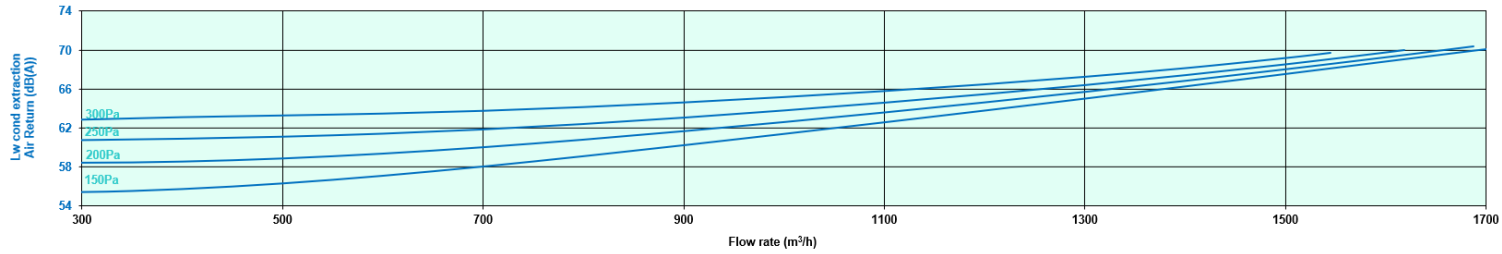
HEXAMOTION® 15

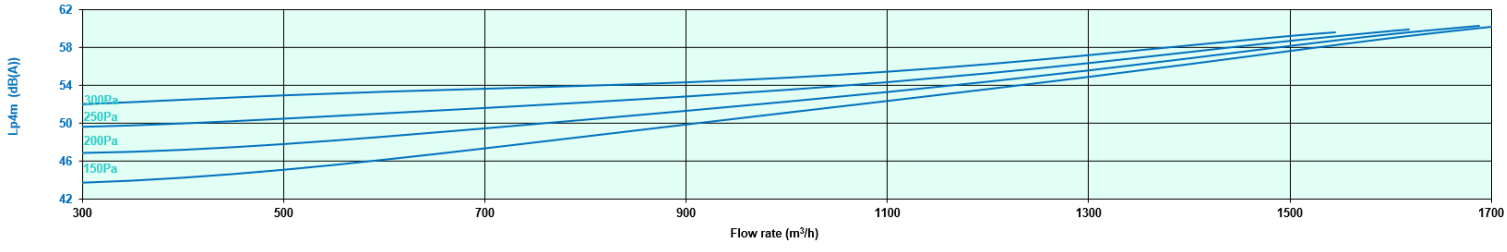












HEXAMOTION® 15 — Changeover Coil - PREMIUM CO

Water temp. (°C/°C)	Air inlet temp. (°C)	Air flow (m³/h)	500	700	900	1100	1300	1500	1700
80/60	11	Motor (kW)/Air outlet temp. (°C)	7,5 / 54,2	9,6 / 50,2	11,4 / 47,2	13,0 / 44,8	14,4 / 42,8	15,7 / 41,1	17,0 / 39,6
		Water flow (l/h)/DP water (kPa)	331 / 4,0	420 / 6,2	498 / 8,4	568 / 10,7	631 / 13,0	690 / 15,3	744 / 17,5
	15	Motor (kW)/Air outlet temp. (°C)	7,0 / 55,3	8,9 / 51,6	10,6 / 48,7	12,1 / 46,5	13,4 / 44,6	14,7 / 43,0	15,8 / 41,6
		Water flow (l/h)/DP water (kPa)	308 / 3,5	392 / 5,4	464 / 7,4	529 / 9,4	588 / 11,4	642 / 13,4	692 / 15,4
60/50	11	Motor (kW)/Air outlet temp. (°C)	5,6 / 43,0	7,1 / 40,2	8,5 / 38,0	9,7 / 36,2	10,8 / 34,8	11,8 / 33,5	12,7 / 32,4
		Water flow (l/h)/DP water (kPa)	486 / 8,4	620 / 13,1	736 / 18,0	841 / 23,0	937 / 28,0	1025 / 32,9	1106 / 37,9
	15	Motor (kW)/Air outlet temp. (°C)	5,1 / 44,2	6,5 / 41,5	7,7 / 39,5	8,8 / 37,9	9,8 / 36,6	10,7 / 35,5	11,6 / 34,5
		Water flow (l/h)/DP water (kPa)	442 / 7,1	564 / 11,0	669 / 15,1	765 / 19,3	851 / 23,5	931 / 27,6	1005 / 31,8
45/40	11	Motor (kW)/Air outlet temp. (°C)	4,0 / 33,8	5,1 / 31,8	6,1 /30,3	6,9 / 29,0	7,7 / 28,0	8,5 / 27,1	9,1 / 26,4
		Water flow (l/h)/DP water (kPa)	689 / 16,6	880 / 25,9	1047 / 35,6	1198 / 45,6	1335 / 55,6	1462 / 65,6	1579 / 75,6
	15	Motor (kW)/Air outlet temp. (°C)	3,5 / 34,9	4,4 / 33,2	5,3 / 31,8	6,0 / 30,7	6,7 / 29,8	7,4 / 29,1	8,0 / 28,4
		Water flow (l/h)/DP water (kPa)	602 / 12,9	768 / 20,2	914 / 27,8	1045 / 35,5	1165 / 43,3	1275 / 51,0	1377 / 58,8
7/12	32-40	Motor (kW)/Air outlet temp. (°C-%HR)	3,8 / 16,3-81	4,8 / 17,7-77	5,5 / 18,8-75	6,2 / 19,7-72	6,8 / 20,4-71	7,3 / 21,0-69	7,8 / 21,5-68
		Water flow (l/h)/DP water (kPa)	660 / 17,7	819 / 26,1	950 / 34,3	1064 / 42,1	1163 / 49,6	1252 / 56,7	1332 / 63,5
	27-50	Motor (kW)/Air outlet temp. (°C-%HR)	3,0 / 15,0-85	3,7 / 16,1-82	4,3 / 17,0-80	4,8 / 17,7-78	5,2 / 18,2-77	5,6 / 18,7-76	6,0 / 19,1-75
		Water flow (l/h)/DP water (kPa)	512 / 11,1	633 / 16,4	734 / 21,4	821 / 26,3	897 / 30,9	965 / 35,3	1026 / 39,5
	25-50	Motor (kW)/Air outlet temp. (°C-%HR)	2,3 / 14,6-85	2,8 / 15,6-82	3,2 / 16,3-80	3,6 / 16,9-78	4,0 / 17,3-77	4,3 / 17,6-76	4,6 / 18,0-74
		Water flow (l/h)/DP water (kPa)	388 / 6,7	477 / 9,8	555 / 12,9	624 / 15,9	682 / 18,7	741 / 21,8	789 / 24,5
6/11	32-40	Motor (kW)/Air outlet temp. (°C-%HR)	4,1 / 15,6-81	5,1 / 17,1-78	6,0 / 18,2-75	6,7 / 19,2-73	7,3 / 19,9-71	7,9 / 20,5-69	8,4 / 21,1-68
		Water flow (l/h)/DP water (kPa)	711 / 20,3	883 / 30,2	1027 / 39,7	1150 / 48,8	1259 / 57,6	1355 / 65,9	1443 / 73,9
	27-50	Motor (kW)/Air outlet temp. (°C-%HR)	3,3 / 14,3-86	4,1 / 15,5-83	4,7 / 16,4-80	5,3 / 17,1-79	5,8 / 17,7-77	6,2 / 18,2-76	6,6 / 18,6-75
		Water flow (l/h)/DP water (kPa)	562 / 13,2	697 / 19,6	810 / 25,7	906 / 31,6	991 / 37,2	1067 / 42,6	1136 / 47,7
	25-50	Motor (kW)/Air outlet temp. (°C-%HR)	2,6 / 13,7-85	3,3 / 14,8-82	3,8 / 15,6-80	4,2 / 16,2-78	4,6 / 16,7-77	5,0 / 17,1-76	5,3 / 17,5-75
		Water flow (l/h)/DP water (kPa)	452 / 8,9	559 / 13,1	648 / 17,1	724 / 21,0	792 / 24,7	852 / 28,2	906 / 31,6

HEXAMOTION® 15 — Electric coil - PREMIUM BE

Fresh air Air flow (m³/h)	0°C 1500	-5°C 1500	0°C 1500	-5°C 1500	-10°C 1500	-15°C 1500	-20°C 1500
Version	FIRST-SEASON		PREMIUM BE				
			Heating coil				
Total power kW	-		5,25				
Temp.°C on output from the unit	14,5	13,1	25,0	23,6	22,2	20,7	19,3

HEXAMOTION® 15 — Reversible R410A direct expansion coil - PREMIUM DXR

Evap. temp. (°C)	Air inlet temp. (°C-%HR)	Air flow (m³/h)	500	700	900	1100	1300	1500	1700
12	32-40	Power (kW)	2,9	3,5	4,1	4,6	5,0	5,4	5,7
		Air outlet temp. (°C-%HR)	18,1-80	19,3-77	20,2-74	21,0-72	21,6-70	22,1-69	22,6-67
	27-50	Power (kW)	2,1	2,6	3,1	3,4	3,7	4,0	4,2
		Air outlet temp. (°C-%HR)	16,7-84	17,7-81	18,4-79	18,9-77	19,4-76	19,8-75	20,1-74
	25-50	Power (kW)	1,6	2,0	2,3	2,6	2,9	3,1	3,4
		Air outlet temp. (°C-%HR)	16,0-84	16,8-81	17,4-79	17,9-77	18,4-75	18,7-73	19,0-72
7	32-40	Power (kW)	4,1	5,1	6,0	6,7	7,3	7,8	8,3
		Air outlet temp. (°C-%HR)	14,8-81	16,4-77	17,6-75	18,6-72	19,5-70	20,1-69	20,7-68
	27-50	Power (kW)	3,4	4,2	4,9	5,5	6,0	6,5	6,9
		Air outlet temp. (°C-%HR)	13,5-85	14,8-82	15,8-80	16,6-78	17,2-77	17,8-75	18,2-74
	25-50	Power (kW)	2,9	3,6	4,2	4,6	5,1	5,5	5,8
		Air outlet temp. (°C-%HR)	12,8-85	13,9-82	14,8-80	15,5-78	16,1-76	16,6-75	17,0-74
40	11	Power (kW)	3,8	4,8	5,7	6,5	7,3	7,9	8,5
		Air outlet temp. (°C)	32,7	30,8	29,3	28,1	27,1	26,2	25,4
	15	Power (kW)	3,2	4,1	4,9	5,6	6,2	6,7	7,2
		Air outlet temp. (°C)	33,7	32,1	30,8	29,7	28,8	28,1	27,4

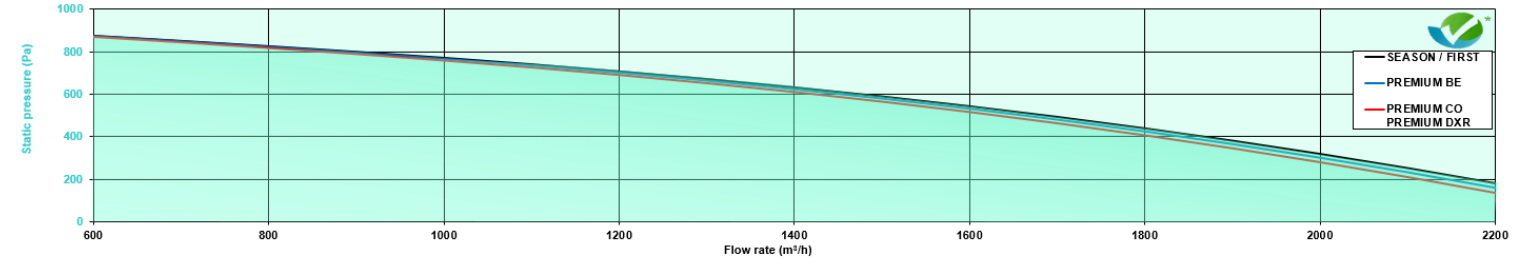
Condensing temperature (°C)

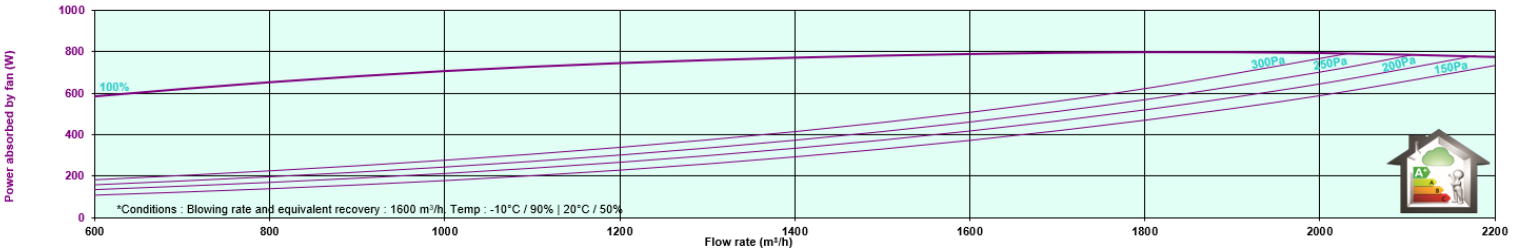
CURVES
SELECTION

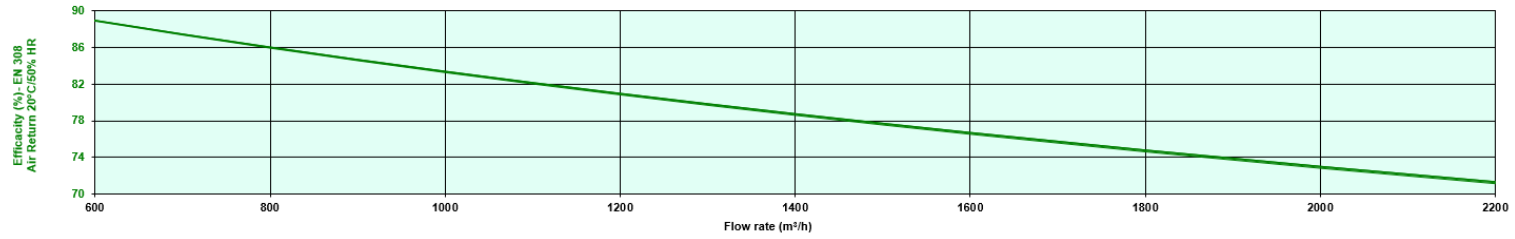
HEXAMOTION®

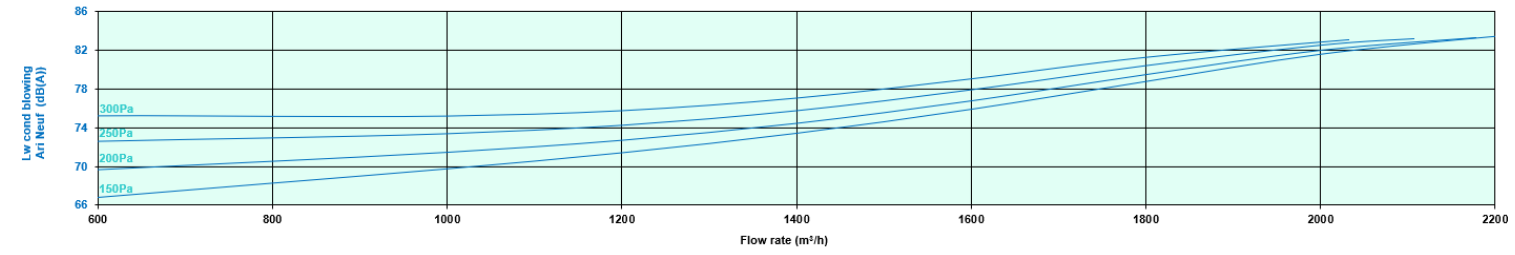
HEXAMOTION® 20

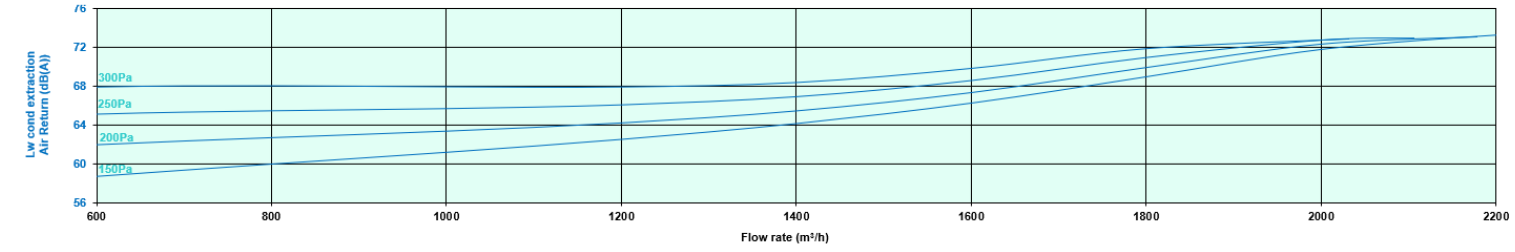
HEXAMOTION® 20

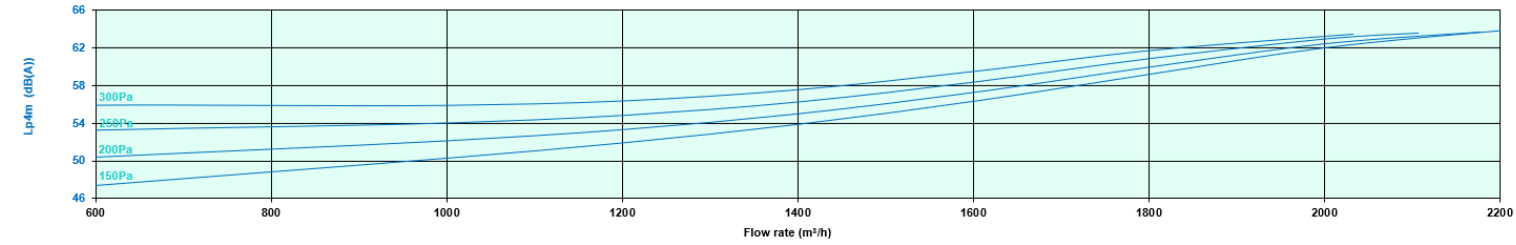












Air flow (m³/h)

HEXAMOTION® 20 — Changeover Coil - PREMIUM CO

Water temp. (°C/°C)	Air inlet temp. (°C)	Air flow (m³/h)	800	1000	1200	1400	1600	1800	2000
80/60	11	Motor (kW)/Air outlet temp. (°C)	11,3 / 52,4	13,3 / 49,8	15,0 / 47,6	16,6 / 45,7	18,1 / 44,1	19,5 / 42,7	20,8 / 41,4
		Water flow (l/h)/DP water (kPa)	497 / 5,5	581 / 7,3	657 / 9,1	727 / 11,0	793 / 12,9	854 / 14,8	911 / 16,7
	15	Motor (kW)/Air outlet temp. (°C)	10,6 / 53,7	12,4 / 51,2	14,0 / 49,1	15,5 / 47,3	16,8 / 45,8	18,1 / 44,5	19,4 / 43,3
		Water flow (l/h)/DP water (kPa)	463 / 4,8	541 / 6,4	612 / 8,0	678 / 9,7	738 / 11,3	795 / 13,0	849 / 14,6
60/50	11	Motor (kW)/Air outlet temp. (°C)	8,4 / 41,8	9,9 / 39,8	11,2 / 38,2	12,4 / 36,9	13,5 / 35,7	14,6 / 34,7	15,6 / 33,8
		Water flow (l/h)/DP water (kPa)	731 / 11,6	857 / 15,5	971 / 19,5	1077 / 23,6	1175 / 27,7	1267 / 31,9	1354 / 36,0
	15	Motor (kW)/Air outlet temp. (°C)	7,7 / 43,0	9,0 / 41,2	10,2 / 39,8	11,3 / 38,5	12,3 / 37,5	13,2 / 36,5	14,1 / 35,7
		Water flow (l/h)/DP water (kPa)	665 / 9,7	779 / 13,0	883 / 16,4	979 / 19,8	1068 / 23,3	1151 / 26,7	1230 / 30,2
45/40	11	Motor (kW)/Air outlet temp. (°C)	6,0 / 32,9	7,0 / 31,6	8,0 / 30,5	8,9 / 29,5	9,7 / 28,7	10,4 / 28,0	11,2 / 27,3
		Water flow (l/h)/DP water (kPa)	1037 / 22,9	1217 / 30,7	1381 / 38,8	1533 / 47,0	1674 / 55,2	1806 / 63,5	1931 / 71,9
	15	Motor (kW)/Air outlet temp. (°C)	5,2 / 34,1	6,1 / 33,0	7,0 / 32,0	7,7 / 31,2	8,4 / 30,4	9,1 / 29,8	9,7 / 29,2
		Water flow (l/h)/DP water (kPa)	905 / 17,8	1063 / 23,9	1205 / 30,2	1337 / 36,5	1460 / 42,9	1575 / 49,4	1683 / 55,8
7/12	32-40	Motor (kW)/Air outlet temp. (°C-%HR)	5,7 / 16,9-79	6,6 / 17,9-77	7,3 / 18,7-75	8,0 / 19,4-73	8,6 / 19,9-72	9,2 / 20,4-71	9,7 / 20,9-69
		Water flow (l/h)/DP water (kPa)	982 / 23,6	1129 / 30,4	1258 / 37,1	1373 / 43,6	1477 / 49,9	1572 / 55,9	1660 / 61,8
	27-50	Motor (kW)/Air outlet temp. (°C-%HR)	4,4 / 15,5-84	5,1 / 16,3-82	5,7 / 16,9-80	6,2 / 17,4-79	6,6 / 17,8-78	7,1 / 18,2-77	7,4 / 18,6-76
		Water flow (l/h)/DP water (kPa)	761 / 14,8	874 / 19,0	972 / 23,1	1060 / 27,1	1140 / 31,0	1213 / 34,7	1280 / 38,3
	25-50	Motor (kW)/Air outlet temp. (°C-%HR)	3,3 / 15,0-84	3,8 / 15,7-82	4,3 / 16,2-80	4,7 / 16,6-79	5,0 / 17,0-78	5,4 / 17,3-77	5,7 / 17,6-76
		Water flow (l/h)/DP water (kPa)	573 / 8,8	658 / 11,3	735 / 13,8	805 / 16,4	866 / 18,7	923 / 21,0	983 / 23,6
6/11	32-40	Motor (kW)/Air outlet temp. (°C-%HR)	6,2 / 16,2-80	7,1 / 17,3-77	7,9 / 18,1-75	8,6 / 18,8-73	9,3 / 19,4-72	9,9 / 19,9-71	10,5 / 20,4-69
		Water flow (l/h)/DP water (kPa)	1058 / 27,2	1218 / 35,2	1359 / 43,0	1484 / 50,6	1598 / 57,9	1702 / 65,0	1797 / 71,9
	27-50	Motor (kW)/Air outlet temp. (°C-%HR)	4,9 / 14,8-84	5,6 / 15,6-82	6,2 / 16,3-81	6,8 / 16,9-79	7,3 / 17,3-78	7,8 / 17,8-77	8,2 / 18,1-76
		Water flow (l/h)/DP water (kPa)	836 / 17,6	962 / 22,8	1072 / 27,8	1170 / 32,6	1259 / 37,3	1340 / 41,9	1415 / 46,3
	25-50	Motor (kW)/Air outlet temp. (°C-%HR)	3,9 / 14,2-84	4,5 / 14,9-82	5,0 / 15,5-80	5,4 / 16,0-79	5,9 / 16,4-78	6,2 / 16,7-77	6,6 / 17,1-76
		Water flow (l/h)/DP water (kPa)	672 / 11,8	771 / 15,2	858 / 18,5	936 / 21,7	1006 / 24,7	1071 / 27,7	1130 / 30,6

HEXAMOTION® 20 — Electric coil - PREMIUM BE

Fresh air Air flow (m³/h)	0°C 2000	-5°C 2000	0°C 2000	-5°C 2000	-10°C 2000	-15°C 2000	-20°C 2000
Version	FIRST-SEASON		PREMIUM BE				
			Heating coil				
Total power kW	-		10,5				
Temp.°C on output from the unit	14,7	13,3	30,5	29,1	27,8	26,4	25,0

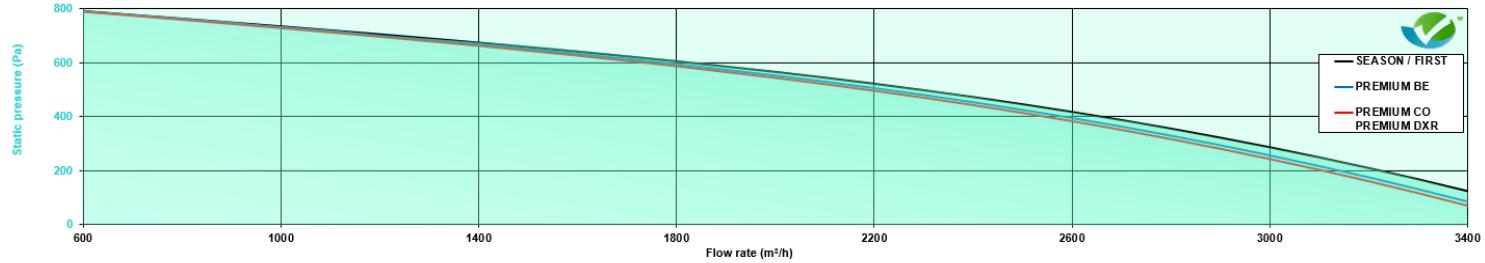
HEXAMOTION® 20 — Reversible R410A direct expansion coil - PREMIUM DXR

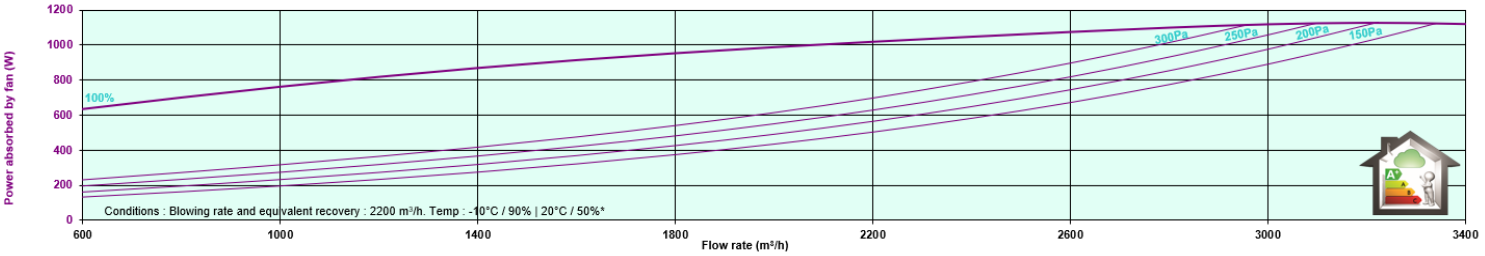
Evap. temp. (°C)	Air inlet temp. (°C-%HR)	Air flow (m³/h)	800	1000	1200	1400	1600	1800	2000
12	32-40	Power (kW)	4,3	4,9	5,5	6,0	6,4	6,8	7,2
		Air outlet temp. (°C-%HR)	18,7-78	19,5-76	20,2-74	20,8-72	21,3-71	21,7-70	22,1-69
	27-50	Power (kW)	3,2	3,7	4,1	4,5	4,8	5,1	5,4
		Air outlet temp. (°C-%HR)	17,2-83	17,8-81	18,3-79	18,8-78	19,1-77	19,5-76	19,7-75
	25-50	Power (kW)	2,4	2,8	3,1	3,3	3,6	3,9	4,2
		Air outlet temp. (°C-%HR)	16,4-83	17,0-81	17,4-79	17,8-78	18,1-76	18,4-75	18,7-74
7	32-40	Power (kW)	6,2	7,2	8,0	8,7	9,4	10,0	10,5
		Air outlet temp. (°C-%HR)	15,6-79	16,7-77	17,6-75	18,4-73	19,0-71	19,6-70	20,1-69
	27-50	Power (kW)	5,2	5,9	6,6	7,2	7,7	8,2	8,7
		Air outlet temp. (°C-%HR)	14,1-84	15,0-82	15,7-80	16,4-79	16,9-77	17,3-76	17,7-75
	25-50	Power (kW)	4,3	5,0	5,6	6,1	6,5	6,9	7,3
		Air outlet temp. (°C-%HR)	13,4-83	14,2-81	14,8-80	15,3-78	15,8-77	16,2-76	16,6-75
40	11	Power (kW)	5,8	6,8	7,7	8,5	9,2	9,9	10,6
		Air outlet temp. (°C)	31,7	30,4	29,4	28,4	27,6	26,9	26,2
	15	Power (kW)	4,9	5,7	6,5	7,2	7,9	8,5	9,0
		Air outlet temp. (°C)	32,9	31,8	30,8	30,0	29,3	28,7	28,1

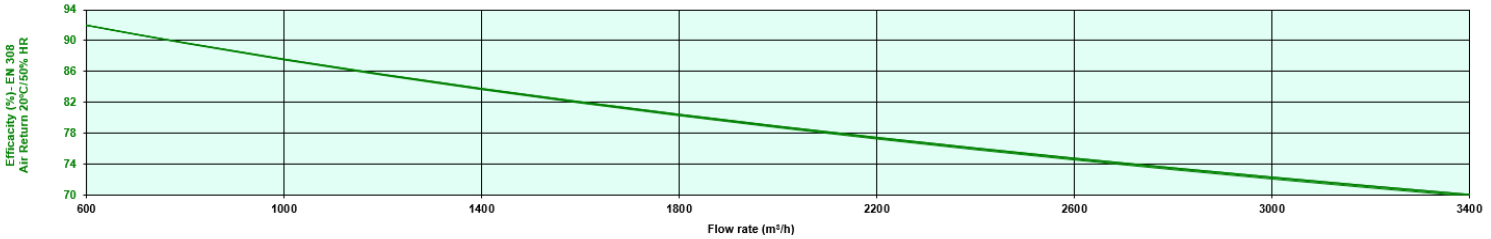
Condensing temperature (°C)

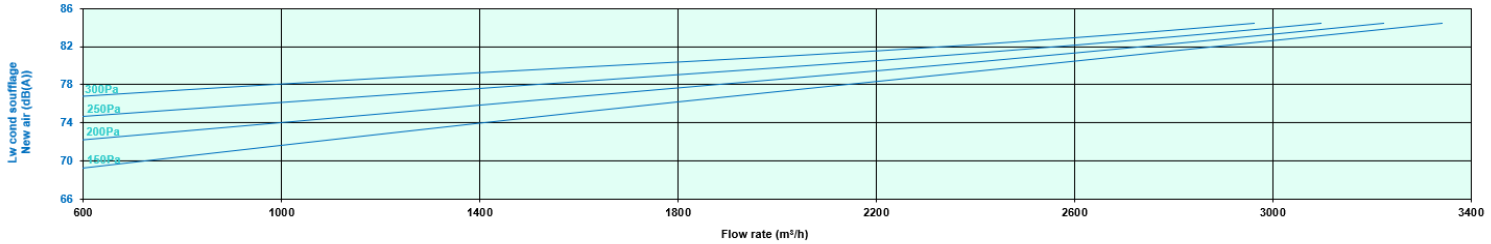
CURVES SELECTION HEXAMOTION®

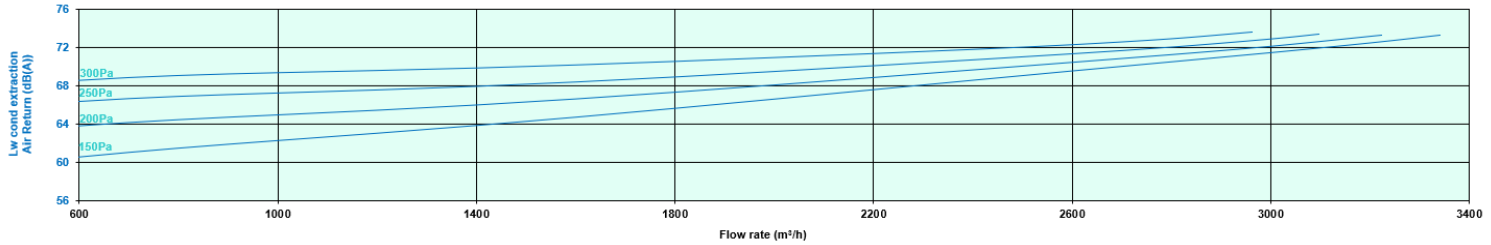
HEXAMOTION® 27

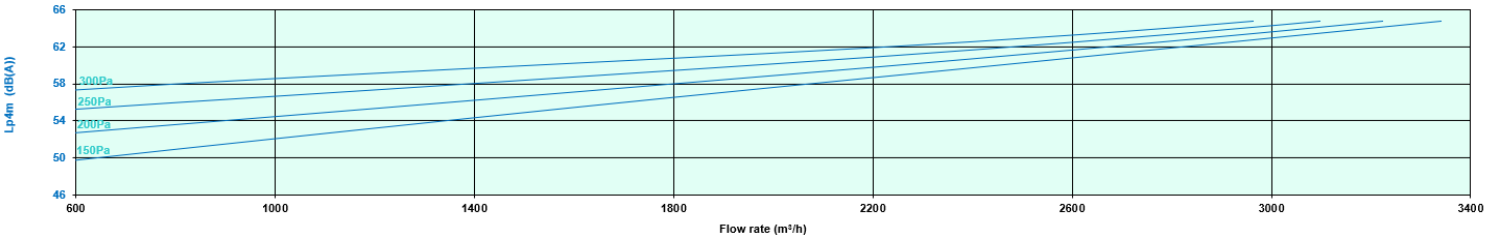












HEXAMOTION® 27 — Changeover Coil - PREMIUM CO

Water temp. (°C/°C)	Air inlet temp. (°C)	Air flow (m³/h)	1000	1400	1800	2200	2600	3000
80/60	11	Motor (kW)/Air outlet temp. (°C)	14,8 / 54,4	18,8 / 50,4	22,3 / 47,3	25,5 / 44,9	28,3 / 42,9	31,0 / 41,2
		Water flow (l/h)/DP water (kPa)	650 / 3,7	826 / 5,7	979 / 7,7	1117 / 9,8	1242 / 12,0	1357 / 14,1
	15	Motor (kW)/Air outlet temp. (°C)	13,8 / 55,5	17,6 / 51,7	20,8 / 48,9	23,8 / 46,6	26,4 / 44,7	28,8 / 43,1
		Water flow (l/h)/DP water (kPa)	606 / 3,2	770 / 5,0	913 / 6,8	1041 / 8,7	1157 / 10,5	1264 / 12,3
60/50	11	Motor (kW)/Air outlet temp. (°C)	11,0 / 43,1	14,0 / 40,3	16,7 / 38,1	19,0 / 36,3	21,2 / 34,9	23,2 / 33,6
		Water flow (l/h)/DP water (kPa)	955 / 7,7	1218 / 12,1	1449 / 16,7	1656 / 21,1	1844 / 25,7	2017 / 30,4
	15	Motor (kW)/Air outlet temp. (°C)	10,0 / 44,3	12,7 / 41,6	15,1 / 39,6	17,3 / 38,0	19,3 / 36,7	21,1 / 35,6
		Water flow (l/h)/DP water (kPa)	869 / 6,5	1108 / 10,1	1317 / 13,9	1505 / 17,7	1675 / 21,6	1832 / 25,5
45/40	11	Motor (kW)/Air outlet temp. (°C)	7,8 / 33,9	10,0 / 31,9	11,9 / 30,4	13,6 / 29,1	15,2 / 28,1	16,6 / 27,2
		Water flow (l/h)/DP water (kPa)	1353 / 15,2	1730 / 23,8	2060 / 32,8	2358 / 42,0	2628 / 51,2	2878 / 60,5
	15	Motor (kW)/Air outlet temp. (°C)	6,8 / 35,0	8,7 / 33,2	10,4 / 31,9	11,9 / 30,8	13,2 / 29,9	14,5 / 29,1
		Water flow (l/h)/DP water (kPa)	1182 / 11,9	1510 / 18,6	1798 / 25,5	2056 / 32,7	2292 / 39,9	2509 / 47,0
7/12	32-40	Motor (kW)/Air outlet temp. (°C-%HR)	7,6 / 16,2-81	9,4 / 17,7-78	10,9 / 18,8-75	12,2 / 19,6-73	13,3 / 20,3-71	14,3 / 20,9-69
		Water flow (l/h)/DP water (kPa)	1299 / 16,2	1611 / 24,0	1871 / 31,5	2095 / 38,7	2291 / 45,6	2466 / 52,2
	27-50	Motor (kW)/Air outlet temp. (°C-%HR)	5,9 / 15,0-85	7,3 / 16,2-82	8,5 / 17,0-80	9,5 / 17,7-78	10,4 / 18,2-77	11,2 / 18,7-76
		Water flow (l/h)/DP water (kPa)	1021 / 10,4	1262 / 15,4	1462 / 20,1	1634 / 24,6	1785 / 28,9	1920 / 33,1
	25-50	Motor (kW)/Air outlet temp. (°C-%HR)	4,5 / 14,6-85	5,5 / 15,6-82	6,4 / 16,3-80	7,2 / 16,9-78	7,9 / 17,3-77	8,6 / 17,7-75
		Water flow (l/h)/DP water (kPa)	772 / 6,3	950 / 9,2	1105 / 12,1	1241 / 14,9	1358 / 17,6	1475 / 20,4
6/11	32-40	Motor (kW)/Air outlet temp. (°C-%HR)	8,2 / 15,6-81	10,2 / 17,1-77	11,9 / 18,3-75	13,3 / 19,2-72	14,6 / 20,0-71	15,7 / 20,6-69
		Water flow (l/h)/DP water (kPa)	1417 / 19,1	1760 / 28,3	2046 / 37,3	2291 / 45,9	2507 / 54,1	2699 / 61,9
	27-50	Motor (kW)/Air outlet temp. (°C-%HR)	6,4 / 14,3-86	8,0 / 15,5-83	9,3 / 16,4-80	10,4 / 17,1-79	11,4 / 17,7-77	12,2 / 18,2-76
		Water flow (l/h)/DP water (kPa)	1106 / 12,1	1372 / 18,0	1594 / 23,6	1784 / 29,0	1952 / 34,2	2102 / 39,2
	25-50	Motor (kW)/Air outlet temp. (°C-%HR)	5,2 / 13,7-85	6,4 / 14,7-82	7,4 / 15,5-80	8,3 / 16,2-78	9,1 / 16,7-77	9,8 / 17,1-76
		Water flow (l/h)/DP water (kPa)	889 / 8,1	1099 / 12,0	1275 / 15,7	1426 / 19,3	1559 / 22,7	1678 / 26,0

HEXAMOTION® 27 — Electric coil- PREMIUM BE

Fresh air Air flow (m³/h)	0°C 2700	-5°C 2700	0°C 2700	-5°C 2700	-10°C 2700	-15°C 2700	-20°C 2700
Version	FIRST-SEASON		PREMIUM BE				
			Heating coil				
Total power kW	-		13,5				
Temp.°C on output from the unit	14,9	13,6	29,9	28,6	27,3	26,0	24,7

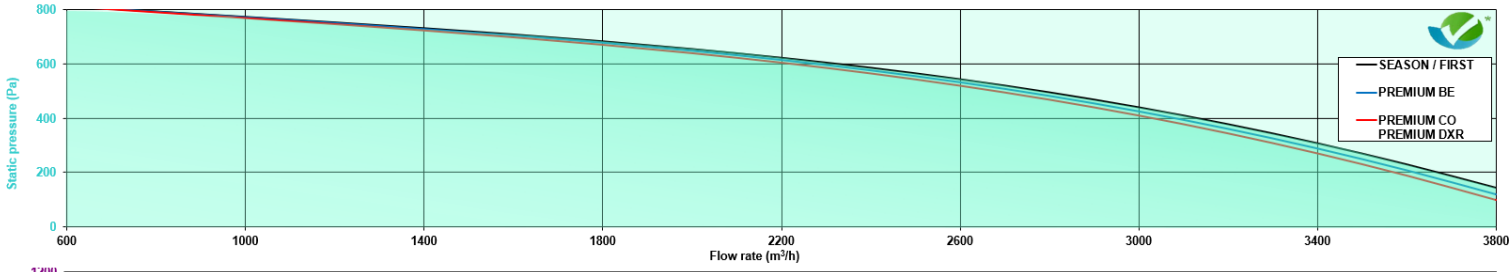
HEXAMOTION® 27 — Reversible R410A direct expansion coil - PREMIUM DXR

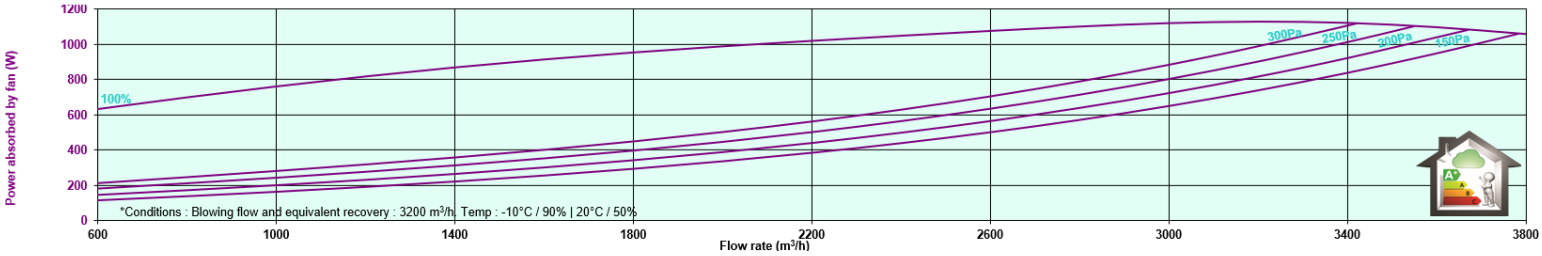
Evap. temp. (°C)	Air inlet temp. (°C-%HR)	Air flow (m³/h)	1000	1400	1800	2200	2600	3000
12	32-40	Power (kW)	5,7	7,1	8,2	9,1	10,0	10,7
		Air outlet temp. (°C-%HR)	18,1-80	19,3-77	20,2-74	21,0-72	21,6-70	22,1-69
	27-50	Power (kW)	4,3	5,3	6,1	6,8	7,4	8,0
		Air outlet temp. (°C-%HR)	16,7-84	17,7-81	18,4-79	18,9-77	19,4-76	19,8-75
	25-50	Power (kW)	3,2	4,0	4,6	5,1	5,7	6,2
		Air outlet temp. (°C-%HR)	16,1-84	16,8-81	17,4-79	18,0-77	18,4-75	18,7-73
7	32-40	Power (kW)	8,3	10,3	11,9	13,4	14,6	15,7
		Air outlet temp. (°C-%HR)	14,8-81	16,4-77	17,7-75	18,7-72	19,5-70	20,2-69
	27-50	Power (kW)	6,8	8,5	9,8	11,0	12,0	12,9
		Air outlet temp. (°C-%HR)	13,5-85	14,8-82	15,8-80	16,6-78	17,2-77	17,8-75
	25-50	Power (kW)	5,7	7,1	8,3	9,3	10,1	10,9
		Air outlet temp. (°C-%HR)	12,8-85	14,0-82	14,8-79	15,6-78	16,1-76	16,6-75
40	11	Power (kW)	7,5	9,6	11,4	13,0	14,5	15,8
		Air outlet temp. (°C)	32,6	30,7	29,3	28,0	27,0	26,1
	15	Power (kW)	6,4	8,2	9,7	11,1	12,3	13,4
		Air outlet temp. (°C)	33,6	32,0	30,7	29,7	28,8	28,0

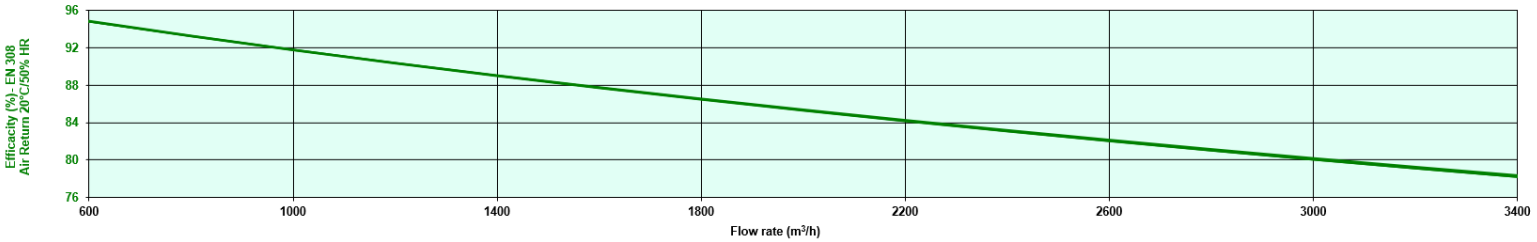
Condensing temperature (°C)

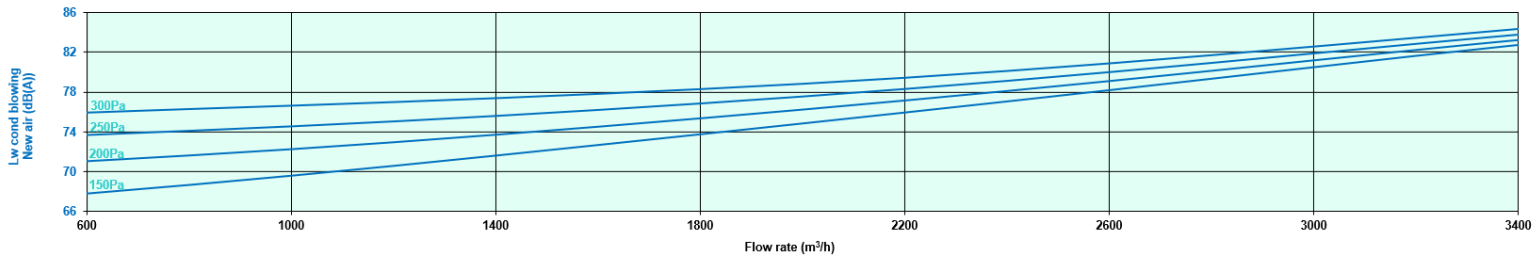
CURVES SELECTION HEXAMOTION®

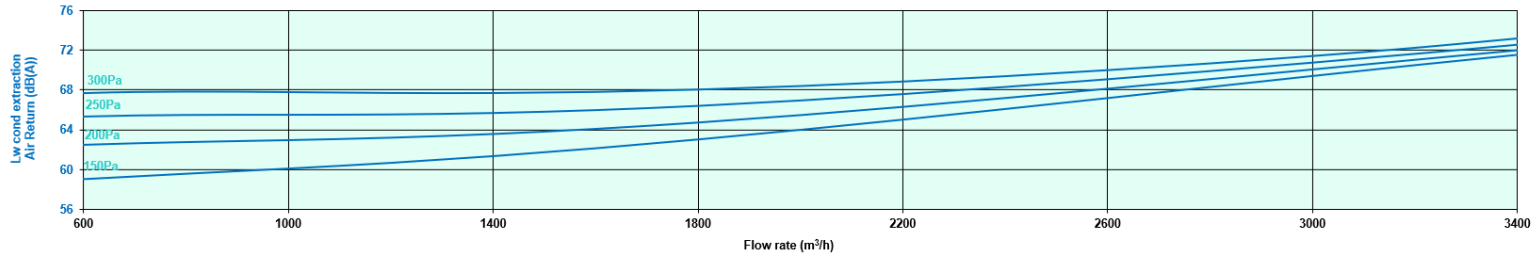
HEXAMOTION® 35

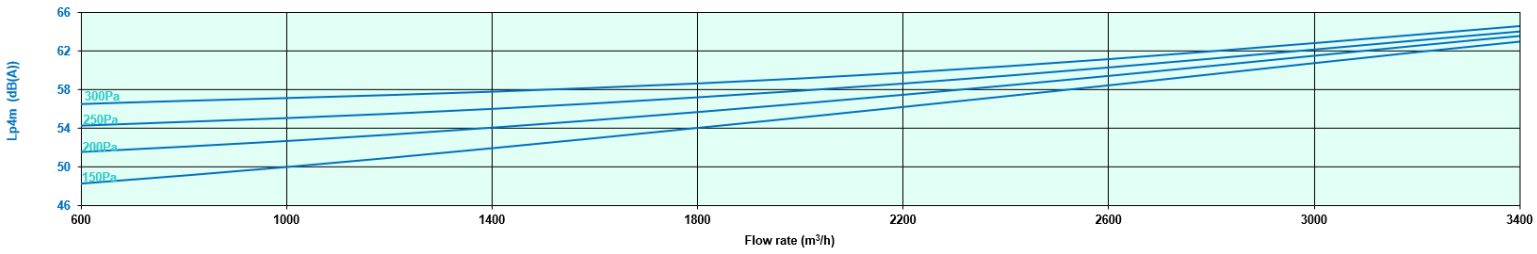












HEXAMOTION® 35 — Changeover Coil - PREMIUM CO

Water temp. (°C/°C)	Air inlet temp. (°C)	Flow rate (m³/h)	1000	1400	1800	2200	2600	3000	3400
80/60	11	Motor (kW)/Air outlet temp. (°C)	15,6 / 56,6	19,9 / 52,6	23,8 / 49,6	27,2 / 47,2	30,3 / 45,2	33,3 / 43,4	36,0 / 42,0
		Water flow (l/h)/DP water (kPa)	682 / 2,5	872 / 3,9	1041 / 5,3	1192 / 6,9	1330 / 8,4	1457 / 9,9	1576 / 11,5
	15	Motor (kW)/Air outlet temp. (°C)	14,5 / 57,5	18,6 / 53,8	22,1 / 51,0	25,3 / 48,7	28,3 / 46,8	31,0 / 45,2	33,5 / 43,8
		Water flow (l/h)/DP water (kPa)	637 / 2,2	813 / 3,4	970 / 4,7	1110 / 6,0	1239 / 7,4	1357 / 8,7	1468 / 10,1
60/50	11	Motor (kW)/Air outlet temp. (°C)	11,5 / 44,7	14,8 / 41,9	17,7 / 39,8	20,3 / 38,0	22,7 / 36,5	24,9 / 35,3	26,9 / 34,2
		Water flow (l/h)/DP water (kPa)	1002 / 5,2	1286 / 8,2	1538 / 11,4	1764 / 14,7	1972 / 18,1	2164 / 21,5	2343 / 24,9
	15	Motor (kW)/Air outlet temp. (°C)	10,5 / 45,7	13,4 / 43,1	16,1 / 41,1	18,4 / 39,5	20,6 / 38,2	22,6 / 37,0	24,5 / 36,1
		Water flow (l/h)/DP water (kPa)	912 / 4,4	1169 / 6,9	1398 / 9,6	1603 / 12,4	1792 / 15,2	1966 / 18,0	2128 / 20,8
45/40	11	Motor (kW)/Air outlet temp. (°C)	8,2 / 35,0	10,5 / 33,0	12,6 / 31,5	14,5 / 30,3	16,2 / 29,3	17,8 / 28,4	19,3 / 27,6
		Water flow (l/h)/DP water (kPa)	1418 / 10,2	1824 / 16,2	2186 / 22,7	2511 / 29,3	2810 / 36,1	3086 / 42,9	3343 / 49,8
	15	Motor (kW)/Air outlet temp. (°C)	7,2 / 36,0	9,2 / 34,2	11,0 / 32,9	12,7 / 31,8	14,2 / 30,9	15,5 / 30,2	16,8 / 29,5
		Water flow (l/h)/DP water (kPa)	1239 / 8,0	1592 / 12,6	1907 / 17,6	2190 / 22,8	2450 / 28,0	2690 / 33,3	2914 / 38,6
7/12	32-40	Motor (kW)/Air outlet temp. (°C-%HR)	8,0 / 15,5-83	10,0 / 16,9-80	11,7 / 18,0-77	13,2 / 18,8-75	14,5 / 19,6-73	15,6 / 20,2-71	16,7 / 20,7-70
		Water flow (l/h)/DP water (kPa)	1372 / 10,9	1719 / 16,5	2011 / 22,1	2263 / 27,4	2486 / 32,6	2686 / 37,6	2867 / 42,4
	27-50	Motor (kW)/Air outlet temp. (°C-%HR)	6,2 / 14,4-87	7,7 / 15,5-84	9,0 / 16,3-82	10,1 / 17,0-80	11,1 / 17,6-79	12,0 / 18,0-78	12,8 / 18,5-76
		Water flow (l/h)/DP water (kPa)	1065 / 6,9	1329 / 10,3	1551 / 13,7	1744 / 17,0	1913 / 20,1	2066 / 23,2	2204 / 26,1
	25-50	Motor (kW)/Air outlet temp. (°C-%HR)	4,7 / 14,1-87	5,8 / 15,0-84	6,8 / 15,7-82	7,7 / 16,3-80	8,4 / 16,8-79	9,1 / 17,2-77	9,7 / 17,5-76
		Water flow (l/h)/DP water (kPa)	808 / 4,1	998 / 6,1	1165 / 8,1	1315 / 10,1	1445 / 12,0	1564 / 13,9	1671 / 15,7
6/11	32-40	Motor (kW)/Air outlet temp. (°C-%HR)	8,6 / 14,7-84	10,8 / 16,2-80	12,6 / 17,3-77	14,2 / 18,3-75	15,6 / 19,0-73	16,9 / 19,7-71	18,1 / 20,2-70
		Water flow (l/h)/DP water (kPa)	1476 / 12,6	1852 / 19,1	2171 / 25,5	2447 / 31,8	2690 / 37,9	2908 / 43,7	3106 / 49,4
	27-50	Motor (kW)/Air outlet temp. (°C-%HR)	6,8 / 13,6-87	8,5 / 14,8-84	9,9 / 15,7-82	11,2 / 16,4-80	12,3 / 17,0-79	13,3 / 17,6-78	14,2 / 18,0-77
		Water flow (l/h)/DP water (kPa)	1168 / 8,2	1461 / 12,3	1710 / 16,4	1925 / 20,5	2115 / 24,3	2285 / 28,1	2440 / 31,7
	25-50	Motor (kW)/Air outlet temp. (°C-%HR)	5,5 / 13,1-87	6,8 / 14,2-84	8,0 / 15,0-82	8,9 / 15,6-80	9,8 / 16,1-79	10,6 / 16,6-77	11,3 / 16,9-76
		Water flow (l/h)/DP water (kPa)	938 / 5,5	1171 / 8,2	1367 / 10,9	1536 / 13,5	1686 / 16,0	1821 / 18,5	1943 / 20,8

HEXAMOTION® 35 — ELECTRIC COIL - PREMIUM BE

Fresh air	0°C	-5°C	0°C	-5°C	-10°C	-15°C	-20°C
Air flow (m³/h)	3500	3500	3500	3500	3500	3500	3500
Version	FIRST-SEASON		PREMIUM BE				
			Heating coil				
Total power kW	-		16,5				
Temp.°C on output from the unit	15,6	14,5	29,7	28,6	27,5	26,4	25,2

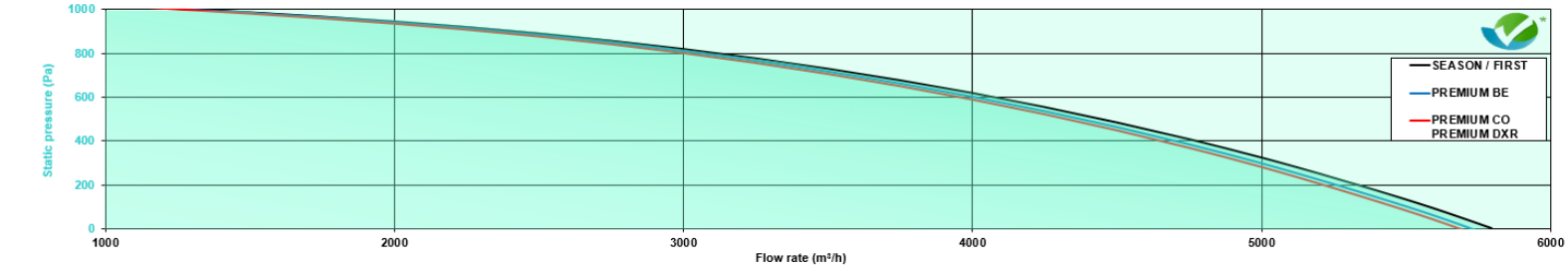
HEXAMOTION® 35 — Reversible R410A direct expansion coil - PREMIUM DXR

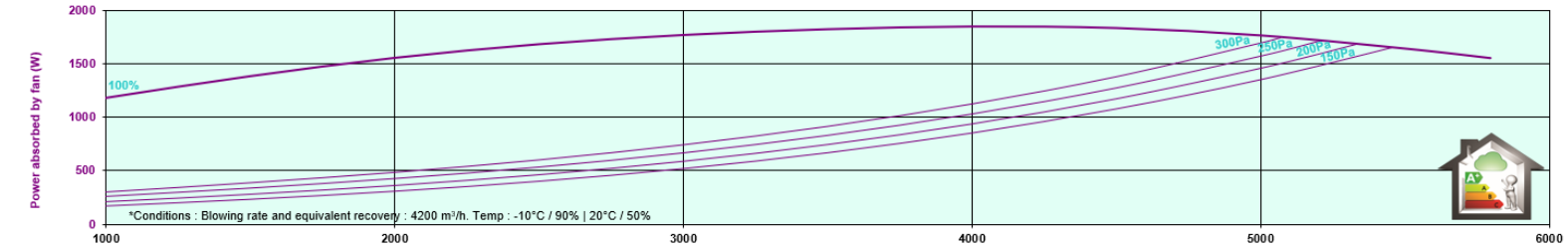
Evap. temp. (°C)	Air inlet temp. (°C-%HR)	Air flow (m³/h)	1000	1400	1800	2200	2600	3000	3400
12	32-40	Power (kW)	6,1	7,6	8,9	10,0	11,0	11,8	12,6
		Air outlet temp. (°C-%HR)	17,4-82	18,6-79	19,5-76	20,2-74	20,9-72	21,4-71	21,9-69
	27-50	Power (kW)	4,6	5,7	6,7	7,5	8,2	8,8	9,4
		Air outlet temp. (°C-%HR)	16,2-86	17,1-83	17,8-81	18,4-79	18,8-78	19,2-77	19,6-75
	25-50	Power (kW)	3,4	4,3	5,0	5,6	6,2	6,7	7,3
		Air outlet temp. (°C-%HR)	15,6-86	16,4-83	17,0-81	17,4-79	17,9-78	18,2-76	18,5-74
7	32-40	Power (kW)	8,8	11,0	12,9	14,6	16,0	17,3	18,4
		Air outlet temp. (°C-%HR)	13,9-83	15,5-80	16,7-77	17,7-75	18,5-73	19,2-71	19,8-70
	27-50	Power (kW)	7,2	9,1	10,7	12,0	13,2	14,3	15,2
		Air outlet temp. (°C-%HR)	12,7-87	14,0-84	15,0-82	15,8-80	16,5-78	17,0-77	17,5-76
	25-50	Power (kW)	6,1	7,7	9,0	10,1	11,1	12,0	12,8
		Air outlet temp. (°C-%HR)	12,1-87	13,3-84	14,1-81	14,8-79	15,4-78	15,9-77	16,4-76
40	11	Power (kW)	7,9	10,2	12,2	14,0	15,6	17,1	18,5
		Air outlet temp. (°C)	33,7	31,9	30,5	29,3	28,3	27,4	26,6
	15	Power (kW)	6,7	8,7	10,4	11,9	13,3	14,5	15,7
		Air outlet temp. (°C)	34,5	33,0	31,8	30,8	29,9	29,1	28,5

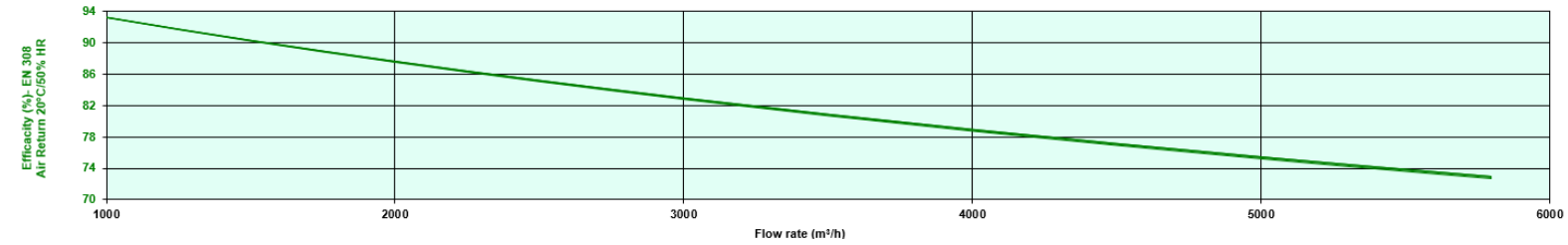
Condensing temperature (°C)

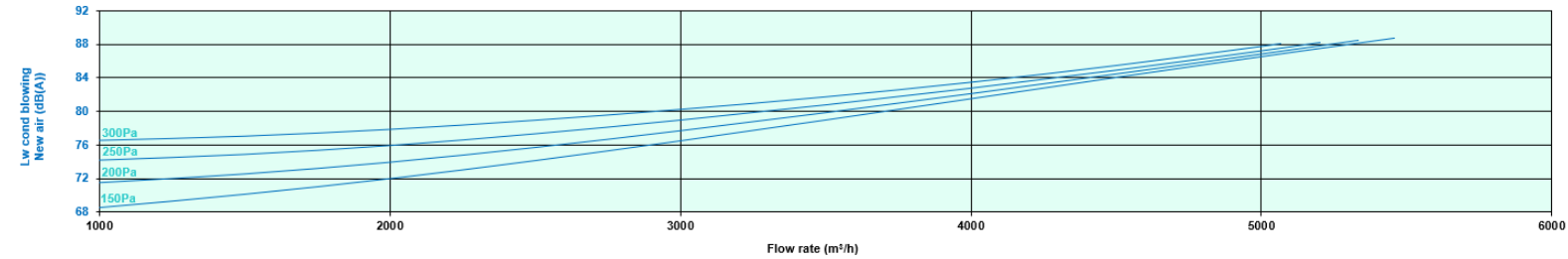
CURVES SELECTION HEXAMOTION®

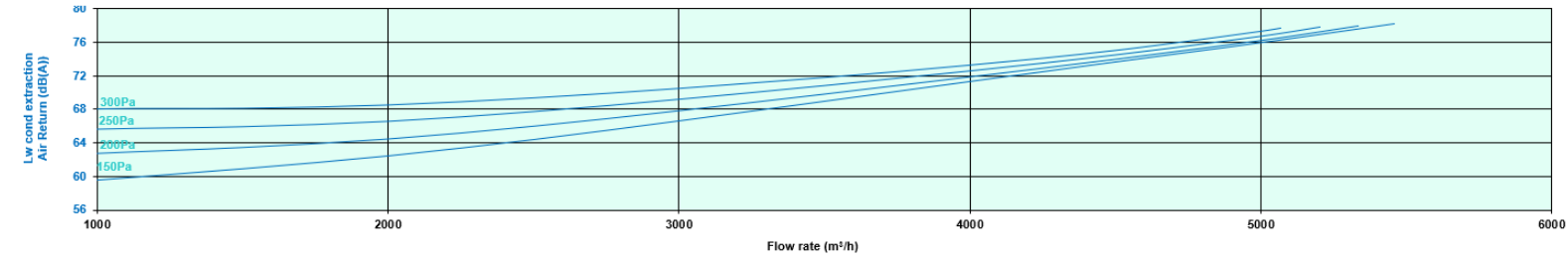
HEXAMOTION® 45

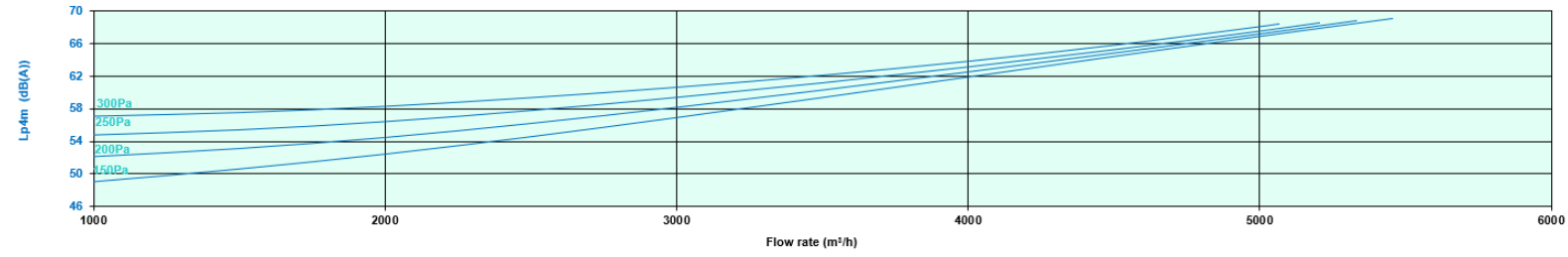












HEXAMOTION® 45 — Changeover Coil - PREMIUM CO

Water temp. (°C/°C)	Air inlet temp. (°C)	Air flow (m³/h)	2000	2500	3000	3500	4000	4500	5000
80/60	11	Motor (kW)/Air outlet temp. (°C)	28,2 / 52,3	33,0 / 49,6	37,3 / 47,4	41,3 / 45,5	45,0 / 43,9	48,5 / 42,5	51,7 / 41,3
		Water flow (l/h)/DP water (kPa)	1237 / 3,7	1446 / 4,9	1636 / 6,2	1811 / 7,4	1973 / 8,7	2125 / 10,0	2268 / 11,2
	15	Motor (kW)/Air outlet temp. (°C)	26,3 / 53,5	30,8 / 51,0	34,8 / 48,9	38,5 / 47,2	41,9 / 45,7	45,1 / 44,4	48,2 / 43,2
		Water flow (l/h)/DP water (kPa)	1153 / 3,2	1348 / 4,3	1524 / 5,4	1687 / 6,5	1837 / 7,6	1979 / 8,8	2112 / 9,9
60/50	11	Motor (kW)/Air outlet temp. (°C)	21,0 / 41,7	24,6 / 39,8	27,8 / 38,2	30,9 / 36,8	33,7 / 35,6	36,3 / 34,6	38,8 / 33,7
		Water flow (l/h)/DP water (kPa)	1823 / 7,9	2136 / 10,5	2421 / 13,2	2684 / 16,0	2928 / 18,8	3157 / 21,6	3373 / 24,3
	15	Motor (kW)/Air outlet temp. (°C)	19,1 / 42,9	22,3 / 41,1	25,3 / 39,7	28,0 / 38,4	30,6 / 37,4	33,0 / 36,4	35,2 / 35,6
		Water flow (l/h)/DP water (kPa)	1657 / 6,6	1942 / 8,8	2200 / 11,1	2438 / 13,4	2660 / 15,7	2867 / 18,1	3063 / 20,4
45/40	11	Motor (kW)/Air outlet temp. (°C)	14,9 / 32,9	17,5 / 31,5	19,9 / 30,4	22,1 / 29,5	24,1 / 28,6	26,0 / 27,9	27,8 / 27,3
		Water flow (l/h)/DP water (kPa)	2586 / 15,5	3036 / 20,8	3445 / 26,3	3822 / 31,8	4174 / 37,4	4503 / 43,0	4814 / 48,6
	15	Motor (kW)/Air outlet temp. (°C)	13,1 / 34,1	15,3 / 32,9	17,4 / 31,9	19,3 / 31,1	21,0 / 30,4	22,7 / 29,8	24,3 / 29,2
		Water flow (l/h)/DP water (kPa)	2258 / 12,1	2649 / 16,2	3005 / 20,4	3333 / 24,7	3639 / 29,0	3926 / 33,4	4196 / 37,7
7/12	32-40	Motor (kW)/Air outlet temp. (°C-%HR)	14,1 / 17,0-79	16,3 / 18,0-77	18,1 / 18,7-75	19,8 / 19,4-73	21,2 / 20,0-72	22,6 / 20,5-71	23,9 / 20,9-69
		Water flow (l/h)/DP water (kPa)	2432 / 15,8	2795 / 20,4	3113 / 24,9	3396 / 29,2	3653 / 33,3	3887 / 37,4	4103 / 41,3
	27-50	Motor (kW)/Air outlet temp. (°C-%HR)	10,9 / 15,6-84	12,5 / 16,3-82	14,0 / 17,0-80	15,2 / 17,5-79	16,4 / 17,9-78	17,4 / 18,3-77	18,4 / 18,6-76
		Water flow (l/h)/DP water (kPa)	1880 / 9,9	2157 / 12,7	2399 / 15,4	2615 / 18,1	2811 / 20,6	2990 / 23,1	3155 / 25,5
	25-50	Motor (kW)/Air outlet temp. (°C-%HR)	8,2 / 15,1-84	9,4 / 15,7-82	10,5 / 16,3-80	11,5 / 16,7-79	12,4 / 17,1-78	13,2 / 17,4-77	14,1 / 17,6-76
		Water flow (l/h)/DP water (kPa)	1413 / 5,9	1620 / 7,5	1810 / 9,2	1975 / 10,8	2128 / 12,4	2271 / 14,0	2419 / 15,7
6/11	32-40	Motor (kW)/Air outlet temp. (°C-%HR)	15,3 / 16,3-80	17,5 / 17,3-77	19,6 / 18,2-75	21,4 / 18,9-73	23,0 / 19,5-72	24,5 / 20,0-71	25,9 / 20,5-69
		Water flow (l/h)/DP water (kPa)	2622 / 18,2	3017 / 23,6	3364 / 28,8	3674 / 33,9	3954 / 38,8	4210 / 43,5	4447 / 48,1
	27-50	Motor (kW)/Air outlet temp. (°C-%HR)	12,0 / 14,9-84	13,8 / 15,7-82	15,4 / 16,4-81	16,8 / 16,9-79	18,1 / 17,4-78	19,2 / 17,8-77	20,3 / 18,2-76
		Water flow (l/h)/DP water (kPa)	2068 / 11,8	2377 / 15,2	2647 / 18,6	2889 / 21,8	3108 / 24,9	3308 / 27,9	3493 / 30,9
	25-50	Motor (kW)/Air outlet temp. (°C-%HR)	9,6 / 14,3-84	11,1 / 15,0-82	12,3 / 15,5-80	13,4 / 16,0-79	14,4 / 16,4-78	15,3 / 16,8-77	16,2 / 17,1-76
		Water flow (l/h)/DP water (kPa)	1657 / 7,9	1900 / 10,1	2114 / 12,3	2305 / 14,4	2478 / 16,5	2636 / 18,4	2782 / 20,3

HEXAMOTION® 45 — Electric coil - PREMIUM BE

Fresh air Air flow (m³/h)	0°C 4500	-5°C 4500	0°C 4500	-5°C 4500	-10°C 4500	-15°C 4500	-20°C 4500
Version	FIRST-SEASON		PREMIUM BE				
			Heating coil				
Total power kW	-		24				
Temp.°C on output from the unit	15,5	14,4	31,5	30,4	29,2	28,0	26,9

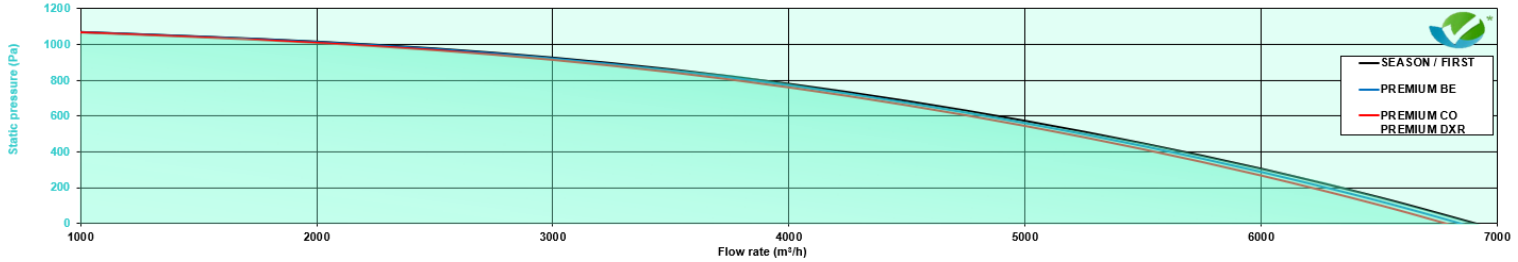
HEXAMOTION® 45 — Reversible R410A direct expansion coil - PREMIUM DXR

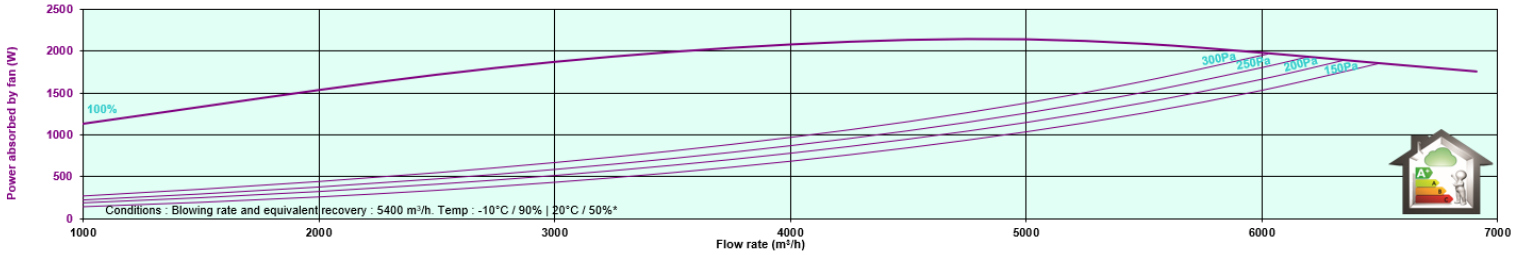
Evap. temp. (°C)	Air inlet temp. (°C-%HR)	Air flow (m³/h)	2000	2500	3000	3500	4000	4500	5000
12	32-40	Power (kW)	10,8	12,4	13,8	15,0	16,1	17,1	18,0
		Air outlet temp. (°C-%HR)	18,7-78	19,5-76	20,2-74	20,8-72	21,3-71	21,7-70	22,1-69
	27-50	Power (kW)	8,0	9,2	10,3	11,2	12,0	12,7	13,4
		Air outlet temp. (°C-%HR)	17,2-83	17,8-81	18,3-79	18,8-78	19,1-77	19,5-76	19,8-75
	25-50	Power (kW)	6,0	6,9	7,7	8,4	9,1	9,8	10,4
		Air outlet temp. (°C-%HR)	16,5-83	17,0-81	17,4-79	17,8-78	18,1-76	18,4-75	18,7-73
7	32-40	Power (kW)	15,6	18,0	20,1	22,0	23,6	25,1	26,5
		Air outlet temp. (°C-%HR)	15,6-79	16,7-77	17,6-75	18,3-73	19,0-71	19,6-70	20,1-69
	27-50	Power (kW)	12,9	14,9	16,6	18,1	19,5	20,7	21,8
		Air outlet temp. (°C-%HR)	14,1-84	15,0-82	15,7-80	16,3-79	16,9-77	17,3-76	17,7-75
	25-50	Power (kW)	10,8	12,5	13,9	15,2	16,4	17,4	18,4
		Air outlet temp. (°C-%HR)	13,4-83	14,1-81	14,8-80	15,3-78	15,8-77	16,2-76	16,5-75
40	11	Power (kW)	14,4	16,9	19,1	21,1	23,0	24,8	26,4
		Air outlet temp. (°C)	31,7	30,4	29,3	28,4	27,6	26,8	26,2
	15	Power (kW)	12,2	14,3	16,2	18,0	19,6	21,1	22,4
		Air outlet temp. (°C)	32,8	31,7	30,8	30,0	29,3	28,7	28,1

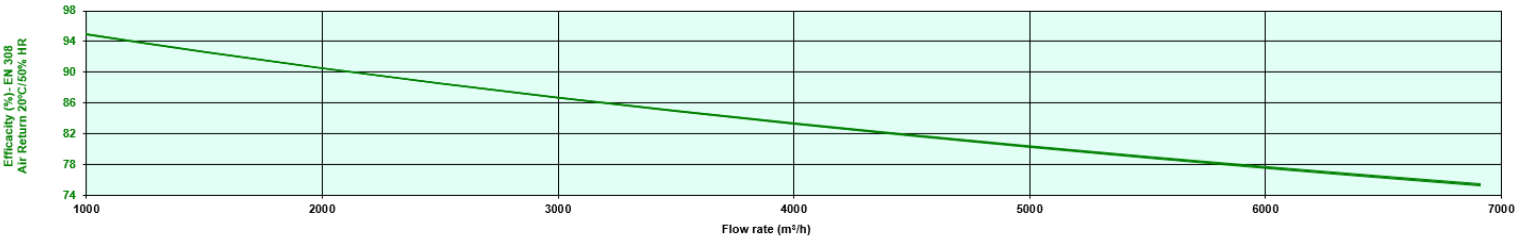
Condensing temperature (°C)

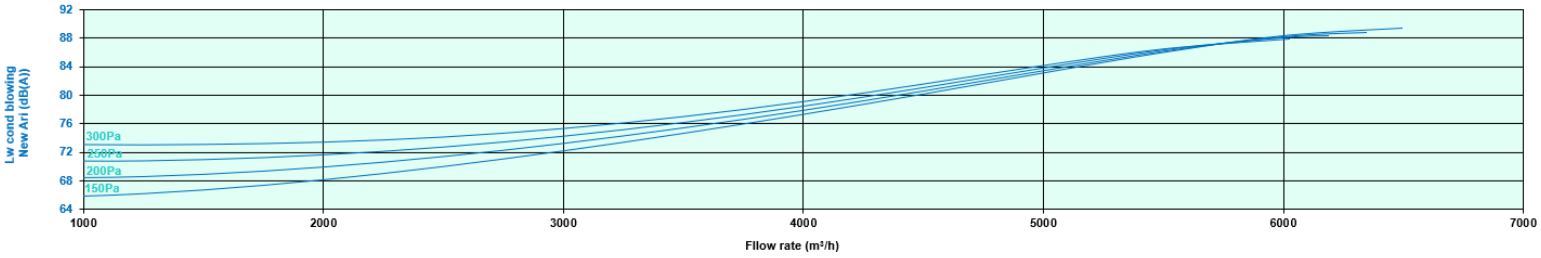
CURVES SELECTION HEXAMOTION®

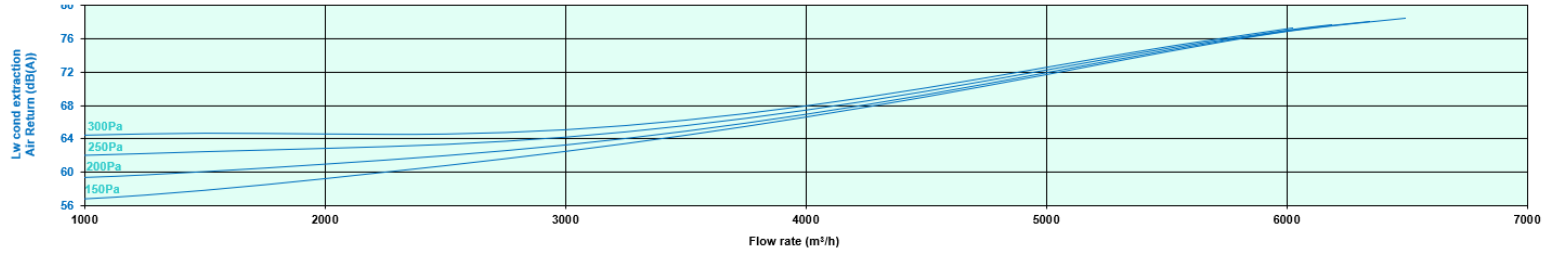
HEXAMOTION® 60

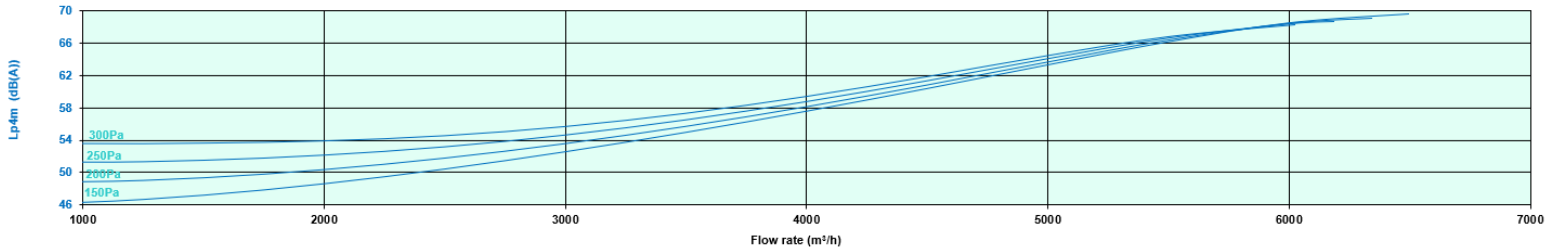












HEXAMOTION® 60 — Changeover Coil - PREMIUM CO

Water temp. (°C/°C)	Air inlet temp. (°C)	Air flow (m³/h)	3000	3500	4000	4500	5000	5500	6000
80/60	11	**Motor (kW)/Air outlet temp. (°C)**	**40,0 / 50,1**	**44,5 / 48,2**	**48,6 / 46,6**	**52,5 / 45,1**	**56,1 / 43,9**	**59,6 / 42,7**	**62,9 / 41,7**
		Water flow (l/h)/DP water (kPa)	1755 / 7,8	1949 / 9,5	2130 / 11,2	2300 / 12,9	2460 / 14,6	2613 / 16,2	2757 / 17,9
	15	**Motor (kW)/Air outlet temp. (°C)**	**37,3 / 51,4**	**41,5 / 49,7**	**45,3 / 48,2**	**48,9 / 46,8**	**52,3 / 45,6**	**55,5 / 44,6**	**58,6 / 43,6**
		Water flow (l/h)/DP water (kPa)	1637 / 6,9	1818 / 8,4	1986 / 9,8	2144 / 11,3	2293 / 12,8	2434 / 14,3	2569 / 15,8
60/50	11	**Motor (kW)/Air outlet temp. (°C)**	**29,8 / 40,0**	**33,1 / 38,7**	**36,2 / 37,5**	**39,1 / 36,5**	**41,9 / 35,5**	**44,5 / 34,7**	**47,0 / 33,9**
		Water flow (l/h)/DP water (kPa)	2588 / 16,7	2879 / 20,3	3150 / 23,9	3404 / 27,6	3646 / 31,3	3874 / 35,0	4091 / 38,7
	15	**Motor (kW)/Air outlet temp. (°C)**	**27,1 / 41,4**	**30,1 / 40,2**	**32,9 / 39,1**	**35,6 / 38,1**	**38,1 / 37,3**	**40,5 / 36,5**	**42,8 / 35,9**
		Water flow (l/h)/DP water (kPa)	2354 / 14,0	2618 / 17,0	2864 / 20,1	3095 / 23,2	3313 / 26,2	3521 / 29,3	3718 / 32,4
45/40	11	**Motor (kW)/Air outlet temp. (°C)**	**21,2 / 31,7**	**23,6 / 30,8**	**25,9 / 29,9**	**54,7 / 29,2**	**30,0 / 28,6**	**31,9 / 28,0**	**33,7 / 27,4**
		Water flow (l/h)/DP water (kPa)	3672 / 32,9	4089 / 40,1	4478 / 47,4	4843 / 54,7	5189 / 62,1	5518 / 69,5	5831 / 77,0
	15	**Motor (kW)/Air outlet temp. (°C)**	**18,5 / 33,1**	**20,6 / 32,3**	**22,6 / 31,5**	**24,4 / 30,9**	**26,2 / 30,3**	**27,8 / 29,8**	**29,4 / 29,3**
		Water flow (l/h)/DP water (kPa)	3207 / 25,7	3570 / 31,3	3909 / 36,9	4227 / 42,6	4528 / 48,4	4814 / 54,1	5086 / 59,9
7/12	32-40	**Motor (kW)/Air outlet temp. (°C-%HR)**	**20,0 / 17,8-77**	**21,9 / 18,4-75**	**23,7 / 19,0-74**	**25,3 / 19,5-73**	**26,8 / 20,0-71**	**28,1 / 20,4-70**	**29,4 / 20,8-70**
		Water flow (l/h)/DP water (kPa)	3436 / 33,3	3768 / 39,5	4069 / 45,4	4346 / 51,2	4601 / 56,9	4839 / 62,4	5062 / 67,8
	27-50	**Motor (kW)/Air outlet temp. (°C-%HR)**	**15,5 / 16,2-82**	**17,0 / 16,7-81**	**18,3 / 17,1-80**	**19,6 / 17,5-79**	**20,7 / 17,9-78**	**21,8 / 18,2-77**	**22,8 / 18,5-76**
		Water flow (l/h)/DP water (kPa)	2664 / 20,9	2919 / 24,7	3150 / 28,4	3362 / 32,0	3559 / 35,5	3741 / 39,0	3913 / 42,3
	25-50	**Motor (kW)/Air outlet temp. (°C-%HR)**	**11,7 / 15,6-82**	**12,8 / 16,0-81**	**13,9 / 16,4-79**	**14,9 / 16,7-78**	**15,8 / 17,0-77**	**16,7 / 17,2-77**	**17,5 / 17,5-76**
		Water flow (l/h)/DP water (kPa)	2015 / 12,6	2209 / 14,9	2395 / 17,2	2565 / 19,5	2716 / 21,7	2874 / 24,0	3009 / 26,1
6/11	32-40	**Motor (kW)/Air outlet temp. (°C-%HR)**	**21,5 / 17,1-77**	**23,6 / 17,8-75**	**25,6 / 18,5-74**	**27,3 / 19,0-73**	**28,9 / 19,5-72**	**30,4 / 19,9-71**	**31,9 / 20,3-70**
		Water flow (l/h)/DP water (kPa)	3704 / 38,4	4065 / 45,6	4394 / 52,5	4695 / 59,3	4974 / 65,9	5233 / 72,4	5476 / 78,7
	27-50	**Motor (kW)/Air outlet temp. (°C-%HR)**	**17,0 / 15,5-82**	**18,7 / 16,1-81**	**20,2 / 16,6-80**	**21,6 / 17,0-79**	**22,8 / 17,4-78**	**24,0 / 17,7-77**	**25,1 / 18,0-76**
		Water flow (l/h)/DP water (kPa)	2929 / 25,0	3213 / 29,6	3471 / 34,1	3707 / 38,5	3926 / 42,8	4130 / 46,9	4321 / 51,0
	25-50	**Motor (kW)/Air outlet temp. (°C-%HR)**	**13,7 / 14,8-82**	**15,0 / 15,3-81**	**16,2 / 15,7-79**	**17,3 / 16,1-78**	**18,3 / 16,4-77**	**19,2 / 16,7-77**	**20,1 / 17,0-76**
		Water flow (l/h)/DP water (kPa)	2353 / 16,8	2579 / 19,8	2784 / 22,8	2972 / 25,7	3146 / 28,5	3308 / 31,2	3459 / 33,9

HEXAMOTION® 60 — Electric coil- PREMIUM BE

Fresh air Air flow (m³/h)	0°C 6000	-5°C 6000	0°C 6000	-5°C 6000	-10°C 6000	-15°C 6000	-20°C 6000
Version	**FIRST-SEASON**		**PREMIUM BE**				
			Heating coil				
Total power kW	-		36				
Temp.°C on output from the unit	15,6	14,5	33,6	32,5	31,4	30,2	29,1

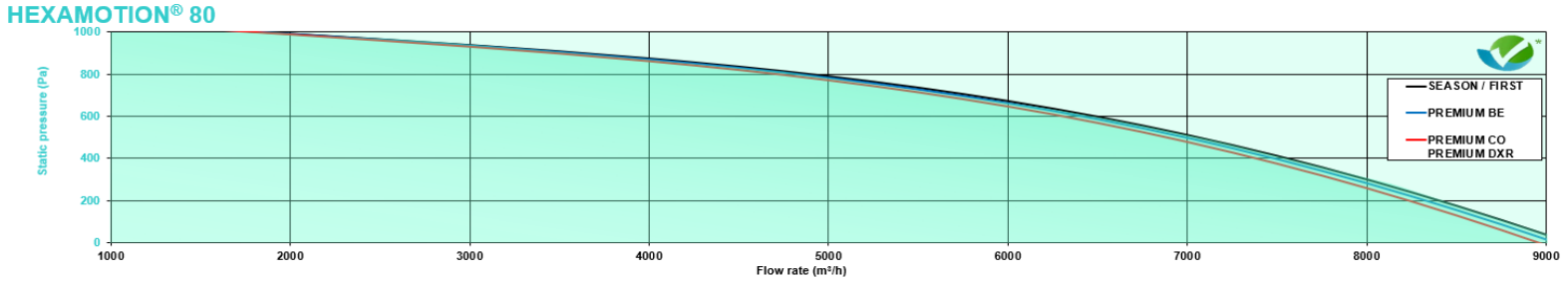
HEXAMOTION® 60 Reversible R410A direct expansion coil - PREMIUM DXR

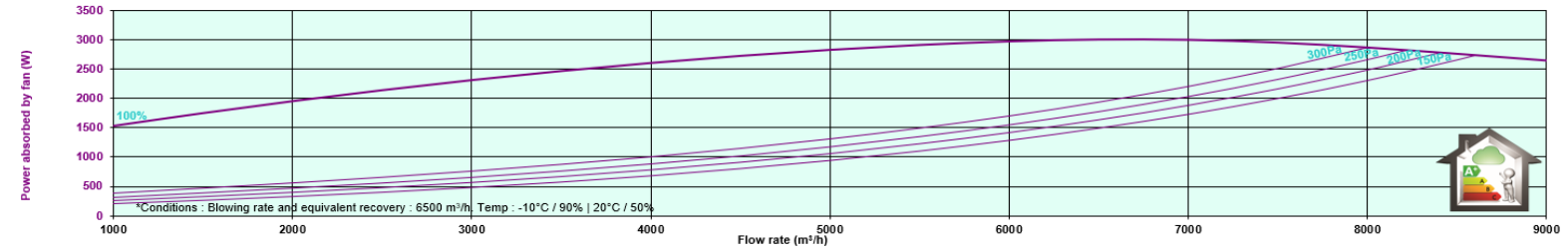
Evap. temp. (°C)	Air inlet temp. (°C-%HR)	Air flow (m³/h)	3000	3500	4000	4500	5000	5500	6000
12	32-40	**Power (kW)**	**14,9**	**16,3**	**17,5**	**18,7**	**19,8**	**20,7**	**21,6**
		Air outlet temp. (°C-%HR)	19,5-76	20,0-75	20,5-73	21,0-72	21,4-71	21,7-70	22,0-69
	27-50	**Power (kW)**	**11,1**	**12,2**	**13,1**	**14,0**	**14,8**	**15,5**	**16,2**
		Air outlet temp. (°C-%HR)	17,8-81	18,2-80	18,6-79	18,9-78	19,2-77	19,5-76	19,7-75
	25-50	**Power (kW)**	**8,4**	**9,1**	**9,8**	**10,6**	**11,3**	**12,0**	**12,6**
		Air outlet temp. (°C-%HR)	16,9-81	17,3-80	17,6-78	17,9-77	18,2-76	18,4-75	18,7-74
7	32-40	**Power (kW)**	**21,6**	**23,7**	**25,6**	**27,3**	**28,8**	**30,3**	**31,6**
		Air outlet temp. (°C-%HR)	16,6-77	17,4-75	18,1-74	18,7-72	19,2-71	19,6-70	20,1-69
	27-50	**Power (kW)**	**17,8**	**19,6**	**21,1**	**22,5**	**23,8**	**25,0**	**26,1**
		Air outlet temp. (°C-%HR)	15,0-82	15,6-80	16,1-79	16,6-78	17,0-77	17,4-76	17,7-76
	25-50	**Power (kW)**	**15,0**	**16,5**	**17,8**	**19,0**	**20,1**	**21,1**	**22,0**
		Air outlet temp. (°C-%HR)	14,1-81	14,7-80	15,1-79	15,5-78	15,9-77	16,2-76	16,5-75
40	11	**Power (kW)**	**20,4**	**22,7**	**24,8**	**26,8**	**28,6**	**30,3**	**32,0**
		Air outlet temp. (°C)	30,5	29,6	28,8	28,1	27,5	26,9	26,3
	15	**Power (kW)**	**17,3**	**19,3**	**21,1**	**22,8**	**24,3**	**25,8**	**27,2**
		Air outlet temp. (°C)	31,9	31,1	30,4	29,8	29,2	28,7	28,2

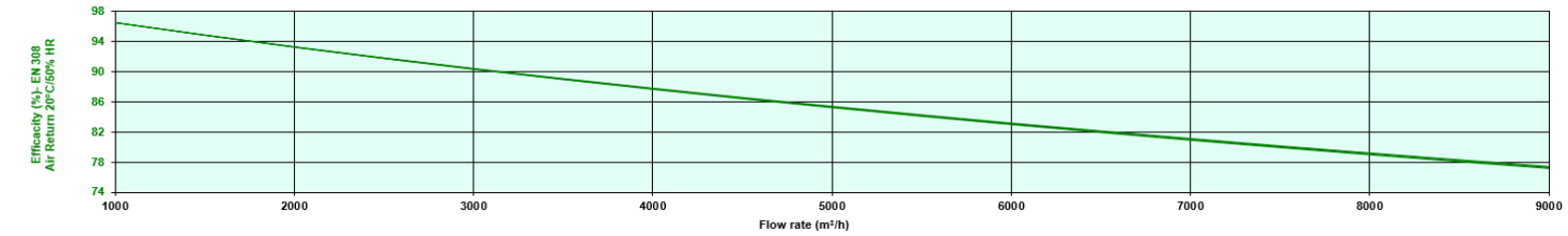
Condensing temperature (°C)

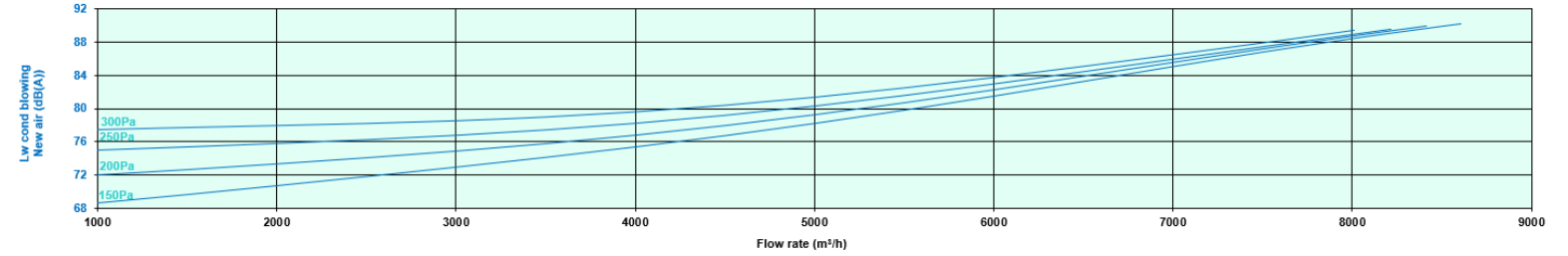
HEXAMOTION® 80

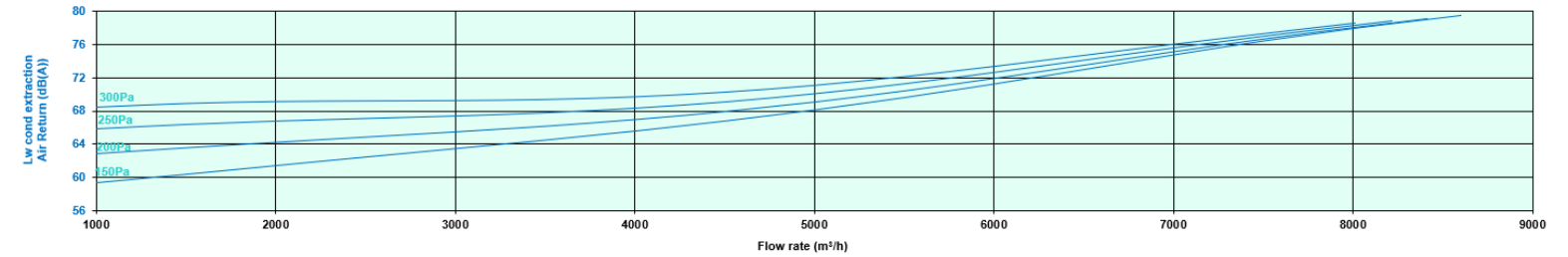
HEXAMOTION® 80

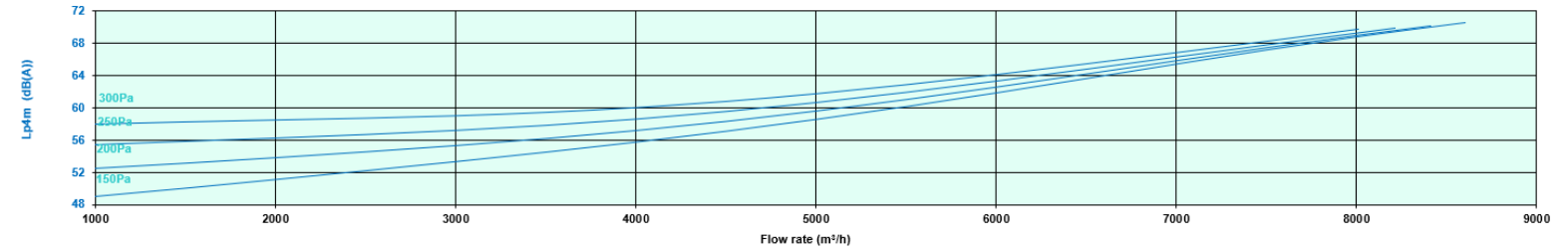












HEXAMOTION® 80 — Changeover Coil - PREMIUM CO

Water temp. (°C/°C)	Air inlet temp. (°C)	Air flow (m³/h)	3000	4000	5000	6000	7000	8000
80/60	11	Motor (kW)/Air outlet temp. (°C)	42,5 / 52,4	52,0 / 49,0	60,3 / 46,3	67,9 / 44,1	74,8 / 42,3	81,2 / 40,7
		Water flow (l/h)/DP water (kPa)	1862 / 3,4	2277 / 5,0	2644 / 6,5	2975 / 8,1	3278 / 9,7	3558 / 11,3
	15	Motor (kW)/Air outlet temp. (°C)	39,6 / 53,6	48,4 / 50,4	56,2 / 47,9	63,2 / 45,8	69,6 / 44,1	75,6 / 42,6
		Water flow (l/h)/DP water (kPa)	1736 / 3,0	2122 / 4,4	2463 / 5,7	2770 / 7,1	3052 / 8,5	3312 / 9,9
60/50	11	Motor (kW)/Air outlet temp. (°C)	31,2 / 41,8	38,7 / 39,3	45,0 / 37,4	50,8 / 35,8	56,0 / 34,4	60,9 / 33,3
		Water flow (l/h)/DP water (kPa)	2745 / 7,3	3367 / 10,6	3917 / 14,0	4415 / 17,5	4872 / 21,0	5295 / 24,5
	15	Motor (kW)/Air outlet temp. (°C)	28,7 / 43,0	35,2 / 40,7	40,9 / 39,0	46,1 / 37,5	50,9 / 36,3	55,3 / 35,2
		Water flow (l/h)/DP water (kPa)	2496 / 6,1	3060 / 8,9	3559 / 11,8	4010 / 14,7	4424 / 17,6	4807 / 20,5
45/40	11	Motor (kW)/Air outlet temp. (°C)	22,5 / 33,0	27,7 / 31,2	32,2 / 29,9	36,4 / 28,7	40,2 / 27,8	43,7 / 18,4
		Water flow (l/h)/DP water (kPa)	3894 / 14,4	4786 / 21,1	5577 / 27,9	6293 / 34,9	6951 / 41,9	7560 / 48,9
	15	Motor (kW)/Air outlet temp. (°C)	19,7 / 34,2	24,1 / 32,7	28,1 / 31,5	31,7 / 30,5	35,0 / 29,6	38,1 / 28,9
		Water flow (l/h)/DP water (kPa)	3400 / 11,2	4176 / 16,4	4864 / 21,7	5486 / 27,1	6058 / 32,5	6588 / 37,9
7/12	32-40	Motor (kW)/Air outlet temp. (°C-%HR)	21,3 /16,9-80	25,5 / 18,2-76	29,0 / 19,1-74	32,1 / 19,9-72	34,8 / 20,6-70	37,2 / 21,1-69
		Water flow (l/h)/DP water (kPa)	3664 / 14,7	4379 / 20,4	4984 / 25,9	5511 / 31,1	5977 / 36,2	6398 / 37,2
	27-50	Motor (kW)/Air outlet temp. (°C-%HR)	16,5 /15,5-84	19,6 / 16,5-82	22,3 / 17,3-80	24,7 / 17,9-78	26,7 / 18,4-77	28,6 / 18,8-76
		Water flow (l/h)/DP water (kPa)	2832 / 9,2	3377 / 12,7	3838 / 16,0	4239 / 19,3	4595 / 22,3	4917 / 25,3
	25-50	Motor (kW)/Air outlet temp. (°C-%HR)	12,4 /15,1-84	14,7 / 15,9-82	16,8 / 16,5-79	18,7 / 17,0-78	20,3 / 17,4-76	21,9 / 17,8-75
		Water flow (l/h)/DP water (kPa)	2127 / 5,5	2531 / 7,5	2896 / 9,6	3214 / 11,6	3483 / 13,4	3771 / 15,5
6/11	32-40	Motor (kW)/Air outlet temp. (°C-%HR)	23,0 /16,3-80	27,5 / 17,6-77	31,4 / 18,6-74	34,7 / 19,4-72	37,7 / 20,1-70	40,3 / 20,7-69
		Water flow (l/h)/DP water (kPa)	3950 / 17,0	4730 / 23,6	5391 / 30,1	5966 / 36,2	6476 / 42,1	6935 / 47,7
	27-50	Motor (kW)/Air outlet temp. (°C-%HR)	18,1 /14,9-84	21,7 / 15,9-82	24,7 / 16,7-80	27,3 / 17,4-78	29,6 / 17,9-77	31,7 / 18,3-76
		Water flow (l/h)/DP water (kPa)	3115 / 11,0	3723 / 15,3	4239 / 19,3	4688 / 23,3	5086 / 27,0	5445 / 30,6
	25-50	Motor (kW)/Air outlet temp. (°C-%HR)	14,5 /14,2-84	17,3 / 15,1-82	19,7 / 15,8-80	21,7 / 16,4-78	23,6 / 16,9-77	25,2 / 17,3-75
		Water flow (l/h)/DP water (kPa)	2495 / 7,3	2975 / 10,1	3382 / 12,8	3736 / 15,4	4051 / 17,8	4335 / 20,2

HEXAMOTION® 80 — Electric coil - PREMIUM BE

Fresh air Air flow (m³/h)	0°C 8000	-5°C 8000	0°C 8000	-5°C 8000	-10°C 8000	-15°C 8000	-20°C 8000
Version	FIRST-SEASON		PREMIUM BE				
			Heating coil				
Total power kW	-		48				
Temp.°C on output from the unit	15,9	14,9	33,9	32,9	31,8	30,7	29,7

HEXAMOTION® 80 — Reversible R410A direct expansion coil - PREMIUM DXR

Evap. temp. (°C)	Air inlet temp. (°C-%HR)	Air flow (m³/h)	3000	4000	5000	6000	7000	8000
12	32-40	Power (kW)	16,2	19,4	22,0	24,2	26,2	28,0
		Air outlet temp. (°C-%HR)	18,6-79	19,7-76	20,5-73	21,2-71	21,7-70	22,2-68
	27-50	Power (kW)	12,2	14,5	16,5	18,1	19,6	21,0
		Air outlet temp. (°C-%HR)	17,1-83	17,9-81	18,6-79	19,1-77	19,5-76	19,8-75
	25-50	Power (kW)	9,2	10,9	12,4	13,8	15,2	16,5
		Air outlet temp. (°C-%HR)	16,4-83	17,0-81	17,6-79	18,1-77	18,4-75	18,8-73
7	32-40	Power (kW)	23,5	28,1	32,0	35,3	38,2	40,8
		Air outlet temp. (°C-%HR)	15,5-80	16,9-76	18,1-74	19,0-72	19,7-70	20,3-69
	27-50	Power (kW)	19,4	23,2	26,4	29,2	31,6	33,7
		Air outlet temp. (°C-%HR)	14,1-84	15,2-81	16,1-79	16,8-78	17,4-76	17,9-75
	25-50	Power (kW)	16,4	19,6	22,3	24,6	26,7	28,5
		Air outlet temp. (°C-%HR)	13,3-84	14,3-81	15,1-79	15,7-77	16,3-76	16,7-75
40	11	Power (kW)	21,8	26,8	31,2	35,1	38,6	41,8
		Air outlet temp. (°C)	31,9	30,3	28,9	27,8	26,9	26,0
	15	Power (kW)	18,5	22,8	26,5	29,8	32,8	35,6
		Air outlet temp. (°C)	33,0	31,6	30,5	29,5	28,7	28,0

Condensing temperature (°C)

OPTIONS TO BE INTEGRATED HEXAMOTION®

• MODULATION FLOW

DEPORTED COMMAND ref. POT VF

Potentiometer only for SEASON (IP54)

PRESENCE DETECTOR ref. 360 TOR SA

ON/OFF or
LS/HS (SEASON incompatible version)

COMFORT WIRED REMOTE CONTROL ref. CDC2V2

OFF/LS/HS 2 fans IP54 Box

COMFORT WIRED REMOTE CONTROL ref. CDC PVGV2

LS/HS 2 fans IP54 Box

COMFORT WIRED REMOTE CONTROL ref. CDC1V2

ON/OFF 2 fans IP54 Box

• INSTALLATION

FLEXIBLE SLEEVE ref. MTS M0

Fire classification: M0
Male diameter (ducting side) / Female (Central side) or rectangular for size 80

• REGULATION

MONOFUNCTION AREA AIR MODULATION ref. SYSTEM TOP

Area air modulation on ALL or FEW. To be associated with LOBBY® (constant pressure) ariflow modulation versions.

MONOFUNCTION AREA AIR MODULATION ref. SYSTEM DIVA

Modulating area air modulation. To be associated with LOBBY® (constant pressure) ariflow modulation versions.

MULTIFUNCTIONS AREA AIR MODULATION ref. WONDEROOM

To be associated with LOBBY® (constant pressure) airflow modulation versions. It handles area air modulation and

• SECURITY AND CONTROL

PRESSOSTAT FOULING ref. DEP

Exhaust air filter (IP54)

MANOMETER WITH LIQUID J ref. MANO

SMOKS ALARM ref. CDAD

Cabinet (IP54)

BOX RELEASE ref. BD

TBTS 24 or 48Vcc
IP67 BOX

• CLIMATIC

THERMOSTAT REVERSER SUMMER/WINTER ref. CHANGEOVER PAD

For FIRST version with an external module from COMBIBOX CONCEPT or for PREMIUM CO version.

DESHUMIDIFICATION MODULE ref CBX

To be duct assembled (cf: Air Treatment chapter). Not compatible with SEASON version

CIRCULAR REGISTER ref RC4A

Frost protection.
Airtightness grade 3 (Ø200 to 630)

ELECTROVALVE ref KEE IP54

PREMIUM CO Versions - Outdoor Installations. Type 10/1.6-3/8" M for HEXAMOTION 05/08/15 Type

HUMIDITY SENSOR PROBE ref HR 010 SG

Signal 0-10V (SEASON incompatible version)

ATMOSPHERE HUMIDITY PROBE ref HR 010 SA

Signal 0-10V (SEASON incompatible version)