

BIOMA MODELS AND PERFORMANCE

MBP - MEDIUM TEMPERATURE R404A						
MODELS	Refrig. Power (kW)		Max Abs Power (kW)	Dimensions (mm)		
	-10°C	0°C	+10°C	H	W	D
Compressor 230V - 1ph - 50Hz - Fan 230V - 1ph - 50Hz						
UP-NEU6212GK	0.83	1.21	0.61	600	982	484
UP-NEU6215GK	1.1	1.57	0.84	600	982	484
UP-NT6222GK	1.32	1.87	1.12	600	982	484
UP-NT6224GK	1.67	2.42	1.23	600	982	484
UP-NT6226GK	1.81	2.62	1.34	600	982	484
UP-NJ9232GK	1.93	2.86	1.56	600	982	484
UP-NTU6238GKV	2.24	3.2	1.52	600	982	484
Compressor 400V - 3ph - 50Hz - Fan 230V - 1ph - 50Hz						
UP-NJ9232GS	2.042	3.045	1.607	600	982	484
UP-NJ9238GS	2.457	3.506	1.939	600	982	484
UP-NJX6250GS	3.256	4.607	2.476	708	1082	490

MBP - MEDIUM TEMPERATURE R134a						
MODELS	Refrig. Power (kW)		Max Abs Power (kW)	Dimensions (mm)		
	-10°C	0°C	+10°C	H	W	D
Compressore 230V - 1ph - 50Hz - Fan 230V - 1ph - 50Hz						
UP-NEU6214Z	0.87	1.33	0.78	600	982	484
UP-NJ6220Z	1.16	1.74	1.17	600	982	484
UP-NJ6226Z	1.48	2.14	1.47	600	982	484
Compressor 400V - 3ph - 50Hz - Fan 230V - 1ph - 50Hz						
UP-NJ6226ZX	1.61	2.26	1.4	600	982	484

LBP - LOW TEMPERATURE R404A						
MODELS	Refrig. Power (kW)		Max Abs Power (kW)	Dimensions (mm)		
	-35°C	-30°C	-10°C	H	W	D
Compressor 230V - 1ph - 50Hz - Fan 230V - 1ph - 50Hz						
UP-NT2180GK	0.49	0.63	0.99	600	982	484
UP-NT2192GK	0.52	0.68	1.06	600	982	484
UP-NT2212GK	0.69	0.90	1.32	600	982	484
Compressor 400V - 3ph - 50Hz - Fan 230V - 1ph - 50Hz						
UP-NJX2219GS	1.02	1.34	1.91	708	1082	490

CONDENSING
UNITS

Families: Bioma | Sliding



More info available on
www.embraco.com



New Silent Units Range BIOMA

Bioma range: product benefits

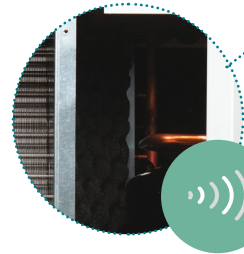


Multi refrigerant platform:
R404A, R452A, R449A, R448A,
R134a, R513A



INNOVATIVE DESIGN

- Hidden fan - Stylish design for a new experience
- Unique airflow management
- Mini channel condenser - 40% less refrigerant charge



PERFORMANCE AND OPTIMIZED SOUND LEVEL

- Robust design to absorb vibration and noise
- Sound level as low as 28dB (A)
- Acoustic jacket on scroll
- Fan speed controller as standard compressors
- 5 faces insulated with acoustic foam



COMPACTNESS

- Optimized dimensions to reduce surface area (<0.6m²)
- 1 fan design for all housing sizes
- Stackability: Unique offer to stack units from different dimensions



ACCESSIBILITY

- 3 door access on hinges - ¼ turn door lock to open/close
- Direct access to components you can set or change
- Direct access to fan and condenser



FLEXIBILITY

- Multi-Refrigerant platform: R404A, R452A, R449A, R448A, R134a, R513A
- Fully equipped electrical box
- Condenser treatment against corrosive environment

HIGH EFFICIENCY RANGE: FROM 0.5 kW TO 10 kW

0,5 kW LBP R404A - R449A - R452A 4 kW

0,7 kW MBP R134a - R513A 6 kW

0,7 kW MBP R404A - R449A - R452A 10 kW

Test conditions: rated point EN13215 MBP-LBP



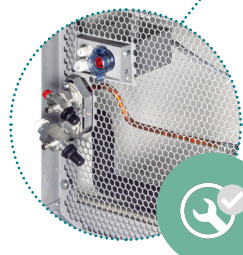
Learn more about it:

New Silent Units Range SLIDING

Sliding units: product benefits



Multi refrigerant platform:
R404A, R452A, R449A, R448A,
R134a, R513A



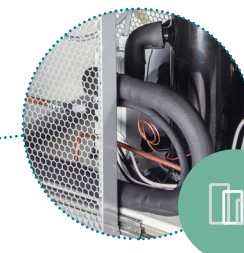
ACCESSIBILITY

- Simple opening with only one central lock
- External rotalock valves for suction and liquid for easier installation
- New electrical box for simplified wiring



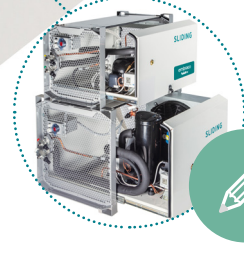
PERFORMANCE

- High efficiency compressor (on-off and scroll)
- Acoustic jacket on scroll compressors
- Fan speed controller (optional)



HOUSING

- Access drawer renewed to all components needing to be set or changed
- Unique condenser air flow (longitudinal)
- Bigger size for more cooling capacity



INNOVATIVE DESIGN

- Can be installed directly on the wall
- Stackable: unique possibility to stack units of different sizes without accessories
- Single fan solution for two sizes

HIGH EFFICIENCY RANGE: FROM 0.5 kW TO 5 kW

0,5 kW LBP R404A - R449A - R452A 3 kW

0,7 kW MBP R134a - R513A 3 kW

0,7 kW MBP R404A - R449A - R452A 5 kW

Test conditions: EN13215, Ranking MBP-LBP

SLIDING MODELS AND PERFORMANCE

MBP - MEDIUM TEMPERATURE | R404A

MODELS	Cooling capacity (W) @+32°C		Max Power input (W)	Dimensions (mm)		
	-10°C	0°C		+10°C	H	W
Compressor 230V - 1ph - 50Hz - Fan 230V - 1ph - 50Hz						
UDNEU6210GK	618	867	549	484	870	464
UDNEU6212GK	717	1039	682	484	870	464
UDNEU6215GK	948	1260	1063	484	870	464
UDNEU6220GK	1055	1524	1115	484	870	464
UDNT6222GK	1184	1841	1288	484	870	464
UDNT6224GK	1403	2175	1465	484	870	464
UDNT6226GK	1512	2267	1734	484	870	464
UDNJ9232GK	1798	2633	1803	484	870	464
UDNTU6238GK	1970	2902	1951	484	870	464
Compressor 400V - 3ph - 50Hz - Fan 230V - 1ph - 50Hz						
UDNJX6250GS	2935	4192	2774	613	870	621

MBP - MEDIUM TEMPERATURE | R134a

MODELS	Cooling capacity (W) @+32°C		Max Power input (W)	Dimensions (mm)		
	-10°C	0°C		+10°C	H	W
Compressor 230V - 1ph - 50Hz - Fan 230V - 1ph - 50Hz						
UDNEU6210Z	625	958	537	484	840	464
UDNEU6212Z	689	1016	691	484	840	464
UDNEU6214Z	794	1171	820	484	840	464
UDNT6215Z	790	1175	726	484	840	464
UDNT6217Z	944	1418	833	484	840	464
UDNJ6220Z	1177	1780	1150	484	840	464
UDNJ6226Z	1464	2132	1458	484	840	464

LBP - LOW TEMPERATURE | R404A

MODELS	Cooling capacity (W) @+32°C		Max Power input (W)	Dimensions (mm)		
	-35°C	-30°C		+10°C	H	W
Compressor 230V - 1ph - 50Hz - Fan 230V - 1ph - 50Hz						
UDNEU2155GK	231	322	649	484	840	464
UDNEU2168GK	294	395	715	484	840	464
UDNEU2180GK	386	483	1006	484	840	464
UDNEU2192GK	443	565	1048	484	840	464
UDNT2212GK	520	661	1359	484	840	464
UDNJ2212GK	588	779	1746	484	840	464
Compressor 400V - 3ph - 50Hz - Fan 230V - 1ph - 50Hz						
UDNJX2219GS	800	1049	2053	611	927	605