

NEW EMBRACO PLATFORM: ROBUSTNESS IN
A SMALLER DESIGN

NEX

More **cooling capacity** for **food retail** and **food service** equipments



EXTENSION OF
NE PLATFORM
FROM 19 UP TO 21CC



+ 24%*
COOLING CAPACITY



UP TO 30%*
LESS WEIGHT



+ 7%*
MORE EFFICIENCY



LOWER NOISE
LEVEL
On the system



+ 10%*
LESS HEIGHT



ROBUSTNESS AND
RELIABILITY

**Comparison with others models in the market and based on internal tests.*



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can do for your business



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embraco
Nidec

APPLICATIONS



ICE
MACHINE



DISPLAY
CABINET



REFRIGERATED
ISLAND



REACH IN

MODELS GENERAL DATA*

MODEL	NOMINAL VOLTAGE [V] / FREQUENCY [Hz]	MOTOR	DISP [cc]	REFR. GAS	ENV. RANGE [°C]	50Hz		60Hz		TEST CONDITION
						COOLING CAP [W]	COP [W/W]	COOLING CAP [W]	COP [W/W]	
NEX4160UA	115-127V 60Hz	CSCR	14.4	R290	-40 to 0°C	-	-	675	1.36	ARILBP
NEX4170UA	115-127V 60Hz	CSCR	16.8	R290	-40 to 0°C	-	-	804	1.36	ARILBP
NEX4180UA	115-127V 60Hz	CSCR	18.7	R290	-40 to 0°C	-	-	895	1.36	ARILBP
NEX2180UA	220-240V 50Hz	CSCR	18.7	R290	-40 to -10°C	935	1.62	-	-	ASHRAELBP32
NEX6222UA	220-240V 50Hz	CSCR	18.7	R290	-20 to +10°C	1317	2.20	-	-	EN12900MBP
NEX6225UA	220-240V 50Hz	CSCR	21.0	R290	-20 to +10°C	1572	2.10	-	-	EN12900MBP
NEU2168GKA	220-240V 50Hz	CSCR	13.5	R404A	-40 to -10°C	758	1.35	-	-	ASHRAELBP32
NEU2180GKA	220-240V 50Hz	CSCR	15.7	R404A	-40 to -10°C	935	1.35	-	-	ASHRAELBP32
NEU2186GKA	220-240V 50Hz	CSCR	16.8	R404A	-40 to -10°C	1000	1.35	-	-	ASHRAELBP32
NEX6221UA	115-127V 60Hz	CSCR	16.8	R290	-20 to +10°C	-	-	1614	1.99	ARIMBP
NEU2168UA	220-240V 50Hz	CSIR	15.7	R290	-40 to -10°C	788	1.53	-	-	ASHRAELBP32
NEU2180UA	220-240V 50Hz	CSIR	18.7	R290	-40 to -10°C	935	1.53	-	-	ASHRAELBP32
NEU6217UA	220-240V 50Hz	CSIR	14.3	R290	-20 to +10°C	1060	1.90	-	-	EN12900MBP
NEX6217UA (TBC)	220-240V 50Hz	CSIR	14.3	R290	-20 to +10°C	1060	2.10	-	-	EN12900MBP
NEU6225UA	220-240V 50Hz	CSIR	21	R290	-20 to +10°C	1572	1.90	-	-	EN12900MBP

CROSS REFERENCE • Voltage 115 - 117 V / Frequency 60 Hz*

COMPANY	EMBRACO	SECOP	EMBRACO	SECOP	EMBRACO	SECOP	EMBRACO	SECOP
Model	NEX4160UA	SCE15CNLX	NEX4170UA	SCE18CNLX	NEX4180UA	SCE21CNLX	NEX6221UA	SCE18CNX
Motor	CSCR	CSCR	CSCR	CSCR	CSCR	CSCR	CSCR	CSCR
Refrigerant	R290	R290	R290	R290	R290	R290	R290	R290
Application	-40 to 0°C	-40 to -5°C	-40 to 0°C	-40 to -5°C	-40 to 0°C	-40 to -5°C	-20 to +10°C	-25 to +7.2°C
Capacity [W] @ 60Hz	675	664	804	786	895	917	1614	1697
Cop [W/W] @60Hz	1,36	1,33	1,36	1,37	1,36	1,35	1,99	2,12
Test Condition	ARI540LBP	ARI540LBP	ARI540LBP	ARI540LBP	ARI540LBP	ARI540LBP	ARI540MBP	ARI540MBP
Disp. [cc]	14,4	15,3	16,8	17,69	18,7	20,95	16,8	17,68
Weight [kg]	11,6	14,2	11,6	14,2	11,6	14,2	11,6	14,2
Embraco Replacement	NEU2155U / NT2160U / NEK2160U		NEU2168U / NT2170U		NEU2178U / NT2180U		NT62220UV / NT6222UV	

CROSS REFERENCE • Voltage 220 - 240 V / Frequency 50 Hz*

COMPANY	EMBRACO	SECOP	EMBRACO	SECOP	EMBRACO	SECOP
Model	NEX2180UA	SCE21CNLX	NEX6222UA	SCE18CNX	NEX6225UA	SCE21MNX
Motor	CSCR	CSCR	CSCR	CSCR	CSCR	CSCR
Refrigerant	R290	R290	R290	R290	R290	R290
Application	-40 to -10°C	-40 to -5°C	-20 to +10°C	-40 to +7.2°C	-20 to +10°C	-25 to +7.2°C
Capacity [W] @ 50Hz	935	954	1317	1348	1572	1572
Cop [W/W] @50Hz	1,62	1,61	2,2	2,26	2,1	2,17
Test Condition	ASHRAELBP32	ASHRAELBP32	EN12900MBP	EN12900MBP	EN12900MBP	EN12900MBP
Disp. [cc]	18,7	20,95	18,7	17,69	21	20,95
Weight [kg]	11,6	14,2	11,6	14,2	11,6	14,2
Embraco Replacement	NEU2178U / NT2180U / NT2180GK		NT6222U / NT6222GK		NT6224U / NT6224GK	

*Preliminary performance demonstrated. Subject to change.