

ROBUSTNESS, COMPACTNESS AND EFFICIENCY

# NJX & NTX line-up

Up to 50% extended cooling capacity for commercial applications

NJX



NTX



**ENHANCED EFFICIENCY**



**EXTENDED COOLING CAPACITY**

up to 50% increase from standard NT and NJ



**LOWER NOISE LEVEL**

Compared to 2 cylinder compressors



**ROBUSTNESS & RELIABILITY**

Optimized engine and new valving system



**PED APPROVALS**

NTX approved for CAT.1 and NJX for CAT.2



**LESS WEIGHT**

15 kg lower than 2 cylinder solution



**COMPACTNESS**

20% less height than 2 cylinder option



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## APPLICATIONS



ICE  
MACHINE



DISPLAY  
CABINET



REFRIGERATED  
ISLAND



REACH IN

## MODELS GENERAL DATA

MODEL	VOLTAGE / FREQUENCY	ELECTRICAL MOTOR	DISPL. [cc]	HP	APPL.	REFR.	COOLING CAP. [W]	COP [W/W]	TEST COND.
NTX2211U	220-240V 50Hz	CSCR	27,8	1 1/4	LBP	R290	747	1,25	EN12900LBP
NTX2213U***	220-240V 50Hz	CSCR	33,4	1 1/2	LBP	R290	919	1,27	EN12900LBP
NTX6233U	220-240V 50Hz	CSCR	27,8	1 1/4	MHBP	R290	2083	2,04	EN12900MBP
NTX6238U***	220-240V 50Hz	CSCR	33,4	1 1/2	MHBP	R290	2475	1,99	EN12900MBP
NJX2215US	400V 50Hz / 440V 60Hz	3 Phase	38	2	LBP	R290	987	1,23	EN12900LBP
NJX6244US	400V 50Hz / 440V 60Hz	3 Phase	38	2	M/HBP	R290	2767	2,06	EN12900MBP
NJX2215U	220-240V 50Hz	1 Phase	38	2	LBP	R290	935	1,23	EN12900LBP
NJX6244U	220-240V 50Hz	1 Phase	38	2	M/HBP	R290	2744	1,99	EN12900MBP
NJX2219GS	400V 50Hz / 440V 60Hz	3 Phase	38	2 1/4	LBP	R404A	1181	1,2	EN12900LBP
						R452A**	1064	1,12	
						R404A	3015	1,97	
NJX6250GS	400V 50Hz / 440V 60Hz	3 Phase	38	2 1/4	M/HBP	R452A**	3198	1,86	EN12900MBP
						R449A	3023	1,97	
						R134a (R513a)	1894	1,96	
NJX6232ZX *	400V 50Hz / 440V 60Hz	3 Phase	38	2	M/HBP	R134a (R513a)	1894	1,96	EN12900MBP
NJX6250GK	208-230V 60Hz	1 phase	38	2	M/HBP	R404A	6751	2,12	ASHRAEHBP46 (7,2°C / 54,4°C)
						R448A	6643	2,32	
						R449A	6581	2,12	

All models are HST with cooling type FAN / \* Project under development. Preliminary performances. Samples: Ready / SOP: July 2020

\*\*Performance checkpoint data R452A measured in MID POINT / \*\*\*Project under development. Preliminary performances (Samples: May 2020 / SOP: Oct'20)

## CROSS REFERENCE

NJX	2 HP		2 HP		2 1/4 HP		2 1/4 HP	
Company	Embraco	Tecumseh	Embraco	Tecumseh	Embraco	Tecumseh	Embraco	Tecumseh
Model	NJX2215U	CAJ2464U	NJX6232ZX*	TAJ4511Y	NJX2219GS	TFH2480Z	NJX6250GS	TFH4524Z
Voltage [V] / Freq. [Hz]	220-240V 50Hz	220-240V 50Hz	400V 50Hz / 440V 60Hz	400V 50Hz / 440V 60Hz	400V 50Hz / 440V 60Hz	400V 50Hz / 440V 60Hz	400V 50Hz / 440V 60Hz	400V 50Hz / 440V 60Hz
Motor	1 Phase	1 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase
Refrigerant	R290	R290	R134a /R513a	R134a/R513a	R404A	R404A	R404A	R404A
Application	LBP	LBP	HBP	HBP	LBP	LBP	HBP	HBP
Capacity [W] @ 50Hz	935	826	3371	2879	1181	874	5536	5679
Cop [W/W] @ 50Hz	1,23	1,15	2,56	2,79	1,2	0,79	2,77	2,54
Capacity [W] @ 60Hz	-	-	-	3296	1397	1005	6329	-
Cop [W/W] @ 60Hz	-	-	-	2,58	1,13	0,76	2,5	-
Displ. [cc]	38	34,45	38	32,7	38	74,25	38	43,5
Weight [kg]	23,8	21	21,7	21	21,7	33	21,7	35

  

NTX	1 1/4 HP		1 1/4 HP		1 1/2 HP	
Company	Embraco	Tecumseh	Embraco	Tecumseh	Embraco	Tecumseh
Model	NTX2211U	CAJ2446U	NTX6233U	CAJ4517Z	NTX2213U*	CAJ2464U
Voltage [V] / Freq. [Hz]	220-240V 50Hz	220-240V 50Hz	220-240V 50Hz	208-220V 50Hz	220-240V 50Hz	220-240V 50Hz
Refrigerant	R290	R290	R290	R404A	R290	R290
Application	LBP	LBP	HBP	HBP	LBP	LBP
Capacity [W]	747	585	3309	3318	919	826
Cop [W/W]	1,25	1,11	2,56	2,23	1,27	1,15
Displ. [cc]	27,8	26,15	27,8	25,9	33,4	34,45
Weight [kg]	17,8	21	17,8	21	-	23

\* All motors in models are CSCR

Test condition: EN12900LBP for the checkpoint temperature of application (EN12900LBP / EN12900MBP / EN12900HBP)