

ROBUSTNESS, COMPACTNESS AND EFFICIENCY

NJX & NTX line-up

Weight reduction and significant COP gain

NJX



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 valves system

NTX



PED APPROVALS

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



COMPACTNESS

15 kg lighter and 20% less height than 2 cylinder solutions



ENVIRONMENTALLY FRIENDLY

Uses R290 natural refrigerant with no impact on the ozone layer (GWP3)



A channel for the refrigeration market:
Join us at: refrigerationclub.com

embraco
Nidec

MAIN APPLICATIONS



ICE
MACHINE



DISPLAY
CABINET



REFRIGERATED
ISLAND



REACH IN



COLD ROOM

TECHNICAL DATA

MODEL	APPLICATION	NOMINAL VOLTAGE [V] / FREQUENCY [Hz]	HP	DISP. [cc]	MOTOR	REFRIG	ENV. RANGE [°C]	TEST CONDITION (rated point)	50Hz		60Hz	
									CAP [W]	COP [W/W]	CAP [W]	COP [W/W]
NTX2211U	LBP	220-240V 50Hz	1 1/4	27,8	CSCR	R290	-40 to -10	ASHRAE LBP	1317	1,54	-	-
NTX2211UV	LBP	208-230V 60Hz	1 1/4	27,8	CSCR	R290	-40 to -10	ASHRAE LBP	-	-	1532	1,57
NTX2213U	LBP	230V 50Hz	1 1/2	33,4	CSCR	R290	-40 to -10	ASHRAE LBP	1583	1,5	-	-
NTX2213UV	LBP	230V 60Hz	1 1/2	33,4	CSCR	R290	-40 to -10	ASHRAE LBP	-	-	1839	1,56
NTX6222UV	MBP	115-127V 60Hz	1	20,44	CSCR	R290	-20 to 10	ARI MBP	-	-	1802	1,99
NTX6225UV	MBP	208-230V 60Hz	1	22,4	CSCR	R290	-20 to 10	ARI MBP	-	-	2000	1,97
NTX6233U	MBP	220-240V 50Hz	1 1/4	27,8	CSCR	R290	-20 to 10	EN12900 MBP	2083	2,04	-	-
NTX6238U	MBP	220-240V 50Hz	1 1/2	33,4	CSCR	R290	-20 to 10	EN12900 MBP	2485	2	-	-
NTX6238UV	MBP	230V 60Hz	1 1/2	33,4	CSCR	R290	-20 to 10	ARI MBP	-	-	3023	1,87
NTX6220GKV	MBP	115-127V 60Hz	3/4	13,44	CSCR	R452A*	-20 to 10	ARI MBP	-	-	1347	1,7
NTX6220GKV	MBP	208-230V 60Hz	3/4	13,44	CSCR	R452A*	-20 to 10	ARI MBP	-	-	1347	1,73
NTX6222GKV	MBP	115-127V 60Hz	3/4	15,54	CSCR	R452A*	-20 to 10	ARI MBP	-	-	1519	1,72
NTX6222GKV	MBP	208-230V 60Hz	3/4	15,54	CSCR	R452A*	-20 to 10	ARI MBP	-	-	1523	1,74

MODEL	APPLICATION	NOMINAL VOLTAGE [V] / FREQUENCY [Hz]	HP	DISP. [cc]	MOTOR	REFRIG	ENV. RANGE [°C]	TEST CONDITION (rated point)	50Hz		60Hz	
									CAP [W]	COP [W/W]	CAP [W]	COP [W/W]
NJX2215U	LBP	220-240V 50Hz	1 3/4	38	CSCR	R290	-40 to -10	ASHRAE LBP	1671	1,54	-	-
NJX2215US	LBP	400V 50Hz / 440V 60 Hz	1 3/4	38	3ph	R290	-40 to -10	ASHRAE LBP	1723	1,53	2011	1,5
NJX6244U	MBP	220-240V 50Hz	1 3/4	38	CSCR	R290	-20 to 10	ASHRAE HBP	5183	2,61	-	-
NJX6244US	MBP	400V 50Hz / 440V 60 Hz	1 3/4	38	3ph	R290	-20 to 10	ASHRAE HBP	5205	2,7	5970	2,48
NJX6232ZX	MBP	"380-420V 50Hz / 440-480V 60Hz"	2	38	3ph	R513A*	-15 to 10	ASHRAE HBP	3757	2,59	4444	2,43
NJX2219GK	LBP	230V 50 Hz	2	38	CSCR	R452A*	-40 to -10	ASHRAE LBP	2069	1,42	-	-
NJX2219GS	LBP	400V 50Hz / 440V 60 Hz	2 1/4	38	3ph	R452A*	-40 to -10	ASHRAE LBP	2202	1,42	2534	1,39
NJX6250GK	MBP	220-240V 50Hz	2	38	CSCR	R452A*	-20 to 10	ASHRAE HBP	5921	2,33	-	-
NJX6250GK	MBP	208-230V 60Hz	2	38	CSCR	R452A*	-20 to 10	ASHRAE HBP	-	-	6751	2,12
NJX6250GS	MBP	400V 50Hz / 440V 60 Hz	2	38	3ph	R452A*	-20 to 10	ASHRAE HBP	6025	2,36	6917	2,17

*Performance tests made with
R404A / R134a. For the use
of alternative refrigerants and
performances variation, please find to
our Position Paper at embraco.com



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