

# FIXED-SPEED COMPRESSORS

## R290 Compressors Models

Equivalent models in HFC refrigerants availables, contact the Embraco team to find out more.

Model	Application	Nominal Voltage [V] / Frequency [Hz]	HP	Disp [cc]	Motor	Refrigerant	Evap. Range [°C]	Test Condition (rated point)	50Hz		60Hz	
									CAP [W]	COP [W/W]	CAP [W]	COP [W/W]
EHU2155U	LBP	220-240V 50Hz	3/4-	12.2	CSIR	R290	-40 to -10	ASHRAE LBP	603	1.52	-	-
EHX2155U	LBP	220-240V 50Hz	3/4-	12.2	CSIR	R290	-40 to -10	ASHRAE LBP	608	1.63	-	-
EHX2155U	LBP	115-127V 60Hz	3/4-	12.2	CSIR	R290	-40 to -10	ASHRAE LBP	-	-	714	1.64
EHU2160U	LBP	220-240V 50Hz	1/2	14.16	CSIR	R290	-40 to -10	ASHRAE LBP	680	1.57	-	-
EHU4160U	LMBP	220-240V 50Hz	2/3	14.16	CSIR	R290	-35 to 5	EN12900 MBP	1050	2	-	-
EHU6212U	MBP	220-240V 50Hz	1/2	10.6	CSIR	R290	-20 to 10	EN12900 MBP	811	2.03	-	-
EHU6214U	MBP	220-240V 50Hz	1/2	12.2	CSIR	R290	-20 to 10	EN12900 MBP	923	2.02	-	-

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									CAP [W]	COP [W/W]	CAP [W]	COP [W/W]
EM2U3111U	L/MBP	220-240V 50/60Hz	1/6	3	RSCR	R290	-35 to 0	ASHRAE LBP	143	1.56	172	1.66
EM2U3111U	L/MBP	115-127V 60Hz	1/6	3	RSCR	R290	-35 to 0	ASHRAE LBP	-	-	175	1.69
EM2U3115U	L/MBP	220-240V 50/60Hz	1/4	4	RSCR	R290	-35 to 0	ASHRAE LBP	201	1.62	239	1.68
EM2U3115U	L/MBP	115-127V 60Hz	1/4	4	RSCR	R290	-35 to 0	ASHRAE LBP	-	-	235	1.65

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									CAP [W]	COP [W/W]	CAP [W]	COP [W/W]
EM2X3113U	L/MBP	220-240 V 50 Hz	1/7+	3.7	RSCR	R290	-35 to 0	ASHRAE LBP	152	1.59	-	-
EMX3117U	L/MBP	220-240 V 50 Hz	1/4	4.5	RSCR	R290	-35 to 5	ASHRAE LBP	198	1.61	-	-
EM2X3121U	L/MBP	115-127V 60Hz	1/3	5.5	RSCR	R290	-40 to 0	ASHRAE LBP	-	-	338	1.74
EM2X3121U	L/MBP	220-240V 50/60Hz	1/3	5.5	RSCR	R290	-40 to 0	ASHRAE LBP	275	1.67	337	1.75
EMX3125U	L/MBP	220-240 V 50 Hz	1/3	6.1	RSCR	R290	-40 to 0	ASHRAE LBP	304	1.7	-	-
EM2X3125U	L/MBP	220-240V 50/60Hz	1/3+	6.1	RSCR	R290	-40 to 0	ASHRAE LBP	306	1.69	378	1.74
EM2X3125U	L/MBP	115-127V 60Hz	1/3	6.1	RSCR	R290	-40 to 0	ASHRAE LBP	-	-	374	1.72
EM2X3134U	L/MBP	115-127V 60Hz	1/2	7.96	RSCR	R290	-35 to 0	ASHRAE LBP	-	-	496	1.71
EM2X3134U	L/MBP	220V 60Hz	1/2	7.96	RSCR	R290	-35 to 0	ASHRAE LBP	-	-	491	1.69
EMX3134U	L/MBP	220-240 V 50 Hz	1/2	8	RSCR	R290	-40 to 0	ASHRAE LBP	406	1.65	-	-
EMX2134U	LBP	220-240V 50Hz	1/2	9	CSIR	R290	-40 to -10	ASHRAE LBP	439	1.55	-	-
EMX3140U	L/MBP	220-240 V 50 Hz	1/2	9.5	RSIR	R290	-40 to 0	ASHRAE LBP	482	1.62	-	-

Model	Application	Nominal Voltage [V] / Frequency [Hz]	HP	Disp [cc]	Motor	Refrigerant	Evap. Range [°C]	Test Condition (rated point)	50Hz		60Hz	
									CAP [W]	COP [W/W]	CAP [W]	COP [W/W]
EMX4115U	L/MBP	115-127 V 60Hz	1/5	4	CSIR	R290	-35 to 0	ASHRAE LBP	-	-	229	1.71
EMX4121U	L/MBP	115-127 V 60Hz	1/4	5.2	CSIR	R290	-35 to 0	ASHRAE LBP	-	-	308	1.72
EMX4125U	L/MBP	115-127 V 60Hz	1/3	5.9	CSIR	R290	-35 to 0	ASHRAE LBP	-	-	355	1.71
EMX4130U	L/MBP	115-127 V 60Hz	1/3+	6.9	CSIR	R290	-35 to 0	ASHRAE LBP	-	-	409	1.66
EMX4134U	L/MBP	115-127 V 60Hz	1/2	8	CSIR	R290	-35 to 0	ASHRAE LBP	-	-	477	1.61
EMX4140U	L/MBP	115-127 V 60Hz	1/2	9.5	CSIR	R290	-35 to 0	ASHRAE LBP	-	-	566	1.58

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									CAP [W]	COP [W/W]	CAP [W]	COP [W/W]
EMC3117U	L/MBP	220-240V 50Hz	1/4	4.5	RSCR	R290	-35 to 0	ASHRAE LBP	197	1.83	-	-
EMC3119U	L/MBP	220-240V 50Hz	1/4	4.5	RSCR	R290	-35 to 0	ASHRAE LBP	236	1.86	-	-
EMC3121U	L/MBP	115-127 V 60Hz	1/4	5.2	RSCR	R290	-35 to 0	ASHRAE LBP	-	-	294	1.77
EMC3121U	L/MBP	220-240 V 50-60 Hz	1/4	5.2	RSCR	R290	-35 to 0	ASHRAE LBP	242	1.65	974	3.37
EMC3121U	L/MBP	220-240V 50Hz	1/4	5.5	RSCR	R290	-35 to 0	ASHRAE LBP	271	1.88	-	-
EMC3125U	L/MBP	115-127 V 60Hz	1/3	5.9	RSCR	R290	-35 to 0	ASHRAE LBP	-	-	345	1.75
EMC3125U	L/MBP	220-240 V 50-60 Hz	1/3	5.9	RSCR	R290	-35 to 0	ASHRAE LBP	278	1.66	348	1.75
EMC3125U	L/MBP	220-240V 50Hz	1/3	6.1	RSCR	R290	-35 to 0	ASHRAE LBP	305	1.86	-	-
EMC3130U	L/MBP	220-240V 50Hz	1/3	6.9	RSCR	R290	-35 to 0	ASHRAE LBP	349	1.84	-	-
EMC3130U	L/MBP	220-240 V 50-60 Hz	1/3	6.9	RSCR	R290	-35 to 0	ASHRAE LBP	338	1.65	418	1.76
EMC3130U	L/MBP	115-127 V 60Hz	1/3	6.9	RSCR	R290	-35 to 0	ASHRAE LBP	-	-	418	1.7
EMC3134U	L/MBP	220-240 V 50-60 Hz	1/3	8	RSCR	R290	-35 to 0	ASHRAE LBP	406	1.75	492	1.81
EMC3134U	L/MBP	220-240V 50Hz	1/3	8	RSCR	R290	-35 to 0	ASHRAE LBP	417	1.85	-	-
EMC3134U	L/MBP	115-127 V 60Hz	1/3	8	RSCR	R290	-35 to 0	ASHRAE LBP	-	-	496	1.81
EMC3140U	L/MBP	220-240V 50Hz	1/2	9	RSCR	R290	-35 to 0	ASHRAE LBP	459	1.77	-	-

EMC3140U	L/MBP	115-127 V 60Hz	1/2	9.5	RSCR	R290	-35 to 0	ASHRAE LBP	-	-	583	1.72
EMC3145U	L/MBP	220-240V 50Hz	1/2	11.1	RSCR	R290	-35 to 0	ASHRAE LBP	559	1.75	-	-
EMC3145U	L/MBP	115-127 V 60Hz	1/2	11.1	RSCR	R290	-35 to 0	ASHRAE LBP	-	-	689	1.76

Model	Application	Nominal Voltage [V] / Frequency [Hz]	HP	Disp [cc]	Motor	Refrigerant	Evap. Range [°C]	Test Condition (rated point)	50Hz		60Hz	
									CAP [W]	COP [W/W]	CAP [W]	COP [W/W]
EMX6144U	MBP	220-240V 50/60Hz	1/5	4.5	CSIR	R290	-20 to 10	ASHRAE HBP	641	2.82	767	2.63
EMX6152U	MBP	220-240V 50/60Hz	1/4	5.2	CSIR	R290	-20 to 10	ASHRAE HBP	712	2.79	841	2.81
EMX6165U	MBP	220-240V 50/60Hz	1/4	6.1	CSIR	R290	-20 to 10	ASHRAE HBP	837	2.72	987	2.62
EMX6181U	MBP	220-240V 50/60Hz	1/3	6.9	CSIR	R290	-20 to 10	ASHRAE HBP	975	2.9	1154	2.84
EMX6210U	MBP	220-240V 50Hz	1/3	9	CSIR	R290	-20 to 10	ASHRAE HBP	1266	2.68	-	-

Model	Application	Nominal Voltage [V] / Frequency [Hz]	Disp [cc]	Motor	Refrigerant	Evap. Range [°C]	Test Condition (rated point)	50Hz		60Hz	
								CAP [W]	COP [W/W]	CAP [W]	COP [W/W]
ELZ1104Y	LBP	220 - 240V / 50Hz	3,0	RSCR	R600a	-40° to -10°C	ASHRAE LBP	50	1,67	-	-
ELY1104Y	LBP	115 - 127V / 60Hz	3,0	RSCR	R600a	-40° to -10°C	ASHRAE LBP	-	-	58	1,57
ELT1104Y	LBP	220 - 240V / 50Hz / 208 - 230V / 60Hz	3,0	RSCR	R600a	-40° to -10°C	ASHRAE LBP	45	1,44	54	1,44
ELX1104Y	LBP	220 - 240V / 50Hz	3,0	RSCR	R600a	-40° to -10°C	ASHRAE LBP	49	1,72	-	-
ELU3104Y	L/MBP	220 - 240V / 50Hz	3,0	RSCR	R600a	-40° to 0°C	ASHRAE LBP	46	1,52	-	-
ELT3104Y	L/MBP	220 - 240V / 50Hz	3,0	RSIR	R600a	-40° to 0°C	ASHRAE LBP	46	1,43	-	-
ELX1105Y	LBP	220 - 240V / 50Hz	3,5	RSCR	R600a	-40° to -10°C	ASHRAE LBP	60	1,76	-	-
ELY3105Y	L/MBP	220 - 240V / 50Hz	3,5	RSCR	R600a	-40° to 0°C	ASHRAE LBP	54	1,58	-	-
ELT3105Y	L/MBP	220 - 240V / 50Hz	3,5	RSIR	R600a	-40° to 0°C	ASHRAE LBP	54	1,46	-	-
ELZ3106Y	L/MBP	220 - 240V / 50Hz	4,0	RSCR	R600a	-40° to 0°C	ASHRAE LBP	67	1,64	-	-
ELU3106Y	L/MBP	220 - 240V / 50Hz	4,0	RSIR	R600a	-40° to 0°C	ASHRAE LBP	67	1,53	-	-
ELZ3107Y	L/MBP	220 - 240V / 50Hz	4,5	RSCR	R600a	-40° to 0°C	ASHRAE LBP	81	1,62	-	-
ELU3107Y	L/MBP	220 - 240V / 50Hz	4,5	RSIR	R600a	-40° to 0°C	ASHRAE LBP	81	1,54	-	-
ELX1108Y	LBP	220 - 240V / 50Hz	5,5	RSCR	R600a	-40° to -10°C	ASHRAE LBP	96	1,72	-	-
ELU3108Y	L/MBP	220 - 240V / 50Hz	5,5	RSCR	R600a	-40° to 0°C	ASHRAE LBP	97	1,55	-	-
ELT3108Y	L/MBP	220 - 240V / 50Hz	5,5	RSIR	R600a	-40° to 0°C	ASHRAE LBP	97	1,47	-	-
ELZ1110Y	LBP	220 - 240V / 50Hz	6,2	RSCR	R600a	-40° to -10°C	ASHRAE LBP	112	1,64	-	-

Model	Application	Nominal Voltage [V] / Frequency [Hz]	HP	Disp [cc]	Motor	Refrigerant	Evap. Range [°C]	Test Condition (rated point)	50Hz		60Hz	
									CAP [W]	COP [W/W]	CAP [W]	COP [W/W]
NEX4160UA	L/MBP	115-127V 60Hz	1/2	14.3	CSCR	R290	-40 to 0	ASHRAE LBP	-	-	850	1,70
NEX4170UA	L/MBP	115-127V 60Hz	1/2	16.8	CSCR	R290	-40 to 0	ASHRAE LBP	-	-	1007	1,65
NEX4170UA	L/MBP	208-230V 60Hz	3/4	16.8	CSCR	R290	-40 to 0	ARI LBP	-	-	789	1,34
NEU2170UA	LBP	220-240V 50Hz	3/4	16.8	CSCR	R290	-40 to -10	ASHRAE LBP	820	1,54	-	-
NEX4180UA	L/MBP	115-127V 60Hz	1	18.7	CSCR	R290	-40 to 0	ASHRAE LBP	-	-	1111	1,63
NEX2180UB	LBP	220-240V 50Hz	1	18.7	CSCR	R290	-40 to -10	ASHRAE LBP	929	1,59	-	-
NEX2190UA	LBP	220-240V 50Hz	1	21	CSCR	R290	-40 to -10	ASHRAE LBP	1032	1,59	-	-
NEX6217UA	MBP	220-240V 50Hz	3/4	14.3	CSIR	R290	-20 to 10	ASHRAE HBP	1944	2,56	-	-
NEX6217UA	MBP	220-240V 50-60Hz	3/4	14.3	CSCR	R290	-20 to 10	ASHRAE HBP	1984	2,89	2401	2,80
NEX6221UA	MBP	115-127V 60Hz	3/4	16.8	CSCR	R290	-20 to 10	ASHRAE HBP	-	-	2814	2,63
NEX6222UA	MBP	220-240V 50Hz	1	18.7	CSCR	R290	-20 to 10	ASHRAE HBP	2617	2,82	-	-
NEX6225UA	MBP	220-240V 50Hz	1	21	CSCR	R290	-20 to 10	ASHRAE HBP	2916	2,68	-	-

Model	Application	Nominal Voltage [V] / Frequency [Hz]	HP	Disp [cc]	Motor	Refrigerant	Evap. 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	20.4	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

Model	Application	Nominal Voltage [V] / Frequency [Hz]	HP	Disp [cc]	Motor	Refrigerant	Evap. 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

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