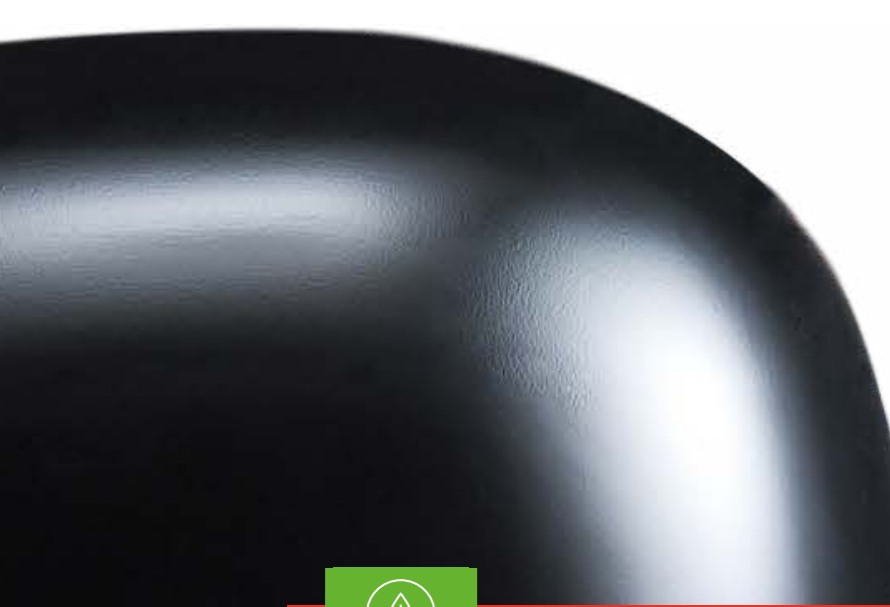


Compressor	Code number	Application	ASHRAE Capacity [W] Tc=54.4°C, Tliq=32.2°C, Tsuc=32.2°C Evaporating temperature [°C]						ASHRAE						Displacement [cm³]	Voltage and frequencies [*dual frequency type with 50/60 Hz]	Compressor cooling [refer to data sheet]		
			LBP rating point -23.3°C / 54.4°C		MBP rating point -6.7°C / 54.4°C		HBP rating point 7.2°C / 54.4°C		Cooling capacity		COP		Cooling capacity					COP	
			-35	-15	-5	0	10	15	[W]	[W/W]	[W]	[W/W]	[W]	[W/W]				[W]	[W/W]
			Cooling capacity		COP		Cooling capacity		COP		Cooling capacity		COP						
PLE35K	101H0360	MBP	-	63	106	133	-	-	38	0.91	88	1.56	-	-	2.50	198-254 V, 50 Hz	S		
TLES4KK.3	102H4438	LBP	23	91	-	-	-	-	57	1.18	-	-	-	-	4.01	198-254 V, 50 Hz	S		
TLES4.8KK.3	102H4579	LBP	34	115	-	-	-	-	74	1.30	-	-	-	-	4.78	198-254 V, 50 Hz	S		
TLES4.8KK.3	102H4596	LBP	34	115	-	-	-	-	74	1.30	-	-	-	-	4.78	198-254 V, 50 Hz	S		
TLES5.7KK.3	102H4694	LBP	45	139	-	-	-	-	91	1.32	-	-	-	-	5.70	198-254 V, 50 Hz	S		
TLES6.5KK.3	102H4783	LBP	55	163	-	-	-	-	108	1.31	-	-	-	-	6.49	198-254 V, 50 Hz	S		
TLES7.5KK.3	102H4838	LBP	64	189	-	-	-	-	125	1.31	-	-	-	-	7.48	198-254 V, 50 Hz	S		
TLES8.7KK.3	102H4939	LBP	75	221	-	-	-	-	147	1.33	-	-	-	-	8.67	198-254 V, 50 Hz	S		
TLES5KTK	102H4536	LBP	34	121	194	240	-	-	77	1.22	162	1.78	-	-	5.08	187-254 V, 50 Hz	S		
TLES6KTK	102H4636	LBP	38	136	-	-	-	-	89	1.23	-	-	-	-	5.70	187-254 V, 50 Hz	S		
TLES10KTK.3	102H4050	LBP	89	249	-	-	-	-	168	1.36	-	-	-	-	10.13	187-254 V, 50 Hz	S		
NLE10KK.4	105H6867	LBP	90	252	-	-	-	-	170	1.51	-	-	-	-	10.09	198-254 V, 50 Hz	S		
NLE11KK.4	105H6952	LBP	100	283	-	-	-	-	190	1.56	-	-	-	-	11.15	198-254 V, 50 Hz	S		
NLE13KK.4	105H6939	LBP	121	334	-	-	-	-	226	1.56	-	-	-	-	13.25	198-254 V, 50 Hz	S		
NLE15KK.4	105H6968	LBP	134	374	-	-	-	-	253	1.53	-	-	-	-	14.65	198-254 V, 50 Hz	S		
NLE9KTK	105H6071	LBP	66	202	-	-	-	-	131	1.33	-	-	-	-	8.35	187-254 V, 50 Hz *	S		
NLE11KTK	105H6948	LBP	88	251	-	-	-	-	168	1.31	-	-	-	-	11.15	187-254 V, 50 Hz *	S		
NLE11KTK.2	105H6173	LBP	102	295	-	-	-	-	198	1.51	-	-	-	-	11.15	187-254 V, 50 Hz	S		
NLE13KTK.2	105H6929	LBP	117	338	-	-	-	-	227	1.52	-	-	-	-	13.25	187-254 V, 50 Hz	S		
NLE15KTK.2	105H6966	LBP	129	383	-	-	-	-	254	1.52	-	-	-	-	14.65	187-254 V, 50 Hz	S		
NLE15MKK	105H6533	MBP	-	375	586	718	-	-	248	1.49	491	1.99	852	2.50	14.65	198-254 V, 50 Hz	S		
NLX10KK.1	105H6104	LBP	82	262	-	-	-	-	172	1.74	-	-	-	-	10.09	198-254 V, 50 Hz	S		
NLX13KK.1	105H6304	LBP	111	337	-	-	-	-	223	1.75	-	-	-	-	13.25	198-254 V, 50 Hz	S		
NLX15KK.2	105H6977	LBP	135	377	-	-	-	-	255	1.87	-	-	-	-	14.65	198-254 V, 50 Hz	S		
NLX15KK.3	105H6506	LBP	132	388	-	-	-	-	254	1.85	-	-	-	-	14.65	198-254 V, 50 Hz	S		
NLU10KK.1	105H6193	LBP	86	267	-	-	-	-	176	1.98	-	-	-	-	10.09	198-254 V, 50 Hz	S		
NLU11KK.1	105H6198	LBP	99	301	-	-	-	-	200	1.97	-	-	-	-	11.15	198-254 V, 50 Hz	S		
NLU13KK.1	105H6372	LBP	114	348	-	-	-	-	230	1.98	-	-	-	-	13.25	198-254 V, 50 Hz	S		

Electrical equipment

Dimensions						LST [RSIR & RSCR] refer to data sheet for more info					Run capacitor (RC)		HST [CSIR & CSR] *alt. cable lengths avail.			LST/HST		
Height [mm]		Connectors location / I.D. [mm]				alt. connectors available	PTC starting device		PTC starting device with RC connector		ePTC	→ optional → compulsory*		Starting relay	Starting capacitor	Starting device*	Cord relief	Cover
A	B	Suction	Process	Dis-charge	Spades		Spades		Spades	Spades		Spades						
		C (I.D.)	D (I.D.)	E (I.D.)	6.3 mm		4.8 mm	6.3 mm	4.8 mm	4.8 mm	6.3 mm	4.8 mm	6.3 mm	6.3 mm	6.3 mm			
137	135	6.2	6.2	5	-	-	-	103N0016	103N0021	-	117-7117 *	117-7119 *	-	-	-	103N1010	103N0491	
163	159	6.2	6.2	5	X	103N0011	103N0018	103N0016	103N0021	103N0050	117-7117	117-7119	-	-	-	103N1010	103N2010	
163	159	6.2	6.2	5	X	103N0011	103N0018	103N0016	103N0021	103N0050	117-7117	117-7119	-	-	-	103N1010	103N2010	
163	159	6.2	4.5	5	X	103N0011	103N0018	103N0016	103N0021	103N0050	117-7117	117-7119	-	-	-	103N1010	103N2010	
163	159	6.2	6.2	5	X	103N0011	103N0018	103N0016	103N0021	103N0050	117-7117	117-7119	-	-	-	103N1010	103N2010	
163	159	6.2	6.2	5	X	103N0011	103N0018	103N0016	103N0021	103N0050	117-7117	117-7119	-	-	-	103N1010	103N2010	
163	159	6.2	6.2	5	X	103N0011	103N0018	103N0016	103N0021	103N0050	117-7131	117-7132	-	-	-	103N1010	103N2010	
163	159	6.2	6.2	5	X	103N0011	103N0018	103N0016	103N0021	103N0050	117-7117	117-7119	-	-	-	103N1010	103N2010	
173	169	6.2	6.2	5	-	103N0011	103N0018	103N0016	103N0021	103N0050	117-7117	117-7119	-	-	-	103N1010	103N2010	
173	169	6.2	6.2	5	-	103N0011	103N0018	103N0016	103N0021	103N0050	117-7117	117-7119	-	-	-	103N1010	103N2010	
173	169	6.2	6.2	5	-	103N0011	103N0018	103N0016	103N0021	103N0050	117-7117	117-7119	-	-	-	103N1010	103N2010	
190	183	6.2	6.2	5	-	103N0011	103N0018	103N0016	103N0021	103N0050	117-7117	117-7119	-	-	-	103N1010	103N2010	
190	183	6.2	6.2	5	-	103N0011	103N0018	103N0016	103N0021	103N0050	117-7117	117-7119	-	-	-	103N1010	103N2010	
190	183	6.2	6.2	5	X	103N0011	103N0018	103N0016	103N0021	103N0050	117-7117	117-7119	-	-	-	103N1010	103N2010	
197	190	6.2	6.2	5	X	103N0011	103N0018	103N0016	103N0021	103N0050	117-7117	117-7119	-	-	-	103N1010	103N2010	
197	190	6.2	6.2	5	X	103N0011	103N0018	103N0016	103N0021	-	117-7117	117-7119	-	-	-	103N1010	103N2010	
197	190	6.2	6.2	5	-	103N0011	103N0018	103N0016	103N0021	-	117-7117	117-7119	-	-	-	103N1010	103N2010	
203	197	6.2	6.2	5	-	103N0011	103N0018	103N0016	103N0021	103N0050	117-7117	117-7119	-	-	-	103N1010	103N2010	
203	197	6.2	6.2	5	-	103N0011	103N0018	103N0016	103N0021	103N0050	117-7117	117-7119	-	-	-	103N1010	103N2010	
203	197	6.2	6.2	5	-	103N0011	103N0018	103N0016	103N0021	103N0050	117-7117	117-7119	-	-	-	103N1010	103N2010	
203	197	6.2	6.2	5	-	-	-	103N0016	103N0021	103N0050	117-7131 *	117-7132 *	-	-	-	103N1010	103N2010	
203	197	6.2	6.2	5	-	-	-	103N0016	103N0021	103N0050	117-7117 *	117-7119 *	-	-	-	103N1010	103N2010	
203	197	8.2	6.2	6.2	X	-	-	103N0016	103N0021	103N0050	117-7117 *	117-7119 *	-	-	-	103N1010	103N2010	
203	197	6.2	6.2	5	-	-	-	-	103N0021	103N0050	-	117-7140 *	-	-	-	103N1010	103N2010	
203	197	6.2	6.2	5	X	-	-	-	103N0021	103N0055	-	117-7139 *	-	-	-	103N1010	103N2010	
203	197	6.2	6.2	5	X	-	-	-	103N0021	103N0055	-	117-7139 *	-	-	-	103N1010	103N2010	
203	197	6.2	6.2	5	-	-	-	-	103N0021	103N0055	117-7131 *	117-7132 *	-	-	-	103N1010	103N2010	



K-Series AA · R600a · 220–240 V · 50 Hz

Compressor	Code number	Application	ASHRAE Capacity [W] Tc=54.4°C, Tliq=32.2°C, Tsuc=32.2°C Evaporating temperature [°C]						ASHRAE						Displacement [cm³]	Voltage and frequencies [*dual frequency type with 50/60 Hz]	Compressor cooling cooling (refer to data sheet)		
			LBP rating point -23.3°C / 54.4°C		MBP rating point -6.7°C / 54.4°C		HBP rating point 7.2°C / 54.4°C		Cooling capacity		COP		Cooling capacity					COP	
			-35	-15	-5	0	10	15	[W]	[W/W]	[W]	[W/W]	[W]	[W/W]				[W]	[W/W]
HKK55AA	CD000039	LBP	39	145	224	-	-	-	93	1.71	188	2.29	-	-	5.60	187-264 V, 50 Hz	S		
HKK70AA	CD000040	LBP	54	180	276	-	-	-	117	1.74	233	2.26	-	-	6.60	187-264 V, 50 Hz	S		
HKK80AA	CD000041	LBP	67	207	316	-	-	-	136	1.77	266	2.29	-	-	8.10	187-264 V, 50 Hz	S		
HKK95AA	CD000042	LBP	84	251	376	-	-	-	168	1.80	318	2.28	-	-	9.60	187-264 V, 50 Hz	S		
HKK12AA	CD000043	LBP	100	291	428	-	-	-	199	1.80	363	2.25	-	-	11.20	187-264 V, 50 Hz	S		
HMK80AA	CD000165	LBP	67	206	314	-	-	-	136	1.50	265	1.99	-	-	8.10	187-264 V, 50 Hz	S		
HMK95AA	CD000164	LBP	81	252	381	-	-	-	167	1.53	322	2.01	-	-	9.60	187-264 V, 50 Hz	S		
HMK12AA	CD000163	LBP	99	291	425	-	-	-	198	1.53	361	1.93	-	-	11.20	187-264 V, 50 Hz	S		
HTK55AA	CD000034	LBP	39	146	225	-	-	-	93	1.55	190	2.12	-	-	5.60	187-264 V, 50 Hz	S		
HTK70AA	CD000035	LBP	53	181	267	-	-	-	117	1.61	227	2.29	-	-	6.60	187-264 V, 50 Hz	S		
HTK80AA	CD000036	LBP	67	207	316	-	-	-	136	1.61	266	2.19	-	-	8.10	187-264 V, 50 Hz	S		
HTK95AA	CD000037	LBP	86	251	382	-	-	-	167	1.64	322	2.14	-	-	9.60	187-264 V, 50 Hz	S		
HTK12AA	CD000038	LBP	99	290	426	-	-	-	198	1.64	361	2.06	-	-	11.20	187-264 V, 50 Hz	S		
HXK55AA	CD000045	LBP	44	148	224	-	-	-	97	1.83	189	2.32	-	-	5.60	187-264 V, 50 Hz	S		
HXK70AA	CD000110	LBP	57	181	277	-	-	-	118	1.86	233	2.35	-	-	6.64	187-264 V, 50 Hz	S		
HXK80AA	CD000096	LBP	71	210	316	-	-	-	140	1.90	267	2.38	-	-	8.10	187-264 V, 50 Hz	S		
HXK87AA	CD000103	LBP	79	230	349	-	-	-	154	1.90	294	2.52	-	-	8.80	187-264 V, 50 Hz	S		
HXK95AA	CD000085	LBP	89	254	380	-	-	-	171	1.91	321	2.39	-	-	9.60	187-264 V, 50 Hz	S		
HXK12AA	CD000095	LBP	100	295	434	-	-	-	200	1.90	368	2.37	-	-	11.10	187-264 V, 50 Hz	S		
HZK80AA	CD000094	LBP	71	210	316	-	-	-	140	1.97	267	2.48	-	-	8.10	187-264 V, 50 Hz	S		
HZK95AA	CD000078	LBP	85	254	376	-	-	-	171	1.99	319	2.54	-	-	9.60	187-264 V, 50 Hz	S		
HZK12AA	CD000077	LBP	102	293	430	-	-	-	200	1.98	365	2.50	-	-	11.10	187-264 V, 50 Hz	S		

Electrical equipment · Spare parts · Accessories

Dimensions						Run capacitor	Terminal board	Terminal board	Cable clamp	Cover	Evaporation tray	All-in-one equipment	
Height [mm]		Connectors location [mm]			alt. connectors available	→ optional → compulsory*	→ PTC → external protector	→ ePTC → external protector	screws not included	V0 material optional	plastic	→ cover → cable clamp + screws → earthing screw	
A	B	Suction C (I.D.)	Process D (O.D.)	Dis-charge E (I.D.)									Spades
		4.8 6.3 mm	4.8 mm	6.3 mm		4.8 mm							
159	-	6.15	6.00	5.15	X	2.5 µF *	ZHFF	DHFF	-	113410_	157595_	162991_	161680_
159	-	6.15	6.00	5.15	X	3 µF *	ZHF6	DHF6	-	113410_	157595_	162991_	161680_
159	-	6.15	6.00	5.15	X	3 µF *	ZHF4	DHF4	-	113410_	157595_	162991_	161680_
167	-	6.15	6.00	5.15	X	4 µF *	ZAF6	DAF6	-	113410_	157595_	162991_	161680_
167	-	6.15	6.00	5.15	X	4 µF *	ZAFP	DAFP	-	113410_	157595_	162991_	161680_
159	-	6.15	6.00	5.15	X	-	ZAF5	DAF5	-	113410_	157595_	162991_	161680_
159	-	6.15	6.00	5.15	X	-	ZAF5	DAF5	-	113410_	157595_	162991_	161680_
167	-	6.15	6.00	5.15	X	-	ZAFP	DAFP	-	113410_	157595_	162991_	161680_
159	-	6.15	6.00	5.15	X	2 µF	ZHF0	DHF0	-	113410_	157595_	162991_	161680_
159	-	6.15	6.00	5.15	X	3 µF	ZAF7	DAF7	-	113410_	157595_	162991_	161680_
159	-	6.15	6.00	5.15	X	3 µF	ZAF6	DAF6	-	113410_	157595_	162991_	161680_
167	-	6.15	6.00	5.15	X	4 µF	ZAF6	DAF6	-	113410_	157595_	162991_	161680_
167	-	6.15	6.00	5.15	X	3 µF *	ZAF6	DAF6	ZXF6	113410_	157595_	162991_	161680_
167	-	6.15	6.00	5.15	X	3 µF *	ZAF4	DAF4	ZXF4	113410_	157595_	162991_	161680_
167	-	6.15	6.00	5.15	X	4 µF *	ZAF5	DAF5	ZXF5	113410_	157595_	162991_	161680_
167	-	6.15	6.00	5.15	X	4 µF *	ZAF5	DAF5	ZXF5	113410_	157595_	162991_	161680_
167	-	6.15	6.00	5.15	X	4 µF *	ZAFP	DAFP	ZXFP	113410_	157595_	162991_	161680_
167	-	6.15	6.00	5.15	X	3 µF *	-	-	ZXF4	113410_	157595_	162991_	161680_
170	-	6.15	6.00	5.15	X	4 µF *	-	-	ZXF5	113410_	157595_	162991_	161680_
170	-	6.15	6.00	5.15	X	4 µF *	-	-	ZXFP	113410_	157595_	162991_	161680_

K-Series AT · R600a · 200–240 V · 50/60 Hz

Compressor	Code number	Application	ASHRAE Capacity [W] Tc=54.4°C, Tliq=32.2°C, Tsuc=32.2°C Evaporating temperature [°C]						ASHRAE						Displacement [cm³]	Voltage and frequencies [*dual frequency type with 50/60 Hz]	Compressor cooling cooling (refer to data sheet)		
			LBP rating point -23.3°C / 54.4°C		MBP rating point -6.7°C / 54.4°C		HBP rating point 7.2°C / 54.4°C		Cooling capacity		COP		Cooling capacity					COP	
			-35	-15	-5	0	10	15	[W]	[W/W]	[W]	[W/W]	[W]	[W/W]				[W]	[W/W]
HXK70AT	CD000124	LBP	60	178	-	-	-	119	1.72	-	-	-	-	6.64	170-264 V, 50 Hz	S			
HXK80AT	CD000135	LBP	70	208	-	-	-	140	1.75	-	-	-	-	8.10	170-264 V, 50 Hz *	S			
HXK87AT	CD000136	LBP	89	229	-	-	-	154	1.75	-	-	-	-	8.80	170-264 V, 50 Hz *	S			
HXK95AT	CD000137	LBP	76	254	-	-	-	174	1.75	-	-	-	-	9.60	170-264 V, 50 Hz *	S			
HXK12AT	CD000219	LBP	115	295	-	-	-	198	1.73	-	-	-	-	11.12	170-264 V, 50 Hz *	S			
HXK13AT	CD000222	LBP	131	335	-	-	-	226	1.65	-	-	-	-	12.50	170-264 V, 50 Hz *	S			

Electrical equipment · Spare parts · Accessories

Dimensions						Run capacitor	Terminal board	Terminal board	Cable clamp	Cover	Evaporation tray	All-in-one equipment	
Height [mm]		Connectors location [mm]			alt. connectors available	→ optional → compulsory*	→ PTC → external protector	→ ePTC → external protector	screws not included	V0 material optional	plastic	→ cover → cable clamp + screws → earthing screw	
A	B	Suction C (I.D.)	Process D (O.D.)	Dis-charge E (I.D.)									Spades
		4.8 6.3 mm	4.8 mm	6.3 mm		4.8 mm							
167	-	6.15	6.00	5.15	X	4 µF	ZAF5	DAF5	-	113410_	157595_	162991_	161680_
167	-	6.15	6.00	5.15	X	4 µF	ZCF5	DCF5	-	113410_	157595_	162991_	161680_
167	-	6.15	6.00	5.15	X	4 µF	ZCF6	DCF6	-	113410_	157595_	162991_	161680_
167	-	6.15	6.00	5.15	X	4 µF	ZCFP	DCFP	-	113410_	157595_	162991_	161680_
167	-	6.15	6.00	5.15	X	4 µF	ZCF9	DCF9	-	113410_	157595_	162991_	161680_
167	-	6.15	6.00	5.15	X	4 µF	ZCF9	DCF9	-	113410_	157595_	162991_	161680_

