



**PISTON**



VOL-TAGE CODE	Cooling capacity (Watts) EN13215 Return suction gas 20 °C										EN13215 Super heating 10K		Sound pressure 10 m	Sound pressure 5 m
	FZ TZ K	Ambient temperature	-20 °C	-15 °C	-10 °C	-5 °C	0 °C	5 °C	10 °C	15 °C	Cool. cap. (W) -10 °C	Power input (W)	Acoustic* [dB(A)]	
<b>SILAG4546Z</b>	<b>TZ/KZ</b>	25	4501	5714	7063	8522	10060	11642	13228	14778	6350	3094		
		32	3757	4875	6108	7434	8826	10257	11692	13101	5431	3082	37	43
		43	2629	3599	4649	5765	6932	8130	9338	10544	4038	3063		
<b>SILAG4553Z</b>	<b>TZ/KZ</b>	25	5060	6386	7855	9437	11100	12804	14511	16180	7071	3449		
		32	4270	5498	6839	8271	9768	11299	12831	14333	6092	3462	37	43
		43	3019	4107	5261	6471	7720	8990	10262	11526	4590	3482		
<b>SILAG4561Z</b>	<b>TZ/KZ</b>	25	5829	7268	8854	10555	12335	14153	15965	17727	7939	3904		
		32	4989	6329	7783	9328	10934	12568	14194	15778	6900	3927	37	43
		43	3630	4837	6106	7424	8773	10134	11487	12821	5288	3962		
<b>SILAG4568Z</b>	<b>TZ/KZ</b>	25	6995	8597	10370	12287	14317	16425	18574	20728	9318	4230		
		32	6062	7580	9236	11011	12879	14814	16786	18770	8207	4320	37	43
		43	4590	5972	7442	8992	10608	12278	13988	15741	6463	4461		
<b>SILAG4573Z</b>	<b>TZ/KZ</b>	25	7581	9302	11201	13243	15388	17592	19807	21983	10048	4740		
		32	6646	8244	9982	11834	13768	15748	17735	19691	8853	4802	37	43
		43	5119	6518	8002	9558	11166	12804	14451	16097	6933	4900		
<b>SILAGD4590Z</b>	<b>TZ/KZ</b>	25	8682	11106	13812	16755	19883	23134	26441	29733	12386	6100		
		32	7223	9425	11849	14458	17205	20036	22892	25716	10501	6087	44	50
		43	5023	6877	8863	10954	13113	15302	17486	19654	7663	6068		
<b>SILAGD4610Z</b>	<b>TZ/KZ</b>	25	9588	12170	15007	18039	21197	24400	27559	30588	13413	6955		
		32	8178	10568	13156	15890	18710	21545	24321	26967	11635	6923	44	50
		43	5947	8063	10283	12571	14883	17169	19382	21501	8903	6873		
<b>SILAGD4612Z</b>	<b>TZ/KZ</b>	25	10739	13341	16154	19110	22135	25152	28083	30863	14382	7770		
		32	9142	11529	14057	16664	19285	21855	24311	26616	12362	7799	44	50
		43	6546	8639	10759	12858	14892	16820	18636	20358	9221	7846		
<b>SILAGD4614Z</b>	<b>TZ/KZ</b>	25	12925	15632	18572	21685	24914	28215	31560	34948	16492	8647		
		32	11017	13536	16220	19019	21894	24819	27790	30857	14209	8780	44	50
		43	8018	10237	12517	14835	17182	19580	22118	24412	10648	8989		
<b>SILAGD4615Z</b>	<b>TZ/KZ</b>	25	13718	16609	19702	22922	26196	29459	32654	35758	17466	9583		
		32	11977	14572	17282	20037	22773	25435	27992	30469	15123	9658	44	50
		43	9192	11323	13434	15469	17388	19179	20905	21654	11436	9778		

**Preliminary data.**

\* Sound level at maximum speed ventilation  
 \*\* In: nominal current - Im: maximal current

Sound power	Technical data				FZ Voltage code			TZ Voltage code			KZ Voltage code			Weight	
	Air flow (m³/h)	Liquid receiver volume (L)	For tubing O.D.		220V - 240V 50 Hz 1~			400V 50 Hz / 440V 60 Hz 3~			220V 50 Hz / 220V 60 Hz 3~			Gross (kg)	Net (kg)
			Suction	Liquid line	Power input (W)	In (A)**	Im (A)	Power input (W)	In (A)	Im (A)	Power input (W)	In (A)	Im (A)		
68	5400	6	7/8	5/8	-	-	-	4467	8,5	12,5	4297	14,8	24,2	143	128
68	5400	6	7/8	5/8	-	-	-	4994	9,1	14,5	4802	16,1	28,4	149	134
68	5400	6	1 1/8	5/8	-	-	-	5771	9,7	15,1	5544	18,7	30,9	149	134
68	5400	6	1 1/8	5/8	-	-	-	6289	10,8	16,3	6323	21,5	36,6	153	138
68	5400	6	1 1/8	5/8	-	-	-	7072	12,5	19,1	7985	23,9	33,1	154	139
75	6600	9,5	1 1/8	5/8	-	-	-	8936	15,3	26,2	8556	30,8	46,6	301	274
75	6600	9,5	1 1/8	5/8	-	-	-	10251	17	29,2	9900	33,8	54,8	302	275
75	6600	11,5	1 3/8	7/8	-	-	-	11661	18,1	30,4	11206	36,8	59,8	304	277
75	6600	11,5	1 3/8	7/8	-	-	-	13145	20,6	32,8	12626	44,2	71,2	307	280
75	6600	11,5	1 3/8	7/8	-	-	-	14528	23,7	38,4	14044	48,8	64,2	307	280

Old letter code	New letter code	Designation
F	<b>FZ</b>	220-240V-50Hz
/	<b>XC</b>	220-240V-50Hz
K	<b>KZ</b>	220V 3-50Hz 220V 3-60Hz
T	<b>TZ</b>	400V 3-50Hz 440V 3-60Hz
/	<b>XG</b>	380-420V 3-50Hz 460V 3-60Hz

Cooling capacity according EN 13215 conditions: suction gas 20 °C, sub cooling 3K, Ambient T° 32 °C.

Cooling performances are listed for single phase groups.

For three-phase groups in some cases they may be different.

Presentation of acoustic values of maximum fan speed in a straight line and according EN 13215.

In a constant effort to reconcile reported and actual acoustic values,

Tecumseh Europe meets the acoustic standard EN ISO 3743-1.

Silensys® is designed to operate in high ambient temperatures (Ambient T° 46 °C).