

- 4** Centre Baffle
- 5** Centre Plate
- 6** Inlet Header
- 7** Outlet Header
- 8** Control Box Optional
- 9** Header Cover



## Nomenclature

**R F - P A 2 04 T 2 H - 080 N 06 D**


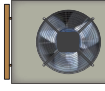
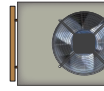
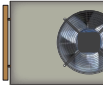
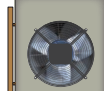


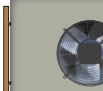
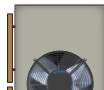
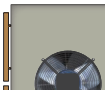
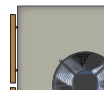
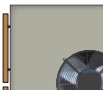
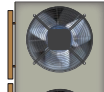

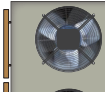

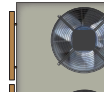

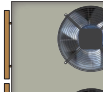

- Product series:** R = Refrigerant, N = NH3 (St/St tubes)
- Unit form:** F = Flatbed
- Module width:** M = Narrow, N = Medium, P = Wide
- Module length:** A = 1200mm, B = 1500mm, C = 1800mm, D = 2100mm
- Fan rows:** 1 or 2
- Fans per row:** 1 - 10
- Fin type:** L = 3/8" (9.5mm) tube, T = 12mm tube
- Coil rows:** 2, 3, 4
- Orientation:** H = Horizontal, V = Vertical
- Fan Diameter:** 080 = 800mm, 090 = 900mm, 091 = 910mm
- Fan type:** N = AC Normal, E = ebm EC, H = AC High power, P = Ziehl EC
- Speed options:** 6, 8, 12, EC
- Motor wiring:** Delta, Star

**Capacities: R404A & R507A: 24 kW - 1409 kW NH3 (NF): 11 kW - 1330 kW**

# Goedhart® KOAL-S RF, L - Fin - 910mm 6 Pole, H Fan Type

\* Capacity quoted at 15 K DT1 Dew Point, \*\* Sound level quoted as mean pressure level at 10m according to EN13487






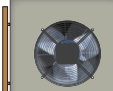
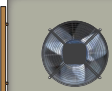
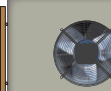

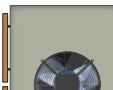
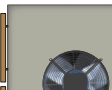
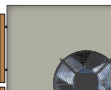
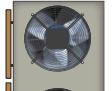

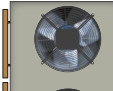





Model	Capacity R404A & R507A *		Air Volume		Sound Pressure Mean **		Sound Power		Power Input		Energy rating		Total Surface area	Internal Volume	R404A Charge
	Δ kW	Y kW	Δ m³/h	Y m³/h	Δ dB(A)	Y dB(A)	Δ dB(A)	Y dB(A)	Δ W	Y W	Δ	Y	m²	dm³	kg
RF-MC101L4	94.8	81.9	23641	18563	57	52	89	82	2540	1790	D	C	151	25	8
RF-NB101L4	107.3	92.5	25237	19928	58	51	88	83	2500	1760	D	C	175	30	10
RF-PA101L4	115.7	100.2	26292	21028	58	52	89	82	2460	1750	C	C	201	36	12
RF-PB201L4	169.5	144.8	42436	32802	61	55	92	86	5130	3600	D	D	251	43	14
RF-MC102L4	190.1	164.2	47282	37127	60	54	92	85	5080	3590	D	C	301	48	16
RF-NB102L4	215.2	185.3	50474	39856	60	54	91	86	4990	3520	D	C	350	58	19
RF-PB102L3	225.4	199.8	56893	46369	61	55	93	87	4780	3500	C	C	377	60	20
RF-PA102L4	232.3	200.8	52584	42056	61	54	92	85	4920	3490	C	C	402	64	21
RF-NA103L3	236.6	210.0	73273	57725	62	56	94	88	7560	5340	D	D	315	53	17
RF-PC102L3	246.4	217.6	58536	47736	61	55	93	87	4770	3500	C	C	452	71	23
RF-PD102L3	263.2	232.8	59203	48726	61	55	93	87	4770	3510	C	C	527	81	26
RF-PC102L4	282.1	241.7	57276	46287	61	55	93	87	4780	3500	C	C	603	92	30
RF-NB103L4	323.1	278.1	75710	59784	62	56	94	88	7490	5290	D	C	526	84	27
RF-PA103L4	348.8	301.5	78876	63084	62	56	93	88	7380	5240	C	C	603	96	31
RF-PC103L3	370.0	326.7	87804	71604	63	57	95	89	7160	5250	C	C	678	106	34
RF-PC202L4	389.9	336.0	94565	74254	63	57	95	88	10160	7180	D	C	603	96	31
<b>RF-PB103L4</b>	<b>390.5</b>	<b>335.4</b>	<b>83046</b>	<b>66710</b>	<b>63</b>	<b>56</b>	<b>95</b>	<b>88</b>	<b>7230</b>	<b>5240</b>	<b>C</b>	<b>C</b>	<b>753</b>	<b>117</b>	<b>38</b>
RF-NC105L2	393.3	355.9	143247	117986	64	58	97	91	11950	8750	D	D	526	83	27
RF-PD103L3	395.1	349.4	88805	73088	62	56	95	89	7160	5260	C	C	791	122	39
RF-PA104L4	465.3	402.2	105168	84112	63	57	95	88	9840	6980	C	C	804	124	40
RF-MB107L3	508.3	451.4	162773	127435	65	59	97	92	17860	12600	E	D	659	97	31
RF-MD105L4	524.5	454.4	126357	99779	63	57	95	90	12480	8810	D	C	879	129	42
RF-MA108L4	548.1	472.8	144183	111702	68	62	99	93	20460	14000	E	D	804	118	38
RF-PA105L4	581.9	502.8	131459	105140	64	58	96	89	12300	8730	C	C	1005	154	50
RF-ND105L4	643.1	553.6	137780	110588	64	58	97	91	12080	8740	C	C	1226	180	58
RF-PD105L3	659.0	582.5	148008	121814	64	58	97	91	11930	8760	C	C	1318	197	64
RF-PB106L3	677.6	600.2	170680	139105	65	59	98	92	14350	10500	C	C	1130	171	55
RF-PA106L4	698.4	603.5	157751	126168	65	59	96	91	14760	10470	C	C	1205	182	59
RF-PC105L4	706.0	604.7	143190	115716	64	58	97	91	11950	8750	C	C	1507	223	72
RF-PD105L4	744.4	658.5	145082	118924	64	58	97	91	11940	8750	C	B	1758	257	83
RF-PA107L4	814.9	704.1	184043	147196	65	59	98	92	17220	12220	C	C	1406	209	68
RF-PC106L4	847.3	725.7	171828	138859	65	59	98	92	14340	10500	C	C	1808	264	86
RF-PA109L3	895.5	793.4	245204	198495	67	60	98	92	21840	15730	D	C	1356	202	65
RF-PB107L4	911.9	783.0	193773	155657	66	59	97	91	16880	12230	C	C	1758	257	83
RF-PA108L4	931.5	804.8	210335	168224	66	60	98	91	19680	13970	C	C	1607	237	77
RF-PA109L4	1048.0	905.5	236627	189252	66	60	99	93	22140	15710	C	C	1808	264	86
RF-PD205L4	1078.2	929.6	252715	199559	66	60	98	93	24950	17620	D	C	1758	257	83
RF-PA208L4	1127.4	965.6	288441	223483	71	65	102	96	40930	28800	E	D	1607	237	77
RF-PC206L4	1172.1	1009.2	283695	222762	67	61	100	94	30490	21530	D	C	1808	264	86
RF-PA209L4	1268.4	1086.3	324494	251418	71	65	104	98	46050	32400	E	D	1808	264	86

Unit	Module A	Capacity	Module B	Capacity	Module C	Capacity	Module D	Capacity
M		43.2 - 685.5 kW		51 - 658.5 kW		57.8 - 571.3 kW		63.6 - 524.5 kW
N		54.9 - 892.6 kW		63.3 - 854 kW		70.9 - 714.9 kW		77.2 - 643.1 kW
P1		68.9 - 1164.6 kW		78 - 1042.2 kW		85.3 - 847.3 kW		92.2 - 744.4 kW
P2	 	86.3 - 1409.4 kW	 	101.6 - 1362 kW	 	115 - 1172.1 kW	 	127.5 - 1078.2 kW

# Goedhart® KOAL-S RF, L - Fin - 910mm 6 Pole, H Fan type

\* Capacity quoted at 15 K DT1 Dew Point, \*\* Sound level quoted as mean pressure level at 10m according to EN13487

Model	Capacity R404A & R507A *		Air Volume		Sound Pressure Mean **		Sound Power		Power Input		Energy rating		Total Surface area	Internal Volume	R404A Charge
	Δ kW	Υ kW	Δ m³/h	Υ m³/h	Δ dB(A)	Υ dB(A)	Δ dB(A)	Υ dB(A)	Δ W	Υ W	Δ	Υ	m²	dm³	kg
RF-NB101L4	101.2	85.2	22939	17642	52	45	84	75	2310	1520	D	C	174	29	10
RF-PA101L4	109.6	91.8	24096	18532	52	45	84	77	2230	1490	C	C	201	36	12
RF-PB101L4	123.4	103.2	25689	19982	52	45	84	76	2130	1450	C	B	250	43	14
RF-MC102L4	179.4	149.6	42839	32240	55	48	87	79	4770	3090	D	C	300	47	16
RF-PA102L4	219.8	183.9	48192	37028	55	48	87	80	4470	2990	C	C	402	63	21
RF-PC102L3	236.4	206.0	54536	43772	55	49	87	80	4060	2790	C	B	452	71	23
RF-PD102L3	253.2	220.2	55565	44940	56	49	88	80	3990	2760	C	B	526	81	25
RF-PA103L3	285.3	250.2	75518	59906	57	50	89	82	6500	4360	D	C	452	71	23
RF-PB103L3	325.4	281.7	79700	62980	57	50	89	81	6230	4270	C	C	565	91	28
<b>RF-PB103L4</b>	<b>371.1</b>	<b>310.2</b>	<b>77068</b>	<b>59947</b>	<b>57</b>	<b>50</b>	<b>89</b>	<b>82</b>	<b>6400</b>	<b>4360</b>	<b>C</b>	<b>B</b>	<b>752</b>	<b>117</b>	<b>38</b>
RF-MC105L3	396.0	345.1	114489	88167	58	51	91	82	11540	7590	D	C	565	86	28
RF-MD104L4	396.6	335.6	91868	70703	57	50	90	83	9210	6070	D	C	702	105	34
RF-MB106L3	415.2	358.6	126051	94509	59	52	92	83	14450	9300	E	D	565	84	26
RF-PB104L3	434.0	375.7	106266	83974	58	51	89	84	8310	5690	C	C	752	117	38
RF-MD105L3	440.1	383.5	120947	94627	58	51	91	84	11130	7420	D	C	658	97	30
RF-PC104L3	473.4	412.4	109073	87544	58	52	89	83	8120	5590	C	B	903	136	45
RF-PB105L3	542.7	469.7	132833	104967	59	52	90	85	10390	7120	C	C	942	146	48
RF-NA105L4	550.6	460.2	120480	92581	59	51	91	83	11160	7480	C	C	1004	153	50
RF-NC105L4	564.8	471.8	122287	94109	58	51	91	84	11050	7430	C	C	1050	156	49
RF-MA110L3	579.5	493.9	183433	134447	63	55	94	88	25180	15860	E	D	752	110	35
RF-PC105L3	591.9	515.6	136342	109430	59	52	90	84	10150	6980	C	B	1129	170	56
RF-ND105L4	611.4	511.8	127660	99213	58	51	91	83	10720	7290	C	B	1225	180	57
RF-PB105L4	618.9	517.1	128447	99912	58	52	91	83	10670	7270	C	B	1256	189	60
RF-PB106L3	651.3	563.7	159399	125961	59	53	92	84	12460	8540	C	C	1129	170	56
RF-PA106L4	660.9	552.3	144576	111094	59	52	92	83	13400	8970	C	C	1204	182	59
RF-NA108L4	681.9	566.3	164779	122914	61	53	92	86	19430	12450	D	C	1120	164	54
RF-PD105L4	708.5	611.2	135670	108472	59	52	90	84	10190	7010	C	B	1758	256	82
RF-PA108L3	761.4	667.6	201379	159749	60	53	93	85	17320	11640	D	C	1204	182	59
RF-PC106L4	801.2	693.3	158934	126221	59	53	92	85	12490	8530	C	B	1807	263	86
RF-PB107L4	866.7	724.1	179826	139876	60	53	91	86	14930	10180	C	B	1758	256	82
RF-PC205L4	920.5	765.4	214196	161207	61	54	94	86	23870	15440	D	C	1507	223	71
RF-PA208L3	928.1	790.2	293519	215127	65	57	96	90	40280	25370	E	D	1204	181	59
RF-PB206L4	963.9	793.5	231130	170856	63	55	96	88	29780	18900	D	D	1507	223	71
RF-PB207L3	969.0	836.9	294123	220536	63	55	94	88	33720	21700	E	D	1317	197	64
RF-PB108L4	990.6	827.6	205515	159859	60	53	93	85	17070	11630	C	B	2009	292	95
RF-PD205L4	1017.1	856.3	229672	176758	61	54	94	85	23030	15170	D	C	1758	256	82
RF-PA110L4	1101.9	920.7	240960	185154	61	54	94	87	22330	14950	C	C	2009	292	95
RF-PC206L4	1104.7	918.6	257036	193448	62	55	95	86	28650	18520	D	C	1807	263	86
RF-PB207L4	1124.7	925.8	269651	199331	63	56	95	89	34740	22050	D	D	1758	256	82
RF-PB208L4	1285.5	1058.1	308173	227806	64	56	97	88	39700	25200	D	D	2009	292	96

Unit	Module A	Capacity	Module B	Capacity	Module C	Capacity	Module D	Capacity
M		40 - 579.5 kW		48 - 623.8 kW		54.3 - 538.9 kW		60.5 - 495.9 kW
N		51.8 - 843.5 kW		60.4 - 806.4 kW		67.6 - 677.9 kW		73.6 - 611.4 kW
P1		65.6 - 1101.9 kW		74.2 - 990.6 kW		81.7 - 801.2 kW		88.5 - 708.5 kW
P2	 	80 - 1161.8 kW	 	95.4 - 1285.5 kW	 	108.9 - 1104.7 kW	 	121.3 - 1017.1 kW