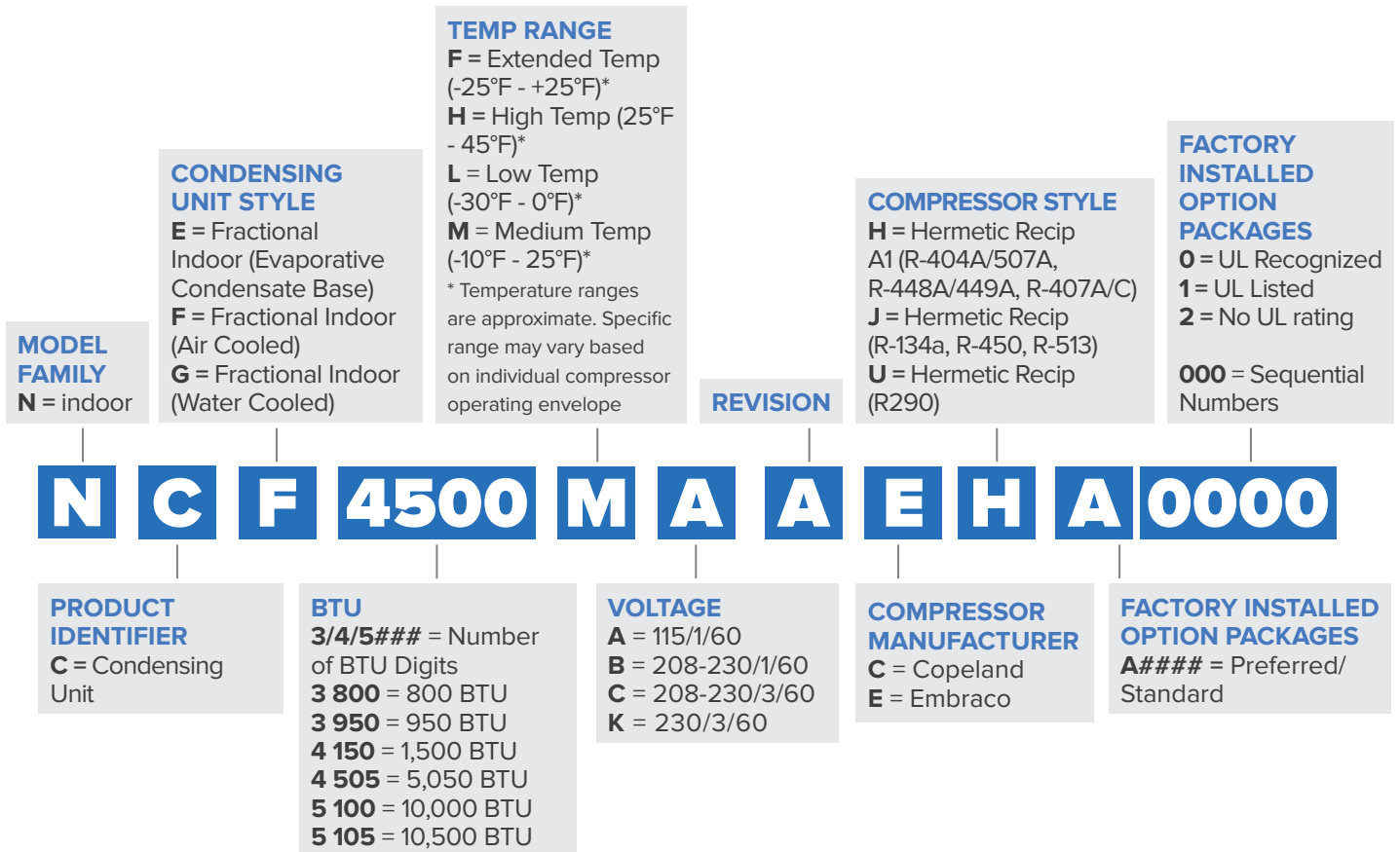


FRACTIONAL HP SMALL INDOOR CONDENSING UNIT

Technical Guide



NOMENCLATURE



STANDARD FEATURES

- Painted chassis
- Unit bearing fan motor (on most models)
- Receiver
- Liquid and suction shut-off valves
- Filter dryer and sight glass
- Power cable whip



PREFERRED OPTION PACKAGES:

Air-cooled Units	UL Recognized			
	Low Temp HFC		Medium Temp HFC	
	Low Temp <3000 BTU	Low Temp =>3000 BTU	M/EM/HT Temp <6000 BTU	M/EM/HT Temp =>6000 BTU
Feature (Package Code)	A0001	A0002	A0001	A0002
Receiver	X	X	X	X
Liquid Valve	X	X	X	X
Suction Valve	X	X	X	X
Suction Accumulator		X		
Fan Guard	X	X	X	X
End Covers (May be required as standard if thin wall tubing used)				
Power Cord	X	X	X	X
Filter Drier	X	X	X	X
Moisture indicator/sight glass	X	X	X	X
Conduit				
Adjustable Low Pressure Control / Fixed High		X		X
UL Recognized	X	X	X	X
UL Listed				
No UL rating				

PERFORMANCE DATA - 404A

Low Temperature

Model	Compressor	Refrigerant	Capacity BTUH @ 90°F Ambient by SST							
			-25	-20	-15	-10	-5	0	5	10
NCF3905LAAEHA0001	NEK2117GK	R-404A	584	679	786	905	1,031	1,172	1,325	1,490
NCF4130L*AEHA0001	NEK2125GK	R-404A	876	1,002	1,143	1,298	1,464	1,650	1,853	2,071
NCF4220L*AEHA0001	NEK2150GK	R-404A	1,461	1,681	1,928	2,201	2,489	2,815	3,170	3,557
NCF4287L*AEHA0001	NEU2168GK	R-404A	1,733	2,014	2,324	2,867	3,026	3,429	3,873	4,348
NCF4445L*AEHA0002	NJ2192GK	R-404A	2,626	3,203	3,809	4,449	5,092	5,786	6,509	7,262

Model	Compressor	Refrigerant	Capacity BTUH @ 95°F Ambient by SST							
			-25	-20	-15	-10	-5	0	5	10
NCF3905LAAEHA0001	NEK2117GK	R-404A	561	651	752	865	989	1,125	1,271	1,428
NCF4130L*AEHA0001	NEK2125GK	R-404A	838	957	1,090	1,237	1,398	1,575	1,766	1,972
NCF4220L*AEHA0001	NEK2150GK	R-404A	1,400	1,627	1,877	2,151	2,451	2,779	3,135	3,520
NCF4287L*AEHA0001	NEU2168GK	R-404A	1,632	1,896	2,189	2,512	2,864	3,248	3,664	4,112
NCF4445L*AEHA0002	NJ2192GK	R-404A	2,381	2,931	3,511	4,121	4,758	5,423	6,116	6,836

Model	Compressor	Refrigerant	Capacity BTUH @ 100°F Ambient by SST							
			-25	-20	-15	-10	-5	0	5	10
NCF3905LAAEHA0001	NEK2117GK	R-404A	527	611	706	811	928	1,056	1,194	1,342
NCF4130L*AEHA0001	NEK2125GK	R-404A	793	905	1,031	1,170	1,323	1,489	1,670	1,864
NCF4220L*AEHA0001	NEK2150GK	R-404A	1,309	1,527	1,766	2,027	2,313	2,624	2,962	3,328
NCF4287L*AEHA0001	NEU2168GK	R-404A	1,529	1,781	2,059	2,365	2,699	3,064	3,458	3,884
NCF4445L*AEHA0002	NJ2192GK	R-404A	2,143	2,670	3,228	3,814	4,428	5,069	5,737	6,432

Model	Compressor	Refrigerant	Capacity BTUH @ 120°F Ambient by SST							
			-25	-20	-15	-10	-5	0	5	10
NCF3905LAAEHA0001	NEK2117GK	R-404A	441	508	586	673	770	877	992	1,117
NCF4130L*AEHA0001	NEK2125GK	R-404A	671	766	873	991	1,120	1,261	1,413	1,577
NCF4220L*AEHA0001	NEK2150GK	R-404A	1,061	1,234	1,463	1,692	1,939	2,208	2,499	2,812
NCF4287L*AEHA0001	NEU2168GK	R-404A	1,263	1,478	1,717	1,979	2,266	2,579	2,917	3,281
NCF4445L*AEHA0002	NJ2192GK	R-404A	1,576	2,038	2,530	3,050	3,597	4,169	4,765	5,386

*Electrical: A=115/1/60, B=208-230/1/60

PERFORMANCE DATA - 134A/450/513

Low Temperature

Model	Compressor	Refrigerant	Capacity BTUH @ 90°F Ambient by SST							
			-25	-20	-15	-10	-5	0	5	10
NCF4122L*AEJA0001	EM2U3125Z	134a	758	896	1,050	1,221	1,404	1,612	1,841	2,092
		450	667	789	924	1,075	1,236	1,419	1,620	1,841
		513	758	896	1,050	1,221	1,404	1,612	1,841	2,092
NCF4245L*AEJA0001	NT2152Z	134a	–	1,622	2,029	2,453	2,882	3,347	3,831	4,329
		450	–	1,427	1,786	2,159	2,536	2,945	3,371	3,810
		513	–	1,622	2,029	2,453	2,882	3,347	3,831	4,329

Model	Compressor	Refrigerant	Capacity BTUH @ 95°F Ambient by SST							
			-25	-20	-15	-10	-5	0	5	10
NCF4122L*AEJA0001	EM2U3125Z	134a	725	857	1,006	1,171	1,353	1,565	1,776	2,018
		450	638	754	885	1,030	1,191	1,377	1,563	1,776
		513	725	857	1,006	1,171	1,353	1,565	1,776	2,018
NCF4245L*AEJA0001	NT2152Z	134a	–	1,486	1,892	2,312	2,750	3,205	3,676	4,162
		450	–	1,308	1,665	2,035	2,420	2,820	3,235	3,662
		513	–	1,486	1,892	2,312	2,750	3,205	3,676	4,162

Model	Compressor	Refrigerant	Capacity BTUH @ 100°F Ambient by SST							
			-25	-20	-15	-10	-5	0	5	10
NCF4122L*AEJA0001	EM2U3125Z	134a	687	815	958	1,117	1,294	1,489	1,702	1,937
		450	605	717	843	983	1,139	1,310	1,498	1,704
		513	687	815	958	1,117	1,294	1,489	1,702	1,937
NCF4245L*AEJA0001	NT2152Z	134a	–	1,335	1,744	2,165	2,599	3,048	3,512	3,987
		450	–	1,175	1,535	1,905	2,287	2,683	3,090	3,508
		513	–	1,335	1,744	2,165	2,599	3,048	3,512	3,987

Model	Compressor	Refrigerant	Capacity BTUH @ 120°F Ambient by SST							
			-25	-20	-15	-10	-5	0	5	10
NCF4122L*AEJA0001	EM2U3125Z	134a	543	650	771	906	1,057	1,224	1,409	1,611
		450	478	572	678	798	930	1,078	1,240	1,417
		513	543	650	771	906	1,057	1,224	1,409	1,611
NCF4245L*AEJA0001	NT2152Z	134a	–	880	1,306	1,731	2,162	2,601	3,046	3,497
		450	–	775	1,149	1,524	1,903	2,288	2,680	3,077
		513	–	880	1,306	1,731	2,162	2,601	3,046	3,497

PERFORMANCE DATA - 404A/407C/448A/449A

Medium Temperature

Model	Compressor	Refrigerant	Capacity BTUH @ 90°F Ambient by SST									
			0	5	10	15	20	25	30	35	40	45
NCF4186M*AEHA0001	NEK6144GK	404A	1,818	1,160	1,314	1,482	1,663	1,859	2,069	—	—	—
		407C	1,491	951	1,078	1,215	1,364	1,524	1,697	—	—	—
		448A/449A	—	986	1,117	1,260	1,414	1,580	1,759	—	—	—
NCF4367M*AEHA0001	NEU6212GK	404A	2,034	2,249	2,509	2,826	3,208	3,670	4,329	—	—	—
		407C	1,668	1,844	2,057	2,317	2,631	3,009	3,550	—	—	—
		448A/449A	—	1,912	2,133	2,402	2,727	3,120	3,680	—	—	—
NCF4589M*AEHA0001	NT6220GKV	404A	3,286	3,760	4,281	4,851	5,447	5,885	6,827	—	—	—
		407C	2,695	3,083	3,510	3,978	4,467	4,826	5,598	—	—	—
		448A/449A	—	3,196	3,639	4,123	4,630	5,002	5,803	—	—	—
NCF4762M*AEHA0002	NT6222GKV	404A	4,173	4,780	5,431	6,124	6,836	7,621	8,458	—	—	—
		407C	3,422	3,920	4,453	5,022	5,606	6,249	6,936	—	—	—
		448A/449A	—	4,063	4,616	5,205	5,811	6,478	7,189	—	—	—
NCF4890M*AEHA0002	NT6226GKV	404A	5,061	5,696	6,388	7,146	7,978	8,895	9,912	—	—	—
		407C	4,150	4,671	5,238	5,860	6,542	7,294	8,128	—	—	—
		448A/449A	—	4,842	5,430	6,074	6,781	7,561	8,425	—	—	—

Model	Compressor	Refrigerant	Capacity BTUH @ 95°F Ambient by SST									
			0	5	10	15	20	25	30	35	40	45
NCF4186M*AEHA0001	NEK6144GK	404A	957	1,090	1,236	1,394	1,566	1,751	1,950	—	—	—
		407C	784	894	1,013	1,143	1,284	1,436	1,599	—	—	—
		448A/449A	—	926	1,050	1,185	1,331	1,489	1,658	—	—	—
NCF4367M*AEHA0001	NEU6212GK	404A	1,997	2,220	2,485	2,802	3,180	3,632	4,171	—	—	—
		407C	1,637	1,820	2,038	2,297	2,608	2,978	3,420	—	—	—
		448A/449A	—	1,887	2,112	2,381	2,703	3,087	3,545	—	—	—
NCF4589M*AEHA0001	NT6220GKV	404A	2,942	3,369	3,830	4,324	4,852	5,413	6,006	—	—	—
		407C	2,413	2,763	3,140	3,546	3,979	4,438	4,925	—	—	—
		448A/449A	—	2,864	3,255	3,676	4,124	4,601	5,105	—	—	—
NCF4762M*AEHA0002	NT6222GKV	404A	3,930	4,504	5,120	5,778	6,481	7,229	8,027	—	—	—
		407C	3,222	3,693	4,198	4,738	5,314	5,928	6,582	—	—	—
		448A/449A	—	3,828	4,352	4,912	5,509	6,145	6,823	—	—	—
NCF4890M*AEHA0002	NT6226GKV	404A	4,765	5,369	6,030	6,756	7,554	8,434	9,409	—	—	—
		407C	3,907	4,402	4,945	5,540	6,194	6,916	7,716	—	—	—
		448A/449A	—	4,564	5,126	5,743	6,421	7,169	7,998	—	—	—

*Electrical: A=115/1/60, B=208-230/1/60

PERFORMANCE DATA - 404A/407C/448A/449A

Medium Temperature

Model	Compressor	Refrigerant	Capacity BTUH @ 100°F Ambient by SST									
			0	5	10	15	20	25	30	35	40	45
NCF4186M*AEHA0001	NEK6144GK	404A	895	1,021	1,158	1,307	1,469	1,644	1,832	—	—	—
		407C	734	837	949	1,072	1,205	1,348	1,502	—	—	—
		448A/449A	—	867	984	1,111	1,249	1,398	1,557	—	—	—
NCF4367M*AEHA0001	NEU6212GK	404A	1,875	2,086	2,337	2,637	2,996	3,424	3,936	—	—	—
		407C	1,538	1,710	1,916	2,162	2,457	2,808	3,228	—	—	—
		448A/449A	—	1,773	1,986	2,241	2,546	2,911	3,346	—	—	—
NCF4589M*AEHA0001	NT6220GKV	404A	2,733	3,137	3,572	4,039	4,538	5,068	5,627	—	—	—
		407C	2,241	2,572	2,929	3,312	3,721	4,156	4,614	—	—	—
		448A/449A	—	2,666	3,036	3,434	3,857	4,308	4,783	—	—	—
NCF4762M*AEHA0002	NT6222GKV	404A	3,699	4,243	5,278	5,458	6,130	6,846	7,571	—	—	—
		407C	3,033	3,480	4,328	4,476	5,026	5,614	6,208	—	—	—
		448A/449A	—	3,607	4,487	4,640	5,210	5,819	6,436	—	—	—
NCF4890M*AEHA0002	NT6226GKV	404A	4,481	5,053	5,682	6,374	7,136	7,977	8,909	—	—	—
		407C	3,674	4,143	4,659	5,227	5,851	6,541	7,305	—	—	—
		448A/449A	—	4,295	4,830	5,418	6,065	6,780	7,572	—	—	—

Model	Compressor	Refrigerant	Capacity BTUH @ 120°F Ambient by SST									
			0	5	10	15	20	25	30	35	40	45
NCF4186M*AEHA0001	NEK6144GK	404A	740	844	958	1,083	1,219	1,366	1,523	—	—	—
		407C	607	692	786	888	1,000	1,120	1,249	—	—	—
		448A/449A	—	717	815	921	1,036	1,161	1,294	—	—	—
NCF4367M*AEHA0001	NEU6212GK	404A	1,566	1,742	1,955	2,210	2,516	2,883	3,321	—	—	—
		407C	1,284	1,429	1,603	1,812	2,063	2,364	2,723	—	—	—
		448A/449A	—	1,481	1,662	1,879	2,139	2,451	2,823	—	—	—
NCF4589M*AEHA0001	NT6220GKV	404A	2,197	2,538	2,906	3,301	3,723	4,169	4,639	—	—	—
		407C	1,801	2,081	2,383	2,707	3,053	3,419	3,804	—	—	—
		448A/449A	—	2,157	2,470	2,806	3,164	3,544	3,943	—	—	—
NCF4762M*AEHA0002	NT6222GKV	404A	3,164	3,621	4,121	4,663	5,246	5,869	6,535	—	—	—
		407C	2,594	2,969	3,380	3,824	4,301	4,813	5,359	—	—	—
		448A/449A	—	3,078	3,503	3,964	4,459	4,989	5,555	—	—	—
NCF4890M*AEHA0002	NT6226GKV	404A	3,803	4,284	4,820	5,415	6,074	6,804	7,613	—	—	—
		407C	3,119	3,513	3,953	4,440	4,981	5,579	6,243	—	—	—
		448A/449A	—	3,641	4,097	4,603	5,163	5,783	6,471	—	—	—

*Electrical: A=115/1/60, B=208-230/1/60

PERFORMANCE DATA - 134A/450/513

Medium Temperature

Model	Compressor	Refrigerant	Capacity BTUH @ 90°F Ambient by SST									
			0	5	10	15	20	25	30	35	40	45
NCF4234MAAEJA0001	FFI10HAK	134a	—	1,519	1,724	1,945	2,183	2,335	2,556	2,738	2,952	3,165
		450	—	1,337	1,517	1,711	1,921	2,055	2,249	2,410	2,598	2,785
		513	—	1,519	1,724	1,945	2,183	2,335	2,556	2,738	2,952	3,165
NCF4315M*AEJA0001	FFI12HBX	134a	—	1,894	2,169	2,470	2,798	3,153	3,536	3,955	4,404	4,880
		450	—	1,667	1,909	2,174	2,463	2,775	3,112	3,481	3,876	4,295
		513	—	1,894	2,169	2,470	2,798	3,153	3,536	3,955	4,404	4,880
NCF4456M*AEJA0001	NEU6214Z	134a	—	2,702	3,116	3,565	4,034	4,560	5,129	5,758	6,415	7,149
		450	—	2,378	2,742	3,137	3,550	4,013	4,514	5,067	5,645	6,291
		513	—	2,702	3,116	3,565	4,034	4,560	5,129	5,758	6,415	7,149
NCF4523M*AEJA0001	NT6220Z	134a	—	3,497	3,836	4,232	4,681	5,232	5,894	6,709	7,664	8,864
		450	—	3,077	3,376	3,724	4,119	4,604	5,187	5,904	6,744	7,800
		513	—	3,497	3,836	4,232	4,681	5,232	5,894	6,709	7,664	8,864

Model	Compressor	Refrigerant	Capacity BTUH @ 95°F Ambient by SST									
			0	5	10	15	20	25	30	35	40	45
NCF4234MAAEJA0001	FFI10HAK	134a	—	1,519	1,724	1,945	2,183	2,335	2,556	2,738	2,952	3,165
		450	—	1,337	1,517	1,711	1,921	2,055	2,249	2,410	2,598	2,785
		513	—	1,519	1,724	1,945	2,183	2,335	2,556	2,738	2,952	3,165
NCF4315M*AEJA0001	FFI12HBX	134a	—	1,815	2,081	2,364	2,688	3,031	3,399	3,805	4,241	4,702
		450	—	1,597	1,831	2,081	2,365	2,667	2,992	3,349	3,732	4,138
		513	—	1,815	2,081	2,364	2,688	3,031	3,399	3,805	4,241	4,702
NCF4456M*AEJA0001	NEU6214Z	134a	—	2,606	3,009	3,446	3,919	4,430	4,983	5,595	6,260	6,978
		450	—	2,294	2,648	3,032	3,448	3,899	4,385	4,924	5,509	6,140
		513	—	2,606	3,009	3,446	3,919	4,430	4,983	5,595	6,260	6,978
NCF4523M*AEJA0001	NT6220Z	134a	—	3,343	3,663	4,040	4,487	5,021	5,661	6,454	7,419	8,591
		450	—	2,942	3,223	3,556	3,949	4,418	4,982	5,679	6,529	7,560
		513	—	3,343	3,663	4,040	4,487	5,021	5,661	6,454	7,419	8,591

*Electrical: A=115/1/60, B=208-230/1/60

PERFORMANCE DATA - 134A/450/513

Medium Temperature

Model	Compressor	Refrigerant	Capacity BTUH @ 100°F Ambient by SST									
			0	5	10	15	20	25	30	35	40	45
NCF4234MAAEJA0001	FFI10HAK	134a	—	1,448	1,647	1,861	2,093	2,245	2,466	2,648	2,862	3,075
		450	—	1,274	1,449	1,638	1,842	1,976	2,170	2,330	2,518	2,706
		513	—	1,448	1,647	1,861	2,093	2,245	2,466	2,648	2,862	3,075
NCF4315M*AEJA0001	FFI12HBX	134a	—	1,735	1,991	2,271	2,576	2,907	3,262	3,655	4,076	4,523
		450	—	1,527	1,752	1,999	2,267	2,558	2,871	3,216	3,587	3,980
		513	—	1,735	1,991	2,271	2,576	2,907	3,262	3,655	4,076	4,523
NCF4456M*AEJA0001	NEU6214Z	134a	—	2,498	2,890	3,316	3,776	4,275	4,812	5,411	6,061	6,762
		450	—	2,198	2,543	2,918	3,323	3,762	4,235	4,761	5,333	5,951
		513	—	2,498	2,890	3,316	3,776	4,275	4,812	5,411	6,061	6,762
NCF4523M*AEJA0001	NT6220Z	134a	—	3,191	3,492	3,851	4,281	4,796	5,418	6,190	7,133	8,279
		450	—	2,808	3,073	3,389	3,767	4,221	4,767	5,447	6,277	7,285
		513	—	3,191	3,492	3,851	4,281	4,796	5,418	6,190	7,133	8,279

Model	Compressor	Refrigerant	Capacity BTUH @ 120°F Ambient by SST									
			0	5	10	15	20	25	30	35	40	45
NCF4234MAAEJA0001	FFI10HAK	134a	—	1,165	1,340	1,528	1,731	1,883	2,103	2,286	2,500	2,713
		450	—	1,025	1,179	1,345	1,523	1,657	1,851	2,012	2,200	2,387
		513	—	1,165	1,340	1,528	1,731	1,883	2,103	2,286	2,500	2,713
NCF4315M*AEJA0001	FFI12HBX	134a	—	1,407	1,625	1,863	2,121	2,401	2,702	3,040	3,405	3,793
		450	—	1,238	1,430	1,639	1,867	2,113	2,377	2,675	2,996	3,338
		513	—	1,407	1,625	1,863	2,121	2,401	2,702	3,040	3,405	3,793
NCF4456M*AEJA0001	NEU6214Z	134a	—	2,219	2,583	2,978	3,406	3,868	4,366	4,925	5,535	6,194
		450	—	1,953	2,273	2,621	2,997	3,403	3,842	4,334	4,871	5,450
		513	—	2,219	2,583	2,978	3,406	3,868	4,366	4,925	5,535	6,194
NCF4523M*AEJA0001	NT6220Z	134a	—	2,877	3,119	3,424	3,801	4,264	4,829	5,544	6,422	7,494
		450	—	2,532	2,745	3,013	3,345	3,752	4,249	4,878	5,652	6,595
		513	—	2,877	3,119	3,424	3,801	4,264	4,829	5,544	6,422	7,494

*Electrical: A=115/1/60, B=208-230/1/60

PERFORMANCE DATA - 134A/450/513

High Temperature

Model	Compressor	Refrigerant	Capacity BTUH @ 90°F Ambient by SST									
			0	5	10	15	20	25	30	35	40	45
NCF4316H*AEJA0001	FF85HBK	134a	–	1,164	1,339	1,536	1,753	1,991	2,242	2,516	2,824	3,159
		450	–	1,024	1,178	1,352	1,543	1,752	1,973	2,214	2,485	2,780
		513	–	1,164	1,339	1,536	1,753	1,991	2,242	2,516	2,824	3,159
NCF4684H*AEJA0001	NT6217Z	134a	–	2,501	2,904	3,347	3,832	4,358	4,905	5,493	6,145	6,841
		450	–	2,201	2,556	2,945	3,372	3,835	4,316	4,834	5,408	6,020
			–	2,501	2,904	3,347	3,832	4,358	4,905	5,493	6,145	6,841

Model	Compressor	Refrigerant	Capacity BTUH @ 95°F Ambient by SST									
			0	5	10	15	20	25	30	35	40	45
NCF4316H*AEJA0001	FF85HBK	134a	–	973	1,124	1,293	1,478	1,681	1,903	2,149	2,416	2,701
		450	–	856	990	1,137	1,301	1,480	1,675	1,891	2,126	2,377
		513	–	973	1,124	1,293	1,478	1,681	1,903	2,149	2,416	2,701
NCF4684H*AEJA0001	NT6217Z	134a	–	3,042	3,507	4,014	4,564	5,159	5,802	6,511	7,277	8,096
		450	–	2,677	3,086	3,532	4,016	4,540	5,105	5,730	6,404	7,125
			–	3,042	3,507	4,014	4,564	5,159	5,802	6,511	7,277	8,096

Model	Compressor	Refrigerant	Capacity BTUH @ 100°F Ambient by SST									
			0	5	10	15	20	25	30	35	40	45
NCF4316H*AEJA0001	FF85HBK	134a	–	931	1,077	1,238	1,416	1,612	1,825	2,062	2,320	2,596
		450	–	820	947	1,090	1,246	1,418	1,606	1,815	2,041	2,284
		513	–	931	1,077	1,238	1,416	1,612	1,825	2,062	2,320	2,596
NCF4684H*AEJA0001	NT6217Z	134a	–	2,880	3,329	3,819	4,351	4,926	5,546	6,234	6,977	7,772
		450	–	2,534	2,930	3,361	3,829	4,335	4,881	5,486	6,140	6,839
			–	2,880	3,329	3,819	4,351	4,926	5,546	6,234	6,977	7,772

Model	Compressor	Refrigerant	Capacity BTUH @ 120°F Ambient by SST									
			0	5	10	15	20	25	30	35	40	45
NCF4316H*AEJA0001	FF85HBK	134a	–	757	878	1,014	1,163	1,327	1,505	1,707	1,928	2,165
		450	–	666	773	892	1,023	1,167	1,324	1,502	1,696	1,905
		513	–	757	878	1,014	1,163	1,327	1,505	1,707	1,928	2,165
NCF4684H*AEJA0001	NT6217Z	134a	–	2,449	2,860	3,306	3,790	4,312	4,874	5,504	6,186	6,917
		450	–	2,155	2,517	2,909	3,335	3,795	4,290	4,843	5,444	6,087
			–	2,449	2,860	3,306	3,790	4,312	4,874	5,504	6,186	6,917

*Electrical: A=115/1/60, B=208-230/1/60

ELECTRICAL SPECIFICATIONS

Model	Compressor	UL Recognized						MOPD
		Voltage	Compressor		Fan		MCA	
			RLA	LRA	No. Fans	FLA (each)		
NCF3905LAAEH*	NEK2117GK	115/1/60	4.0	28.5	1	0.4	5.4	15
NCF4130LAAEH*	NEK2125GK	115/1/60	4.2	26.5	1	0.8	6.1	15
NCF4130LBAEH*	NEK2125GK-B	230/1/60	2.3	13.0	1	0.4	3.3	15
NCF4220LAAEH*	NEK2150GK	115/1/60	7.8	41.5	1	0.4	10.2	15
NCF4220LBAEH*	NEK2150GK-B	230/1/60	4.0	20.0	1	0.2	5.2	15
NCF4287LAAEH*	NEU2168GK	115/1/60	7.5	49.0	1	0.8	10.2	15
NCF4287LBAEH*	NEU2168GK-B	230/1/60	5.8	29.0	1	0.4	7.7	15
NCF4445LAAEH*	NJ2192GK	115/1/60	15.0	98.0	1	2.4	21.2	35
NCF4445LBAEH*	NJ2192GK-B	230/1/60	7.5	44.0	1	1.4	10.8	15
NCF4122LAAEJ*	EM2U3125Z	115/1/60	5.6	30.2	1	0.4	7.4	15
NCF4122LBAEJ*	EM2U3125Z-B	230/1/60	2.8	15.1	1	0.2	3.7	15
NCF4245LAAEJ*	NT2152Z	115/1/60	9.7	70.0	1	0.7	12.8	20
NCF4245LBAEJ*	NT2140Z-B	230/1/60	4.8	24.5	1	0.35	6.4	15
NCF4186MAAEH*	NEK6144GK	115/1/60	4.0	26.0	1	0.8	5.8	15
NCF4186MBAEH*	NEK6144GK-B	230/1/60	2.0	11.6	1	0.4	2.9	15
NCF4367MAAEH*	NEU6212GK	115/1/60	7.2	39.0	1	0.4	9.4	15
NCF4367MBAEH*	NEU6212GK-B	230/1/60	4.0	22.0	1	0.2	5.2	15
NCF4589MAAEH*	NT6220GKV	115/1/60	10.5	54.5	1	0.8	13.9	20
NCF4589MBAEH*	NT6220GKV-B	230/1/60	5.3	26.5	1	0.4	7.0	15
NCF4762MAAEH*	NT6222GKV	115/1/60	15.0	70.0	1	1.7	20.5	35
NCF4762MBAEH*	NT6222GKV-B	230/1/60	6.8	33.7	1	0.8	9.3	15
NCF4890MAAEH*	NT6226GKV	115/1/60	16.2	93.0	1	2.4	22.7	35
NCF4890MBAEH*	NT6226GKV-B	230/1/60	7.7	46.0	1	1.4	11.0	15
NCF4234MAAEJ*	FFI10HBX	115/1/60	4.1	32.5	1	0.8	5.9	15
NCF4315MAAEJ*	FFI12HBX	115/1/60	14.4	49.2	1	0.4	18.4	30
NCF4315MBAEJ*	FFI12HBX-B	230/1/60	7.2	24.6	1	0.2	9.2	15
NCF4456MAAEJ*	NEU6214Z	115/1/60	9.3	50.0	1	0.8	12.4	20
NCF4456MBAEJ*	NEU6214Z-B	230/1/60	4.5	25.0	1	0.4	6.0	15
NCF4523MAAEJ*	NT6220Z	115/1/60	11.0	54.5	1	0.8	14.6	25
NCF4523MBAEJ*	NT6220Z-B	230/1/60	8.5	33.7	1	0.4	11.0	15
NCF4316HAAEJ*	FF85HBK	115/230	5.0	34.5	1	0.4	6.7	15
NCF4316HBAEJ*	FF85HBK-B	230/1/60	2.8	18.5	1	0.2	3.7	15
NCF4684HAAEJ*	NT6217Z	115/230	11.0	50.0	1	0.8	14.6	25
NCF4684HBAEJ*	NT6217Z-B	230/1/60	6.4	31.0	1	0.4	8.4	15

PHYSICAL SPECIFICATIONS

Model	Refrigerant Line Connections (OD)		Rec. Capacity @90% full (lbs)						Dimensions (In.)			Net Wt. (lbs.)
	Liquid	Suction	404A	407C	448A/449A	134a	450	513	Length	Width	Height	
NCF3905LAAEH*	1/4	3/8	0.69	0.68	0.71				15.00	11.4	11.33	36
NCF4130L^AEH*	1/4	3/8	0.69	0.68	0.71				17.40	12.98	11.91	60
NCF4220L^AEH*	1/4	3/8	0.69	0.68	0.71				15.00	11.4	11.33	36
NCF4287L^AEH*	3/8	3/8	0.69	0.68	0.71				17.40	12.98	11.91	80
NCF4445L^AEH*	3/8	1/2	2.55	2.51	2.61				24.00	18.33	16.16	80
NCF4122L^AEJ*	1/4	3/8				0.72	0.70	0.70	15.09	11.57	11.33	36
NCF4245L^AEJ*	3/8	3/8				0.72	0.70	0.70	17.40	14.59	12.39	60
NCF4186M^AEH*	1/4	3/8	0.69	0.68	0.71				17.40	12.98	11.91	60
NCF4367M^AEH*	1/4	3/8	0.69	0.68	0.71				15.09	11.57	11.33	36
NCF4589M^AEH*	3/8	3/8	0.69	0.68	0.71				17.40	12.98	11.91	60
NCF4762M^AEH*	3/8	1/2	1.41	1.38	1.44				24.00	16.39	13.12	60
NCF4890M^AEH*	3/8	1/2	2.55	2.51	2.61				24.00	18.33	16.16	80
NCF4234MAAEJ*	1/4	3/8				0.72	0.70	0.70	15.09	11.57	11.33	36
NCF4315M^AEJ*	1/4	3/8				0.72	0.70	0.70	17.40	12.98	11.91	36
NCF4456M^AEJ*	3/8	3/8				0.72	0.70	0.70	17.40	12.98	11.91	60
NCF4523M^AEJ*	3/8	1/2				1.46	1.42	1.43	24.00	16.39	13.12	80
NCF4316H^AEJ*	1/4	3/8				0.72	0.70	0.70	15.00	11.98	11.33	36
NCF4684H^AEJ*	3/8	1/2				0.72	0.70	0.70	24.00	16.39	13.12	80

CROSS-REFERENCE

Low Temp, R-404A, Air Cooled - 90°F Ambient / -10°F SST

Heatcraft		Tecumseh		Copeland	
Model	BTU/h	Model	BTU/h	Model	BTU/h
NCF3905LAAEHA0001	905	AE2410Z*	1,000	M6JL-H023-IAA-177	939
NCF4130L^AEHA0001	1,298	AE2415Z-AA1ASC	1,380	M6ZL-0031-IAA-179	1,270
NCF4220L^AEHA0001	2,201	AJA2423ZAADG	2,254	M6JL-H052-IAA-177	2,240
NCF4287L^AEHA0001	2,867	AKA2430ZAADC	3,003	M6ZL-H078-CFA-177	3,100
NCF4445L^AEHA0002	4,449	AJB2447ZNADG	4,700	M6KP-0102-CFA-072	4,420

Low Temp, R-134a, Air Cooled - 90°F Ambient / -10°F SST

Heatcraft		Tecumseh		Copeland	
Model	BTU/h	Model	BTU/h	Model	BTU/h
NCF4122L^AEJA0001	1,221	AE2413Y*	1,300	M7JP-H032-IAA-078	1,330
NCF4245L^AEJA0001	2,453	AJ7455Y-AA3ADG	2,539	M7GP-H066-CFA-177	2,650

Medium Temp, R-404A, Air Cooled - 90°F Ambient / 25°F SST

Heatcraft		Tecumseh		Copeland	
Model	BTU/h	Model	BTU/h	Model	BTU/h
NCF4186M^AEHA0001	1,859	AE4430Z*	1,900	M6ZM-0021-IAA-177	1,950
NCF4367M^AEHA0001	3,670	AE4450Z-AA1ADG	3,300	M6ZM-0038-IAA-177	3,660
NCF4589M^AEHA0001	5,885	AKA9457*	5,700	M6GP-H064-CAA-177	5,490
NCF4762M^AEHA0002	7,621	AJA7480*	7,900	M6GP-H090-CFA-177	7,580
NCF4890M^AEHA0002	8,895	AKA9473ZX*	8,325	M6KP-0102-CFA-177	9,150

Medium Temp, R-134a, Air Cooled - 90°F Ambient / 25°F SST

Heatcraft		Tecumseh		Copeland	
Model	BTU/h	Model	BTU/h	Model	BTU/h
NCF4234MAEJA0001	2,335	AE4440Y	2,492	M7JH-H029-IAA-177	2,640
NCF4315M^AEJA0001	3,153	AE4450Y*	3,000	M7JH-H038-IAA-212	3,450
NCF4456M^AEJA0001	4,560	AJA4480YNADG	4,800	M7ZH-H046-IAA-177	4,210
NCF4523M^AEJA0001	5,232	AJA7455YNADG	5,500	M7ZP-H062-CFA-177	5,350

High Temp, R-134a, Air Cooled - 90°F Ambient / 45°F SST

Heatcraft		Tecumseh		Copeland	
Model	BTU/h	Model	BTU/h	Model	BTU/h
NCF4316H^AEJA0001	3,159	AE4430Y*	3,100	M7JH-H020-IAA-177	2,960
NCF4684H^AEJA0001	6,841	AKA4476YDX*	7,176	M7ZH-H055-CFA-177	6,930

NOTES

[illegible]



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Since product improvement is a continuing effort, we reserve the right to make changes in specifications without notice.

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