

9k -36k BTU Ductless Split Single Zone Wall Mount R- 32 Refrigerant

System	Outdoor Condenser	Wall Mount
FSHW091C	FSHSR09B1C	FAHSW09A1C
FSHW121C	FSHSR12B1C	FAHSW12A1C
FSHW183D	FSHSR18B3D	FAHFW18A3D
FSHW243D	FSHSR24B3D	FAHFW24A3D
FSHW363D	FSHSR36B3D	FAHSW36A3D

Remarks:
TC: Total Capacity (Gross) (kBtu/h)
SHC: Sensible Heat Capacity (Gross)
PI: Power Input (including the compressor, evap. fan motor &
cond. fan motor) (kW)
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

9k BTU 115v Extended Capacity Charts

Cooling capacity													
AFR	CFM	341			341			341			341		
Indoor temperature	°F DB	70			75			80			85		
	°F WB	59			63			67			71		
Outdoor temperature	°F DB	TC(KBtu)	SHC(KBtu)	IP(KW)	TC(KBtu)	SHC(KBtu)	IP(KW)	TC(KBtu)	SHC(KBtu)	IP(KW)	TC(KBtu)	SHC(KBtu)	IP(KW)
	5	5.048	3.635	0.317	5.204	3.747	0.323	5.365	3.863	0.326	5.633	4.056	0.330
	15	5.736	4.130	0.360	5.914	4.258	0.367	6.097	4.390	0.371	6.402	4.609	0.375
	25	6.103	4.394	0.395	6.291	4.530	0.404	6.486	4.670	0.408	6.810	4.903	0.412
	35	6.291	4.530	0.425	6.486	4.670	0.434	6.686	4.814	0.438	7.021	5.055	0.443
	45	6.622	4.768	0.467	6.827	4.916	0.477	7.038	5.068	0.482	7.390	5.321	0.487
	55	7.198	5.183	0.497	7.421	5.343	0.507	7.650	5.508	0.512	8.033	5.784	0.518
	65	7.421	5.343	0.540	7.650	5.508	0.551	7.887	5.679	0.557	8.281	5.963	0.563
	75	7.811	5.624	0.581	8.053	5.798	0.593	8.302	5.978	0.599	8.717	6.276	0.605
	85	8.137	5.859	0.638	8.389	6.040	0.652	8.648	6.227	0.658	9.080	6.538	0.665
	95	8.845	6.368	0.702	9.118	6.565	0.716	9.400	6.768	0.723	9.870	7.106	0.731
	105	7.960	5.731	0.723	8.206	5.909	0.738	8.460	6.091	0.745	8.883	6.396	0.752
	115	6.527	4.700	0.759	6.729	4.845	0.774	6.937	4.995	0.782	7.284	5.245	0.790

Heating capacity									
AFR	CFM	341		341		341		341	
Indoor temperature	°F DB	60		65		70		75	
Outdoor temperature	°F DB	TC	IP	TC	IP	TC	IP	TC	IP
		KBtu	KW	KBtu	KW	KBtu	KW	KBtu	KW
	-13								
	-4	4.440	0.614	4.149	0.633	4.068	0.659	3.905	0.723
	0	5.481	0.675	5.123	0.696	5.022	0.733	4.821	0.786
	5	6.525	0.703	6.099	0.725	5.979	0.763	5.740	0.794
	10	6.918	0.731	6.466	0.754	6.339	0.794	6.085	0.818
	17	7.687	0.729	7.184	0.752	7.043	0.791	6.762	0.823
	20	8.241	0.715	7.702	0.737	7.551	0.775	7.249	0.806
	30	9.157	0.735	8.558	0.757	8.390	0.797	8.055	0.829
	40	9.953	0.742	9.302	0.765	9.120	0.805	8.755	0.837
	47	10.819	0.750	10.111	0.773	9.913	0.813	9.516	0.846
	50	10.170	0.712	9.504	0.734	9.318	0.773	8.945	0.804
	65	8.441	0.669	7.889	0.690	7.734	0.726	7.425	0.755

Remarks:
TC: Total Capacity (Gross) (kBtu/h)
SHC: Sensible Heat Capacity (Gross)
PI: Power Input (including the compressor,evap. fan motor &
cond. fan motor) (kW)
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

12k BTU 115v Extended Capacity Charts

Cooling capacity													
AFR	CFM	365			365			365			365		
Indoor temperature	°F DB	70			75			80			85		
	°F WB	59			63			67			71		
Outdoor temperature	°F DB	TC(KBtu)	SHC(KBtu)	IP(KW)	TC(KBtu)	SHC(KBtu)	IP(KW)	TC(KBtu)	SHC(KBtu)	IP(KW)	TC(KBtu)	SHC(KBtu)	IP(KW)
	5	6.816	4.908	0.539	7.027	5.059	0.550	7.244	5.216	0.555	7.607	5.477	0.561
	15	7.746	5.577	0.612	7.985	5.749	0.625	8.232	5.927	0.631	8.644	6.224	0.637
	25	8.240	5.933	0.673	8.495	6.116	0.686	8.758	6.306	0.693	9.196	6.621	0.700
	35	8.495	6.116	0.723	8.758	6.306	0.738	9.029	6.501	0.746	9.480	6.826	0.753
	45	8.942	6.438	0.795	9.219	6.637	0.811	9.504	6.843	0.819	9.979	7.185	0.828
	55	9.720	6.998	0.845	10.020	7.215	0.863	10.330	7.438	0.872	10.847	7.810	0.880
	65	10.020	7.215	0.919	10.330	7.438	0.938	10.650	7.668	0.947	11.182	8.051	0.957
	75	10.548	7.594	0.988	10.874	7.829	1.009	11.210	8.071	1.019	11.771	8.475	1.029
	85	10.987	7.911	1.086	11.327	8.155	1.108	11.677	8.408	1.119	12.261	8.828	1.131
	95	11.943	8.599	1.193	12.312	8.865	1.218	12.693	9.139	1.230	13.327	9.596	1.243
	105	10.748	7.739	1.229	11.081	7.978	1.254	11.423	8.225	1.267	11.995	8.636	1.280
	115	8.814	6.346	1.291	9.086	6.542	1.317	9.367	6.744	1.330	9.836	7.082	1.344

Heating capacity									
AFR	CFM	365		365		365		365	
Indoor temperature	°F DB	60		65		70		75	
Outdoor temperature	°F DB	TC	IP	TC	IP	TC	IP	TC	IP
		KBtu	KW	KBtu	KW	KBtu	KW	KBtu	KW
	-13								
	-4	6.389	1.052	5.971	1.084	5.854	1.141	5.620	1.187
	0	6.655	1.062	6.220	1.095	6.098	1.153	5.854	1.199
	5	8.319	1.073	7.775	1.106	7.622	1.165	7.318	1.211
	10	10.490	1.090	9.803	1.124	9.611	1.183	9.227	1.199
	17	10.595	1.148	9.902	1.183	9.708	1.245	9.320	1.295
	20	11.440	1.171	10.692	1.207	10.482	1.270	10.063	1.321
	30	11.794	0.983	11.023	1.014	10.806	1.067	10.374	1.110
	40	12.415	1.014	11.603	1.045	11.375	1.100	10.920	1.144
	47	14.606	1.034	13.650	1.066	13.383	1.122	12.847	1.167
	50	12.415	0.931	11.603	0.960	11.375	1.010	10.920	1.050
	65	9.311	0.745	8.702	0.768	8.531	0.808	8.190	0.840

Remarks:
TC: Total Capacity (Gross) (kBtu/h)
SHC: Sensible Heat Capacity (Gross)
PI: Power Input (including the compressor,evap. fan motor &
cond. fan motor) (kW)
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

18k BTU 230v Extended Capacity Charts

Cooling capacity													
AFR	CFM	400			400			400			400		
Indoor temperature	°F DB	70			75			80			85		
	°F WB	59			63			67			71		
Outdoor temperature	°F DB	TC(KBtu)	SHC(KBtu)	IP(KW)	TC(KBtu)	SHC(KBtu)	IP(KW)	TC(KBtu)	SHC(KBtu)	IP(KW)	TC(KBtu)	SHC(KBtu)	IP(KW)
	5	12.752	9.889	0.495	12.864	9.964	0.493	12.977	10.040	0.493	13.164	9.889	0.490
	15	12.562	9.828	0.506	12.674	9.903	0.504	12.787	9.978	0.508	12.975	9.828	0.494
	25	16.590	11.360	0.250	16.703	11.435	0.246	16.816	11.510	0.249	17.003	11.360	0.249
	35	17.733	11.818	0.339	17.846	11.893	0.338	17.958	11.968	0.347	18.146	11.818	0.339
	45	17.114	11.794	0.457	17.227	11.869	0.469	17.340	11.944	0.467	17.527	11.794	0.454
	55	17.220	11.673	0.597	17.333	11.748	0.597	17.446	11.823	0.527	17.633	11.673	0.586
	65	15.313	12.009	0.680	15.426	12.084	0.682	15.538	12.159	0.682	15.726	12.009	0.673
	75	18.195	11.993	0.840	18.308	12.068	0.840	18.420	12.143	0.843	18.608	11.993	0.838
	85	19.763	12.752	1.177	19.876	12.827	1.184	19.988	12.902	1.194	20.176	12.752	1.208
	95	19.794	12.787	1.528	19.907	12.862	1.547	20.020	12.937	1.574	20.207	12.787	1.586
	105	17.647	11.863	1.589	17.760	11.938	1.607	17.872	12.013	1.635	18.060	11.863	1.656
	115	13.340	10.031	1.368	13.453	10.106	1.362	13.565	10.182	1.362	13.753	10.031	1.394

Heating capacity									
AFR	CFM	400		400		400		400	
Indoor temperature	°F DB	60		65		70		75	
Outdoor temperature	°F DB	TC	IP	TC	IP	TC	IP	TC	IP
		KBtu	KW	KBtu	KW	KBtu	KW	KBtu	KW
	-13								
	-4	8.687	1.336	8.434	1.377	8.189	1.420	8.025	1.448
	0	14.120	1.467	13.708	1.510	13.309	1.553	13.043	1.609
	5	14.863	1.545	14.430	1.589	14.010	1.635	13.729	1.694
	10	15.330	1.682	14.883	1.730	14.450	1.780	14.161	1.844
	17	16.361	1.789	15.885	1.841	15.422	1.894	15.114	1.962
	20	16.832	1.845	16.342	1.898	15.866	1.953	15.548	2.023
	30	17.342	1.439	16.837	1.480	16.347	1.523	16.020	1.578
	40	18.932	1.493	18.380	1.536	17.845	1.580	17.488	1.637
	47	21.176	1.531	20.559	1.576	19.960	1.621	19.561	1.679
	50	19.511	1.683	18.942	1.731	18.391	1.781	18.023	1.845
	65	16.289	1.155	15.815	1.189	15.354	1.223	15.047	1.267

Remarks:
TC: Total Capacity (Gross) (kBtu/h)
SHC: Sensible Heat Capacity (Gross)
PI: Power Input (including the compressor,evap. fan motor &
cond. fan motor) (kW)
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

24k BTU 230v Extended Capacity Charts

Cooling capacity													
AFR	CFM	647			647			647			647		
Indoor temperature	°F DB	70			75			80			85		
	°F WB	59			63			67			71		
Outdoor temperature	°F DB	TC(KBtu)	SHC(KBtu)	IP(KW)	TC(KBtu)	SHC(KBtu)	IP(KW)	TC(KBtu)	SHC(KBtu)	IP(KW)	TC(KBtu)	SHC(KBtu)	IP(KW)
	5	13.459	10.901	0.698	14.791	11.594	0.695	15.621	12.086	0.695	16.965	12.171	0.692
	15	13.559	10.867	0.715	14.365	11.641	0.712	15.393	12.012	0.717	16.333	12.060	0.697
	25	18.956	13.200	0.353	19.511	13.273	0.348	20.242	13.855	0.351	20.629	13.990	0.352
	35	17.350	12.843	0.478	18.724	12.991	0.476	21.618	14.407	0.489	23.279	14.505	0.478
	45	17.838	13.044	0.644	18.901	13.502	0.661	20.873	14.379	0.660	22.107	14.430	0.641
	55	17.466	13.008	0.843	18.235	13.179	0.843	21.001	14.232	0.744	22.700	14.510	0.827
	65	17.997	13.057	0.960	18.500	13.899	0.962	21.334	14.637	0.962	23.245	14.730	0.950
	75	18.699	13.679	1.185	19.921	13.985	1.185	22.174	14.618	1.190	23.569	14.914	1.182
	85	20.122	14.382	1.661	21.240	14.602	1.671	24.062	15.531	1.685	25.093	15.610	1.705
	95	21.002	14.870	2.156	22.302	15.121	2.183	24.100	15.573	2.221	25.912	15.762	2.238
	105	18.217	13.380	2.241	19.896	13.930	2.268	21.515	14.461	2.308	23.670	14.864	2.336
	115	14.479	11.536	1.930	15.292	11.884	1.922	16.330	12.257	1.921	18.277	12.788	1.967

Heating capacity									
AFR	CFM	647		647		647		647	
Indoor temperature	°F DB	60		65		70		75	
Outdoor temperature	°F DB	TC	IP	TC	IP	TC	IP	TC	IP
		KBtu	KW	KBtu	KW	KBtu	KW	KBtu	KW
	-13								
	-4	7.096	1.240	7.147	1.237	6.960	1.278	6.791	1.317
	0	8.072	1.249	7.766	1.279	7.654	1.319	7.476	1.356
	5	8.658	1.199	8.282	1.246	8.222	1.300	7.983	1.326
	10	9.634	1.247	9.503	1.283	9.268	1.325	9.241	1.339
	17	10.952	1.357	10.772	1.395	10.589	1.438	10.352	1.465
	20	11.620	1.433	11.366	1.467	11.086	1.486	10.732	1.490
	30	13.154	1.498	12.881	1.539	12.517	1.556	12.140	1.557
	40	14.752	1.437	14.569	1.467	14.164	1.481	13.644	1.491
	47	14.652	1.234	14.213	1.262	13.842	1.273	13.393	1.282
	50	14.423	1.180	14.020	1.219	13.481	0.956	12.815	0.962
	65	13.696	0.793	13.182	0.817	12.816	0.836	12.858	0.840

Remarks:
TC: Total Capacity (Gross) (kBtu/h)
SHC: Sensible Heat Capacity (Gross)
PI: Power Input (including the compressor, evap. fan motor &
cond. fan motor) (kW)
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

36k BTU 230v Extended Capacity Charts

Cooling capacity													
AFR	CFM	1020			1020			1020			1020		
Indoor temperature	°F DB	70			75			80			85		
	°F WB	59			63			67			71		
Outdoor temperature	°F DB	TC(KBtu)	SHC(KBtu)	IP(KW)	TC(KBtu)	SHC(KBtu)	IP(KW)	TC(KBtu)	SHC(KBtu)	IP(KW)	TC(KBtu)	SHC(KBtu)	IP(KW)
	5	19.478	14.024	2.009	20.080	14.458	1.932	20.701	14.905	1.894	21.736	15.650	1.704
	15	22.134	15.936	2.283	22.819	16.429	2.195	23.524	16.938	2.152	24.701	17.784	1.937
	25	23.547	16.954	2.508	24.275	17.478	2.412	25.026	18.019	2.365	26.277	18.920	2.128
	35	24.275	17.478	2.697	25.026	18.019	2.594	25.800	18.576	2.543	27.090	19.505	2.288
	45	25.553	18.398	2.752	26.343	18.967	2.646	27.158	19.554	2.595	28.516	20.531	2.335
	55	27.775	19.998	2.867	28.634	20.616	2.757	29.519	21.254	2.703	30.995	22.317	2.432
	65	28.634	20.616	3.116	29.519	21.254	2.996	30.432	21.911	2.938	31.954	23.007	2.644
	75	30.141	21.701	3.280	31.073	22.373	3.154	32.034	23.064	3.092	33.636	24.218	2.783
	85	31.397	22.606	3.605	32.368	23.305	3.466	33.369	24.025	3.398	35.037	25.227	3.058
	95	34.127	24.571	3.961	35.182	25.331	3.809	36.270	26.115	3.734	38.084	27.420	3.361
	105	30.714	22.114	4.080	31.664	22.798	3.923	32.643	23.503	3.846	34.275	24.678	3.462
	115	25.186	18.134	4.284	25.964	18.694	4.119	26.767	19.273	4.039	28.106	20.236	3.635

Heating capacity									
AFR	CFM	1020		1020		1020		1020	
Indoor temperature	°F DB	60		65		70		75	
Outdoor temperature	°F DB	TC	IP	TC	IP	TC	IP	TC	IP
		KBtu	KW	KBtu	KW	KBtu	KW	KBtu	KW
	-13								
	-4	18.481	2.648	17.272	2.730	16.933	2.874	16.256	2.989
	0	20.088	2.675	18.774	2.758	18.406	2.903	17.669	3.019
	5	23.090	2.702	21.579	2.786	21.156	2.932	20.310	3.050
	10	23.315	2.574	21.790	2.654	21.363	2.794	20.508	2.905
	17	23.551	2.654	22.010	2.736	21.579	2.880	20.715	2.995
	20	31.532	2.736	29.469	2.821	28.891	2.969	27.736	3.088
	30	32.507	2.821	30.380	2.908	29.785	3.061	28.593	3.183
	40	34.218	2.908	31.979	2.998	31.352	3.156	30.098	3.282
	47	40.257	2.967	37.623	3.059	36.885	3.220	35.410	3.349
	50	34.218	2.671	31.979	2.753	31.352	2.898	30.098	3.014
	65	25.664	2.136	23.985	2.202	23.514	2.318	22.574	2.411