

HC-22a/Freon R-22 Comparison Test Results, 1995

Model/Type	Freon R-22							HC-22a						
	Pressures		Temperature		Amps	D/B	Chrg Lbs	Pressures		Temperature		Amps	D/B	Chrg Lbs
High Side	Low Side	°F.	Amb °F.	High Side				Low Side	°F.	Amb °F.				
Carrier 520	250	68	60	76	36.0	100	8	225	68.0	56	76	28.8	96	3.7
Carrier 500	250	75	62	76	27.7	96	4.9	200	57.3	58	78	20.3	93	2.2
Payne 1/3 HP	213	55	54	76	10.2	88	7.6	180	52	52	76	7.8	86	3.2
Lennox	210	58	62	76	25.8	89	10.0	175	46	58	76	17.8	87	4.8
Lennox 2	200	45.5	57	76	22.9	90	9.6	190	49	50	78	19.6	89	4.4
Lennox	225	65	58	78	26.5	90	8.2	185	52	52	78	18.9	88	4.0
Carrier 34, 5 Ton	290	65	71.2	106	32.2	N/D	10.3	269	65	64.9	110	28.7		2.9
Fedder 3 Ton	340	70	61.5	101	19.5	N/D	5.3	260	61	60.3	101	14.8		1.4
Amana 1 1/4 Ton	N/D	69.7	77.2	104	9.1	69	2.46	N/D	75	74.3	118	8.1	60	1.23
Payne 5 Ton	N/D	N/D	72	98	25.0	N/D	N/D	235	68	66.5	105	21.7	ND	3.0
Comp. Tecumseh 5 Ton	255	60	48.5		18.1	84		220	61	45.0		16.8	82	3.3
Westinghouse 5 Ton	245	54	52.0	110	27.0	80	5.56	245	60	49.0	110	25.0	76	3.26
Comp. Amana 5 Ton	270	64	52.0		22.0	N/D		261	64	46.0	N/D	20.8	N/D	4.8
Trane 3 Ton	225	61	50.0		13.1	N/D	5.32	205	61	50.0	N/D	12.0	N/D	3.48
Lennox 3 Ton	265	65	62		20.0	N/D		245	64	57	N/D	18.5	N/D	3.5
Trane 5 Ton	225	66	51	88	24.5	N/D	11.2	220	66.5	50	N/D	22.5	N/D	4.5
Window Unit 2 Ton	N/D	51	44	82	9.8			N/P	51	39	85	8.5		0.84