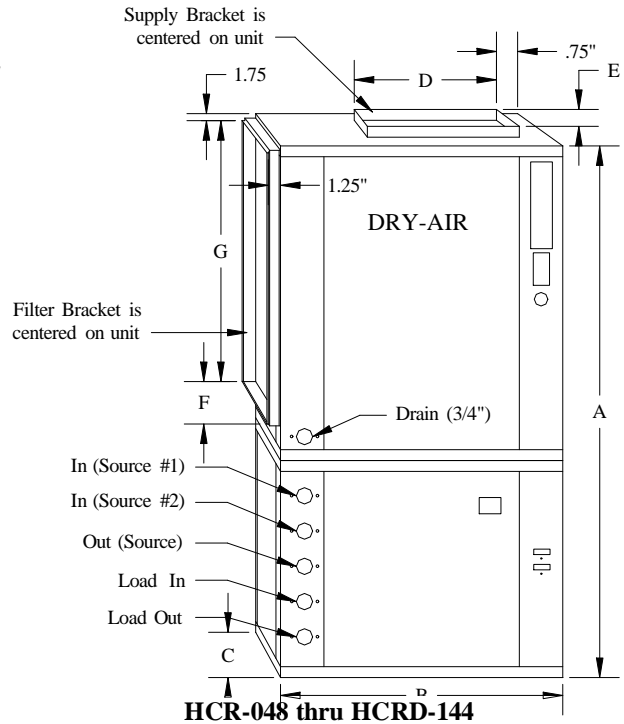
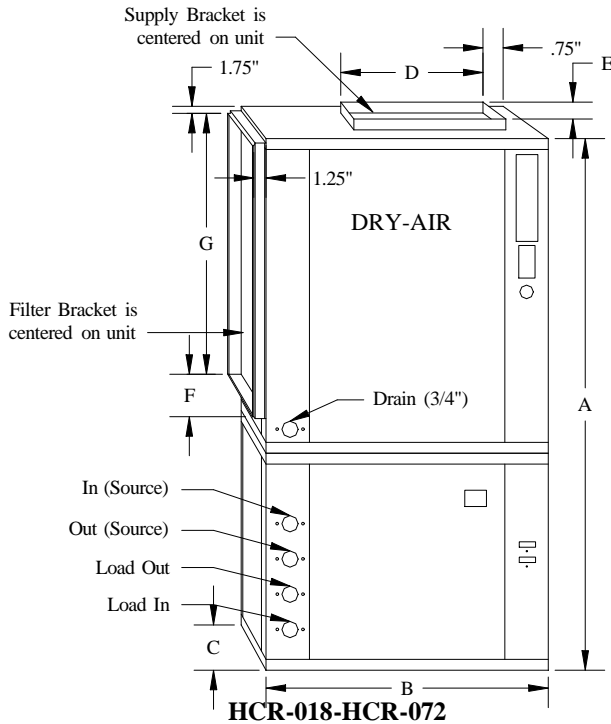




DIMENSIONAL DATA SHEET FOR DRY-AIR VERTICAL Stainless Steel 1-12 Tons



Stainless Steel Models 96-144 VERTICAL UNITS ONLY

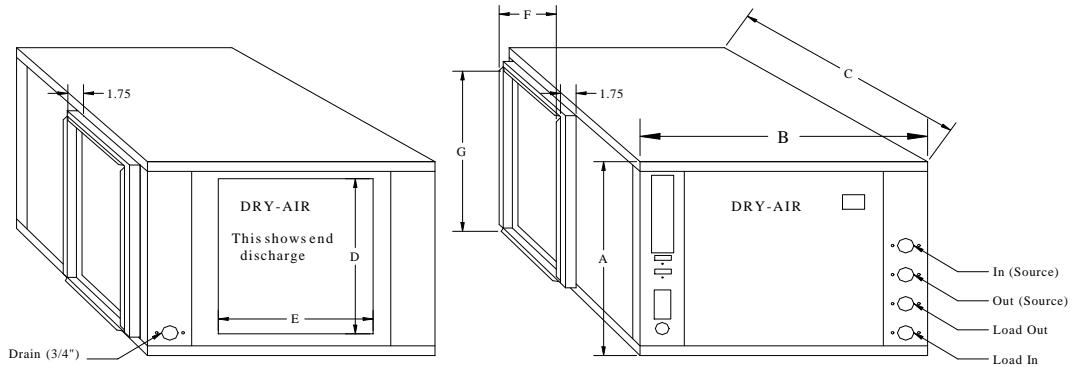
Note: Down Flow equipment has the same dimensional data in an inverted configuration. **DO NOT USE THIS DIAGRAM FOR PIPE SIZING.**

Model No.	Dimensional Data			Supply Air		Return Air		Water Loop		Weight	Filter Size
	A	B	C	D	E	F	G	IN	OUT		
HCR-018	43.0	23.0	31.0	14.0	12.0	26.25	20.63	3/4"	3/4"	230	22x30
HCR-024	43.0	23.0	31.0	14.0	12.0	26.25	20.63	3/4"	3/4"	240	22x30
HCR-030	49.0	26.0	31.0	14.0	16.0	26.25	24.63	3/4"	3/4"	280	26x30
HCR-036	49.0	26.0	31.0	14.0	16.0	26.25	24.63	3/4"	3/4"	310	26x30
HCR-042	52.0	26.0	32.0	14.0	16.0	27.25	26.63	1.0"	1.0"	320	28x30
HCR-048	52.0	26.0	32.0	14.0	16.0	27.25	26.63	1.0"	1.0"	350	28x30
HCR-054	55.0	28.0	34.5	16.0	16.0	29.75	28.63	1.0"	1.0"	400	32x30
HCR-060	55.0	28.0	34.5	16.0	16.0	29.75	28.63	1.0"	1.0"	400	32x30
HCR-072	55.0	28.0	34.5	16.0	16.0	29.75	28.63	1.0"	1.0"	450	32x30
Dual Compressor Units- Dual Circuited											
HCRD-048	55.00	28.0	34.5	16.0	16.0	29.75	28.63	1.0"	1-1/4"	510	32x30
HCRD-072	59.25	32.0	39.5	20.0	24.0	34.75	34.25	1.0"	1-1/4"	570	36x38
HCRD-096	59.25	32.0	39.5	20.0	24.0	34.75	34.25	1.0"	1-1/4"	630	36x38
HCRD-120	59.25	32.0	39.5	20.0	24.0	34.75	34.25	1.0"	1-1/2"	720	36x38
HCRD-144	59.25	32.0	39.5	20.0	24.0	24.75	24.25	1.0"	1-1/2"	730	36x38

All load connections are 3/4" FPT. All line voltage knockouts are 1-1/8". All low voltage knockouts are 7/8".



**STAINLESS STEEL
DIMENSIONAL DATA – HORIZONTAL UNITS**



Note: ElectroModule (Strip Heater) can only be internal mounted in end discharge units, as show on above drawing.

HORIZONTAL UNITS - 1-6 TONS

Model No.	Dimensional Data			Supply Air		Return Air		Water Loop		Weight	Filter
	A	B	C	D	E	F	G	IN	OUT		
HCR-018	22.0	26.0	48.0	12.0	14.0	27.25	16.75	3/4"	3/4"	230	18x30
HCR-024	22.0	26.0	48.0	12.0	14.0	27.25	16.75	3/4"	3/4"	240	18x30
HCR-030	22.0	28.0	56.0	16.0	14.0	35.25	16.75	3/4"	3/4"	280	18x38
HCR-036	22.0	28.0	56.0	16.0	14.0	35.25	16.75	3/4"	3/4"	310	18x38
HCR-042	22.0	30.0	56.0	16.0	14.0	35.25	16.75	1.0"	1.0"	320	18x38
HCR-048	22.0	30.0	56.0	16.0	14.0	35.25	16.75	1.0"	1.0"	350	18x38
HCR-054	23.5	30.0	56.0	16.0	16.0	35.25	16.75	1.0"	1.0"	400	19x38
HCR-060	23.5	30.0	56.0	16.0	16.0	35.25	16.75	1.0"	1.0"	420	19x38
HCR-072	23.5	34.0	56.0	16.0	16.0	35.25	16.75	1.0"	1.0"	470	19x38

Model No.	Blower Speed	CFM <i>Nominal</i>	Static Pressure										
			.10	.15	.20	.25	.30	.35	.40	.50	.60	.70	.80
HCR-018	Med.	600	620	600	580	560	520	490	-	-	-	-	-
HCR-024	High	800	870	840	800	760	710	670	-	-	-	-	-
HCR-030	Med.	1000	1125	1100	1075	1040	980	952	910	860	-	-	-
HCR-036	High	1200	1380	1375	1350	1325	1250	1225	1150	1000	940	-	-
HCR-042	Med.	1400	1580	1550	1500	1450	1420	1350	1250	1150	1050	-	-
HCR-048	High	1600	1800	1750	1700	1675	1650	1550	1450	1350	1240	1110	-
HCR-054	Med.	1800	2000	1950	1900	1870	1850	1750	1650	1570	1500	1400	-
HCR-060	High	2000	2205	2150	2090	2060	2040	1940	1835	1730	1620	1450	1250
HCR-072	High	2400	2450	2400	2370	2350	2250	2150	2070	1960	1820	1680	1500

All desuperheater connections are 3/4" PT.

All line voltage knockouts are 1-1/8". All low voltage knockouts are 7/8".

Air Flow Chart (PSC Motors) Note: ECM Motors will maintain a nominal CFM (approximately 400 CFM Per Ton) between .10 and .80 Static Pressure.