

# Compressors, Chillers & Condensers

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Motors

Electrical

Heating Components

Indoor Air Quality

Thermostats

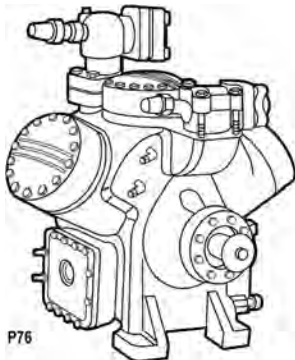
Oils & Chemicals

Accessories, Supplies & Commodities

Tools & Instruments

Refrigeration

## CARLYLE OPEN DRIVE COMPRESSORS 5F AND 5H OPEN-DRIVE COMPRESSOR APPLICATION DATA



MODEL NO	NOMINAL HORSEPOWER			# OF CYL	BORE (in)	STROKE (in)	CFM @ 1750 RPM	RATINGS IN TONS*			MIN SPEED FOR UN LOADER OPERATION	OIL CHG (Pints)	SUCTION ODF (in)	DISCH LINE ODF (in)	COMP.WT (lb)
	134a	R-22	R-407c					R-22	R-134a	R-407c					
5F20	6	10	8.8	2	2-1/2	2	19.8	8.5	5.2	8.2	600	5	1-1/8	7/8	175
5F30	9	15	13	3	2-1/2	2	29.8	12.7	7.8	12.3	700	5-1/2	1-5/8	1-3/8	215
5F40	11.5	20	17.3	4	2-1/2	2	39.8	16.8	10.5	16.3	800	12	1-5/8	1-3/8	355
5F60	17	25	26	6	2-1/2	2	59.6	25.6	15.7	24.6	900	13	2-1/8	1-5/8	400
5H40	27.5	40	39.5	4	3-1/4	2-3/4	92.4	39.6	24.7	38.4	800	18	2-5/8	2-1/8	610
5H46	35.4	60	51.4	4	3-1/4	3-7/16	115.5	49.1	30.6	47.5	800	18	2-5/8	2-1/8	610
5H60	40.8	60	59	6	3-1/4	2-3/4	138.4	59.4	37.0	57.6	900	21	3-1/8	3-1/8	795
5H66	53	75	76.8	6	3-1/4	3-7/16	173.0	73.8	45.9	71.4	900	21	3-1/8	3-1/8	795
5H80	54.6	75	78.4	8	3-1/4	2-3/4	184.7	79.2	49.5	76.8	1100	41	3-1/8	3-1/8	1115
5H86	70.5	100	102	8	3-1/4	3-7/16	231.0	98.2	61.1	95.3	1100	41	3-1/8	3-1/8	1115
5H120	80.5	125	117.1	12	3-1/4	2-3/4	276.0	119.0	74.0	115.3	900	61	4-1/8	4-1/8	1580
5H126	101.4	150	152.3	12	3-1/4	3-7/16	346.0	149.0	91.8	143.0	900	61	4-1/8	4-1/8	1580

**NOTES:**

- \*40° F saturated suction, 105° F saturated discharge, 15° F superheat, 0° F subcooling.
- 45 PSIG net oil pressure (oil pressure PSIG - suction pressure PSIG).
- ODF = Outside Diameter Female (in.).
- Maximum RPM = 1750.
- Minimum RPM for lubrication = 400 RPM.
- Must use oil cooler on long stroke models: 5H46, 5H66, 5H86, 5H126 (see Accessory page for oil cooler part number)

### 5F & 5H COMPRESSOR MODELS AVAILABLE

5F COMPRESSOR MODELS	
COMPRESSOR PART NO.	NO. OF UNLOADERS
5F20-S674	0
5F20-A684	1
5F20-S684	1
5F30-A189	0
5F30-S644	0
5F30-A219	2
5F30-S664	2

5F/5H COMPRESSOR MODELS	
COMPRESSOR PART NO.	NO. OF UNLOADERS
5F40-A219	3
5F40-S219	3
5F60-A219	4
	4
5H40-(+)219	3
5H46-(+)219	3

5H COMPRESSOR MODELS	
COMPRESSOR PART NO.	NO. OF UNLOADERS
5H60-(+)219	4
5H66-(+)219	6
5H80-(+)219	6
5H86-(+)219	6
5H120-(+)219	8
5H126-(+)219	8

(+) = May be either "A" (Remanufactured) or "S" (New Manufactured).  
For R404a/R507a application data, contact RCD.