

**COMMERCIAL PRODUCT LINE**

The versatile design with the coils arranged in “W” form gives a greater area of transfer; together with high performance 800mm fans, result in one of the highest capacity condensers in the market for the space used.

**STANDARD FEATURES AND BENEFITS:**

- **Up to 24% more efficient** compared to traditional tube and fin coil with AC fan.
- **Strong aluminum structure** and high efficiency micro-channel coils, lower weight and size; reducing the costs of transportation, installation and construction.
- **Permits joining condensers** one after another of the same or different capacities.
- One refrigeration circuit.
- **EcoFriendly;** Micro-channel panel with internal volume reduced requires between 40% to 60% less refrigerant charge and results in a significant reduction of the refrigerant charge necessary for normal or flooded operations.
- **Quiet, standard efficiency AC type fan with two speeds;** External rotor motor with impeller wing curve in cast aluminum combined with the optimized venturi plate offers the best performance in air volume, noise reduction and energy efficiency available in the refrigeration industry.
- Fan wired on speed 1 (high).
- Easy to replace micro-channel panels.
- Vertical air discharge.
- Electrical Power Panel Fan with breaker and contactors for each fan.
- Capacity Range: 18-183 TR @ 20°F DT
- Multiple Refrigerants: R-134a, R-404a, R-407a, R-407c, R-410a, R-507a
- Available for: 208-230 or 460 volt / 3 phase / 50-60 HZ
- 2 year warranty.

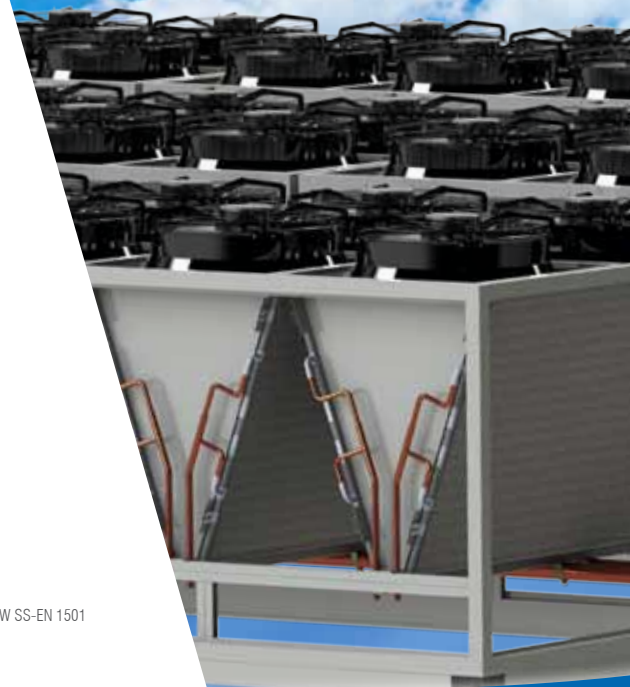
**OPTIONAL:**

- Circuit board fan capacity control (on/off) with proportional input 0-10 volt signal.
- Two or more refrigerant circuits.
- Ball valves on inlet and outlet manifold.
- E-Coat coating on micro-channel for greater corrosion resistance.
- High-efficiency EC type fan.
- Electronic pressure control (Carel pRack, Emerson E2, Danfoss or others).



**ENERGY SAVER**  
UP TO 24%

- ✓ **ECOFRIENDLY – LOW REFRIGERANT CHARGE.**
- ✓ **LIGHTWEIGHT & NO RUST ALUMINUM STRUCTURE.**
- ✓ **HIGH PERFORMANCE AND SMALL SIZE.**
- ✓ **MODULAR DESIGN.**
- ✓ **EASY MAINTENANCE.**
- ✓ **VERSATILE.**
- ✓ **QUIET.**



# FRAC W SERIE — REMOTE AIR COOLED CONDENSER WITH MICRO-CHANNEL

MODEL	VENTILADOR AC DIA. 800MM						TOTAL HEAT REJECTION (MBH) R-404A TEMPERATURE DIFFERENCE					ELECTRICAL DATA 60HZ				MECHANICAL DATA								
	SIZE	QUANTITY	DATOS VENTILADOR VELOCIDAD 1 (ALTA)				10°F	15°F	20°F	25°F	30°F	230 VOLTAGE		460 VOLTAGE		CONNECTIONS				TOTAL LENGTH		APPROXIMATE WEIGHT		
			dB	RPM	KW	TOTAL KW	TOTAL CFM	5.5°C	8.3°C	11°C	13.8°C	16.6°C	FLA	MCA	FLA	MCA	GAS INLET		LIQUID OUTLET		INCH	(MM)	LB	(KG)
FRAC "W" SERIES	0800/1	1	77	1030	2.2	2.2	13250	107.9	163.4	220.0	277.6	336.3	8.1	15	3.8	15	1 1/8	(29)	0.88	(22)	44	(1,118)	396	(180)
	0800/2	2	77	1030	2.2	4.4	26500	215.7	326.7	439.9	555.2	672.6	16.2	20	7.6	15	1 5/8	(41)	1 3/8	(35)	44	(1,118)	578	(263)
	0800/3	3	77	1030	2.2	6.6	39750	323.6	490.1	659.9	832.8	1008.9	24.3	25	11.4	15	1 5/8	(41)	1 5/8	(41)	85 7/16	(2,169)	973	(442)
	0800/4	4	77	1030	2.2	8.8	53000	431.4	653.5	879.8	1110.4	1345.1	32.4	40	15.2	20	2 1/8	(54)	1 5/8	(41)	85 7/16	(2,169)	1155	(525)
	0800/5	5	77	1030	2.2	11.0	66250	539.3	816.9	1099.8	1387.9	1681.4	40.5	50	19.0	20	2 5/8	(67)	2 1/8	(54)	126 13/16	(3,221)	1551	(705)
	0800/6	6	77	1030	2.2	13.2	79500	647.1	980.2	1319.7	1665.5	2017.7	48.6	50	22.8	25	2 5/8	(67)	2 1/8	(54)	126 13/16	(3,221)	1733	(788)
	0800/7	7	77	1030	2.2	15.4	92750	755.0	1143.6	1539.7	1943.1	2354.0	56.7	60	26.6	30	3 1/8	(79)	2 5/8	(67)	168 3/16	(4,272)	2128	(967)
	0800/8	8	77	1030	2.2	17.6	106000	862.8	1307.0	1759.6	2220.7	2690.3	64.8	75	30.4	40	3 1/8	(79)	2 5/8	(67)	168 3/16	(4,272)	2310	(1,050)
	0800/9	9	77	1030	2.2	19.8	119250	970.7	1470.4	1979.6	2498.3	3026.6	72.9	75	34.2	40	3 1/8	(79)	2 5/8	(67)	209 9/16	(5,323)	2706	(1,230)
	0800/10	10	77	1030	2.2	22.0	132500	1078.6	1633.7	2199.5	2775.9	3362.9	81.0	90	38.0	40	3 5/8	(92)	3 1/8	(79)	209 9/16	(5,323)	2888	(1,313)

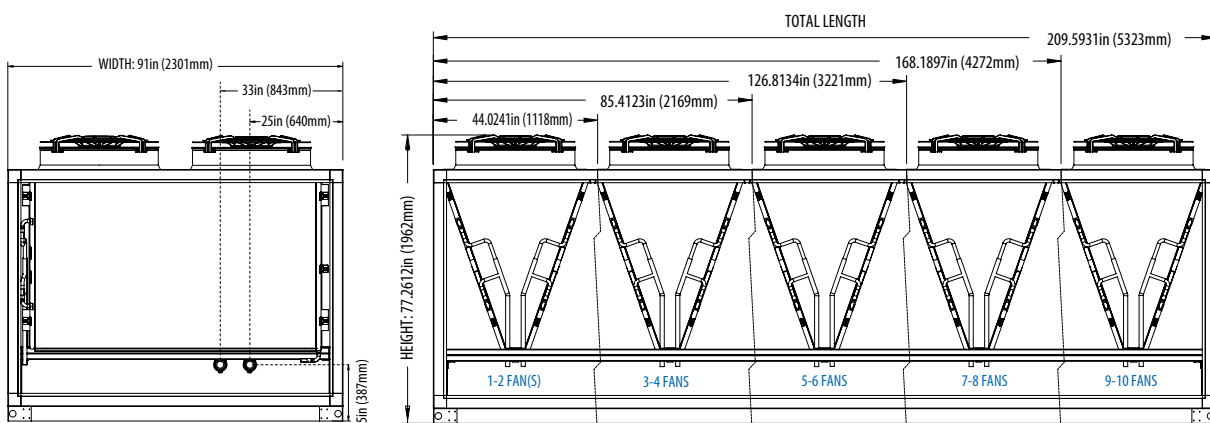
FLA: Full Load Amps Fan

MCA: Minimum Circuit Amps

## DATA ON FAN WIRED ON SPEED 2 (LOW)

dB: 70  
RPM: 770  
Kw: 1.3

Multiplier to calculate performance:  
FLA: x 0.526  
Heat Rejection: x 0.78  
CFM: x 0.717



## NOMENCLATURE

