

# ONE FITS ALL

EMBRACO  
F SERIES  
COMPRESSORS



# F SERIES

**VERSATILE COMPRESSOR**  
(able to work in L/M/HBP)

**HIGH AND LOW STARTING TORQUE**

**MULTIPLE REFRIGERANTS**  
(Including R290 and R134a)

**ENERGY EFFICIENT DESIGN**



## PERFORMANCE DATA - FFU SERIES - L/MBP

	MODEL	DISPLACEMENT CM <sup>3</sup>	HP	VOLTAGE FREQUENCY	MOTOR TYPE	RATED POINT ASHRAE -23,3 °C / 54,4 °C		RATED POINT EN12900 (Estimated data) -35,0 °C / 40,0 °C		MAX HEIGHT mm	WEIGHT kg	LRA A	COOLING TYPE	FAN AIR FLOW (m <sup>3</sup> /h)	OIL	
						COOLING W	EFFICIENCY W/W	COOLING W	EFFICIENCY W/W						CHARGE cm <sup>3</sup>	TYPE
R290a	FFU130UAX	6.76	1/3	115-127V 60Hz 1 ~	CSIR	399	1.5	235	1.3	201	11.1	41.5	Fan	4.05	280	ISO32
	FFU130UAX	6.76	1/3	220-240V 50-60Hz 1 ~	CSIR	319	1.5	189	1.3	201	11.1	18.0	Fan	3.24	280	ISO32
	FFU160UAX	7.95	1/2	115-127V 60Hz 1 ~	CSIR	489	1.5	289	1.3	201	11.1	41.5	Fan	4.97	280	ISO32
	FFU160UAX	7.95	1/2	220-240V 50Hz 1 ~	CSIR	399	1.5	236	1.2	201	11.1	21.0	Fan	4.06	280	ISO32
R134a	FFU70HAK	6.36	1/4	115-127V 60Hz 1 ~	RSIR CSIR	220	1.5	118	1.3	201	11.4	26.7	Static or Fan	4.26	280	ISO10
	FFU70HAK	6.36	1/4	220-240V 50-60Hz 1 ~	RSIR CSIR	185	1.4	99	1.2	201	11.4	12.8	Static	3.58	280	ISO10
	FFU80HAK	6.76	1/4	115-127V 60Hz 1 ~	RSIR CSIR	239	1.5	129	1.3	201	11.4	28	Static or Fan	4.63	280	ISO10
	FFU80HAX	6.76	1/4	115-127V 60Hz 1 ~	CSIR	243	1.5	131	1.2	201	11.4	30.5	Static	4.70	280	ISO10
	FFU80HAK	6.76	1/4	220-240V 50-60Hz 1 ~	RSIR CSIR	199	1.4	107	1.2	201	11.4	15.2	Static	3.86	280	ISO10
	FFU100HAK	7.95	1/3	115-127V 60Hz 1 ~	RSIR CSIR	289	1.5	155	1.3	201	11.4	32.5	Static	5.60	280	ISO10
	FFU100HAK	7.95	1/3	220-240V 50-60Hz 1 ~	RSIR CSIR	239	1.3	129	1.1	201	11.4	18.0	Static	4.63	280	ISO10
	FFU130HAX	10.61	1/3	115-127V 60Hz 1 ~	CSIR	366	1.4	197	1.2	201	11.4	40.3	Fan	7.10	280	ISO10
	FFU130HAX	10.61	1/3	220-240V 50Hz 1 ~	CSIR	309	1.4	166	1.2	201	11.4	17.5	Fan	5.99	280	ISO10

Data performed at 115V 60Hz and 220V 50Hz