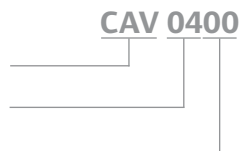




## V-shape Air Cooled Condensers Condensadores "en V" refrigerados por aire

### Model Key Example / Ejemplo de nomenclatura de modelos

- CAV Axial Condenser "V" / Condensador axial "en V"  
 04 Total number of fans / Número total de ventiladores  
 00 Module type / Tipo de módulo



CAV-0408



CAV-0408

### Selection Data Tables

The rating conditions are based on:

- R-404 Refrigerant
- $\Delta T = 15$  K
- Air Inlet Temperature: +25°C
- Atmospheric Pressure: 101325 Pa

$\Delta T$  represents the difference between the condensing temperature and the entering air temperature.

The following correction factors are supplied for alternative conditions.

Multiply the requested capacity by the following factors where applicable, to select the correct unit from the tables.

### Tablas de datos para la selección

Las condiciones de potencia nominal se basan en:

- Refrigerante R-404
- $\Delta T = 15$  K
- Temperatura de entrada del aire: +25 °C
- Presión atmosférica: 101.325 Pa

$\Delta T$  representa la diferencia entre la temperatura de condensación y la del aire entrante.

Se proporcionan los siguientes factores de corrección para condiciones alternativas.

Multiplique la potencia necesaria por el factor que corresponda de los siguientes al objeto de seleccionar la unidad adecuada en las tablas.

REFRIGERANT / REFRIGERANTE	R 22	R 134a	R-404 A	R 407A	R 407C	R 507
F1	1,04	1,07	1	1,2	1,15	1

AMBIENT TEMPERATURE / TEMPERATURA AMBIENTE	10	15	20	25	30	35	40	45	50
F2	0,95	0,97	0,98	1	1,01	1,03	1,04	1,06	1,07

DISTANCE / DISTANCIA (m)	1	5	10	15	20	25	30
F3 (dBA)	+20	+5	0	-3	-6	-8	-9

ALTITUDE OVER SEA LEVEL / ALTITUD (m)	0	500	1000	1500	2000	2500
F4	1	1,04	1,08	1,12	1,18	1,25

FIN MATERIAL / MATERIAL DE LAS ALETAS	ALUMINUM / ALUMINIO	LAQUERED / LACADO	COPPER / COBRE
F5	1	1,03	0,97

**IMPORTANT NOTE:** Decimals are used in the following format: x,xx (example 5,23)  
 Thousands are used in the following format: xxxx (example 1264)

## Selection Tables / Tablas de selección

### 6 Pole Fan / Ventilador de 6 polos

CONNECTION / CONEXIÓN Δ 800 rpm			
CAV. AXIAL CONDENSER "V" CAV. CONDENSADOR AXIAL "EN V"	CAPACITY	SOUND LEVEL	AIRFLOW
	CAPACIDAD ΔT 15 K	NIVEL SONORO	CAUDAL DE AIRE
	kW	dBa	m³/h
CAV-0400	207	60	99000
CAV-0401	276	60	94900
CAV-0402	306	60	88000
CAV-0600	311	62	148500
CAV-0601	415	62	142350
CAV-0602	459	62	132000
CAV-0800	414	64	198000
CAV-0801	553	64	189800
CAV-0802	512	64	176000
CAV-1000	518	65	247500
CAV-1001	692	65	237250
CAV-1002	765	65	220000
CAV-1200	622	66	397000
CAV-1201	830	66	284700
CAV-1202	918	66	264000

CONNECTION / CONEXIÓN Δ 660 rpm			
CAV. AXIAL CONDENSER "V" CAV. CONDENSADOR AXIAL "EN V"	CAPACITY	SOUND LEVEL	AIRFLOW
	CAPACIDAD ΔT 15 K	NIVEL SONORO	CAUDAL DE AIRE
	kW	dBa	m³/h
CAV-0409	183	52	77400
CAV-0410	230	52	74500
CAV-0411	248	52	68000
CAV-0609	274	53	116100
CAV-0610	345	53	111750
CAV-0611	372	53	102000
CAV-0809	366	54	154800
CAV-0810	460	54	149000
CAV-0811	496	54	136000
CAV-1009	457	55	193500
CAV-1010	575	55	186250
CAV-1011	620	55	170000
CAV-1209	549	56	232200
CAV-1210	690	56	223500
CAV-1211	744	56	204000

### 8 Pole Fan / Ventilador de 8 polos

CONNECTION / CONEXIÓN Δ 680 rpm			
CAV. AXIAL CONDENSER "V" CAV. CONDENSADOR AXIAL "EN V"	CAPACITY	SOUND LEVEL	AIRFLOW
	CAPACIDAD ΔT 15 K	NIVEL SONORO	CAUDAL DE AIRE
	kW	dBa	m³/h
CAV-0403	180	51	74000
CAV-0404	227	51	71800
CAV-0405	248	51	67000
CAV-0603	270	53	111000
CAV-0604	340	53	107700
CAV-0605	372	53	100500
CAV-0803	361	54	148000
CAV-0804	454	54	143600
CAV-0805	496	54	134000
CAV-1003	451	55	185000
CAV-1004	568	55	179500
CAV-1005	620	55	167500
CAV-1203	541	56	222000
CAV-1204	681	56	215400
CAV-1205	744	56	201000

CONNECTION / CONEXIÓN Δ 530 rpm			
CAV. AXIAL CONDENSER "V" CAV. CONDENSADOR AXIAL "EN V"	CAPACITY	SOUND LEVEL	AIRFLOW
	CAPACIDAD ΔT 15 K	NIVEL SONORO	CAUDAL DE AIRE
	kW	dBa	m³/h
CAV-0412	161	46	60000
CAV-0413	194	46	56000
CAV-0414	217	46	54000
CAV-0612	241	48	90000
CAV-0613	292	48	84000
CAV-0614	325	48	81000
CAV-0812	322	49	120000
CAV-0813	389	49	112000
CAV-0814	434	49	108000
CAV-1012	403	50	150000
CAV-1013	487	50	140000
CAV-1014	542	50	135000
CAV-1212	483	51	180000
CAV-1213	584	51	168000
CAV-1214	651	51	162000

## 12 Pole Fan / Ventilador de 12 polos

CONNECTION / CONEXIÓN Δ 440 rpm			
CAV. AXIAL CONDENSER "V" CAV. CONDENSADOR AXIAL "EN V"	CAPACITY	SOUND LEVEL	AIRFLOW
	CAPACIDAD ΔT 15 K kW	NIVEL SONORO dBA	CAUDAL DE AIRE m³/h
CAV-0406	130	37	44000
CAV-0407	156	37	42000
CAV-0408*	170	37	39000
CAV-0606	195	39	66000
CAV-0607	234	39	63000
CAV-0608	255	39	58500
CAV-0806	260	40	88000
CAV-0807	312	40	84000
CAV-0808	340	40	78000
CAV-1006	325	41	110000
CAV-1007	390	41	105000
CAV-1008	426	41	975000
CAV-1206	390	42	132000
CAV-1207	468	42	126000
CAV-1208	511	42	117000

CONNECTION / CONEXIÓN Δ 330 rpm			
CAV. AXIAL CONDENSER "V" CAV. CONDENSADOR AXIAL "EN V"	CAPACITY	SOUND LEVEL	AIRFLOW
	CAPACIDAD ΔT 15 K kW	NIVEL SONORO dBA	CAUDAL DE AIRE m³/h
CAV-0415	112	25	33200
CAV-0416	132	25	31500
CAV-0417	141	25	29300
CAV-0615	168	27	49800
CAV-0616	196	27	47250
CAV-0617	212	27	43950
CAV-0815	224	28	66400
CAV-0816	264	28	63000
CAV-0817	282	28	58600
CAV-1015	280	29	83000
CAV-1016	330	29	78750
CAV-1017	353	29	73250
CAV-1215	336	30	99600
CAV-1216	396	30	94500
CAV-1217	434	30	87900

\* TÜV SÜD certification for model / Certificación TÜV SÜD para el modelo



CAV-0408



CAV-0408



## Technical Features / Características técnicas

MODELS MODELOS			EXCHANGE SURFACE SUPERFICIE DE INTERCAMBIO		FANS VENTILADORES Ø 800mm	DIMENSIONS DIMENSIONES	WEIGHT PESO	INTERNAL VOLUME VOLUMEN INTERNO	CONNECTION CONEXIÓN	
6 poles / 6 polos	8 poles / 8 polos	12 poles / 12 polos	m²	modules / módulos	Num	mm	kg	dm³	inlet / entrada	outlet / salida
CAV-0400	CAV-0403	CAV-0406	448	2	4	2728 x 2262 x 2075	800	70	2 1/8"	1 3/8"
CAV-0401	CAV-0404	CAV-0407	670					98	2 1/8"	1 3/8"
CAV-0402	CAV-0405	CAV-0408	896					125	2 1/8"	1 3/8"
CAV-0409	CAV-0412	CAV-0415	448					70	2 1/8"	1 3/8"
CAV-0410	CAV-0413	CAV-0416	670					98	2 1/8"	1 3/8"
CAV-0411	CAV-0414	CAV-0417	896					125	2 1/8"	1 3/8"
CAV-0600	CAV-0603	CAV-0606	672					3	6	3928 x 2262 x 2075
CAV-0601	CAV-0604	CAV-0607	1005	143	2 5/8"	1 5/8"				
CAV-0602	CAV-0605	CAV-0608	1344	184	2 5/8"	1 5/8"				
CAV-0609	CAV-0612	CAV-0615	672	96	2 1/8"	1 3/8"				
CAV-0610	CAV-0613	CAV-0616	1005	143	2 5/8"	1 5/8"				
CAV-0611	CAV-0614	CAV-0617	1344	184	2 5/8"	1 5/8"				
CAV-0800	CAV-0803	CAV-0806	896	4	8	5128 x 2262 x 2075	1600			
CAV-0801	CAV-0804	CAV-0807	1340					182	2 5/8"	1 5/8"
CAV-0802	CAV-0805	CAV-0808	1792					236	2 5/8"	1 5/8"
CAV-0809	CAV-0812	CAV-0815	896					128	2 5/8"	1 5/8"
CAV-0810	CAV-0813	CAV-0816	1340					182	2 5/8"	1 5/8"
CAV-0811	CAV-0814	CAV-0817	1792					236	2 5/8"	1 5/8"
CAV-1000	CAV-1003	CAV-1006	1120					5	10	6328 x 2262 x 2075
CAV-1001	CAV-1004	CAV-1007	1675	230	3"	2 1/8"				
CAV-1002	CAV-1005	CAV-1008	2240	293	3"	2 1/8"				
CAV-1009	CAV-1012	CAV-1015	1120	154	2 5/8"	1 5/8"				
CAV-1010	CAV-1013	CAV-1016	1675	230	3"	2 1/8"				
CAV-1011	CAV-1014	CAV-1017	2240	293	3"	2 1/8"				
CAV-1200	CAV-1203	CAV-1206	1344	6	12	7528 x 2262 x 2075	2400			
CAV-1201	CAV-1204	CAV-1207	2010					269	3"	2 1/8"
CAV-1202	CAV-1205	CAV-1208	2688					349	3"	2 1/8"
CAV-1209	CAV-1212	CAV-1215	1344					190	3"	2 1/8"
CAV-1210	CAV-1213	CAV-1216	2010					269	3"	2 1/8"
CAV-1211	CAV-1214	CAV-1217	2688					349	3"	2 1/8"



### 6 poles / 6 polos

MODEL	SPEED	POWER
MODELO	VELOCIDAD	POTENCIA
	rpm	kW / Total
CAV-0400	880	7,81
CAV-0401		
CAV-0402		
CAV-0409	660	5,04
CAV-0410		
CAV-0411		
CAV-0600	880	11,72
CAV-0601		
CAV-0602		
CAV-0609	660	7,56
CAV-0610		
CAV-0611		
CAV-0800	880	15,62
CAV-0801		
CAV-0802		
CAV-0809	660	10,08
CAV-0810		
CAV-0811		
CAV-1000	880	19,53
CAV-1001		
CAV-1002		
CAV-1009	660	12,60
CAV-1010		
CAV-1011		
CAV-1200	880	23,43
CAV-1201		
CAV-1202		
CAV-1209	660	15,12
CAV-1210		
CAV-1211		

### 8 poles / 8 polos

MODEL	SPEED	POWER
MODELO	VELOCIDAD	POTENCIA
	rpm	kW / Total
CAV-0403	680	4,20
CAV-0404		
CAV-0405		
CAV-0412	530	3,08
CAV-0413		
CAV-0414		
CAV-0603	680	6,03
CAV-0604		
CAV-0605		
CAV-0612	530	4,62
CAV-0613		
CAV-0614		
CAV-0803	680	8,40
CAV-0804		
CAV-0805		
CAV-0812	530	6,16
CAV-0813		
CAV-0814		
CAV-1003	680	10,50
CAV-1004		
CAV-1005		
CAV-1012	530	7,70
CAV-1013		
CAV-1014		
CAV-1203	680	12,60
CAV-1204		
CAV-1205		
CAV-1212	530	9,24
CAV-1213		
CAV-1214		

### 12 poles / 12 polos

MODEL	SPEED	POWER
MODELO	VELOCIDAD	POTENCIA
	rpm	kW / Total
CAV-0406	440	0,92
CAV-0407		
CAV-0408		
CAV-0415	330	0,44
CAV-0416		
CAV-0417		
CAV-0606	440	1,38
CAV-0607		
CAV-0608		
CAV-0615	330	0,66
CAV-0616		
CAV-0617		
CAV-0806	440	1,84
CAV-0807		
CAV-0808		
CAV-0815	330	0,88
CAV-0816		
CAV-0817		
CAV-1006	440	2,30
CAV-1007		
CAV-1008		
CAV-1015	330	1,10
CAV-1016		
CAV-1017		
CAV-1206	440	2,76
CAV-1207		
CAV-1208		
CAV-1215	330	1,32
CAV-1216		
CAV-1217		



## Dimensions / Dimensiones

