



## Air Cooled Exchangers With Aluminium Cooling Elements

### VERSACOOOL COMPACT AC FAN HEAT EXCHANGERS

# New !!

## Versacool Compact Range

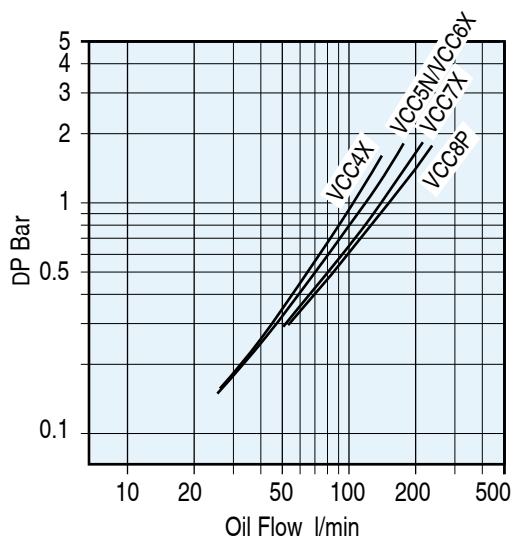
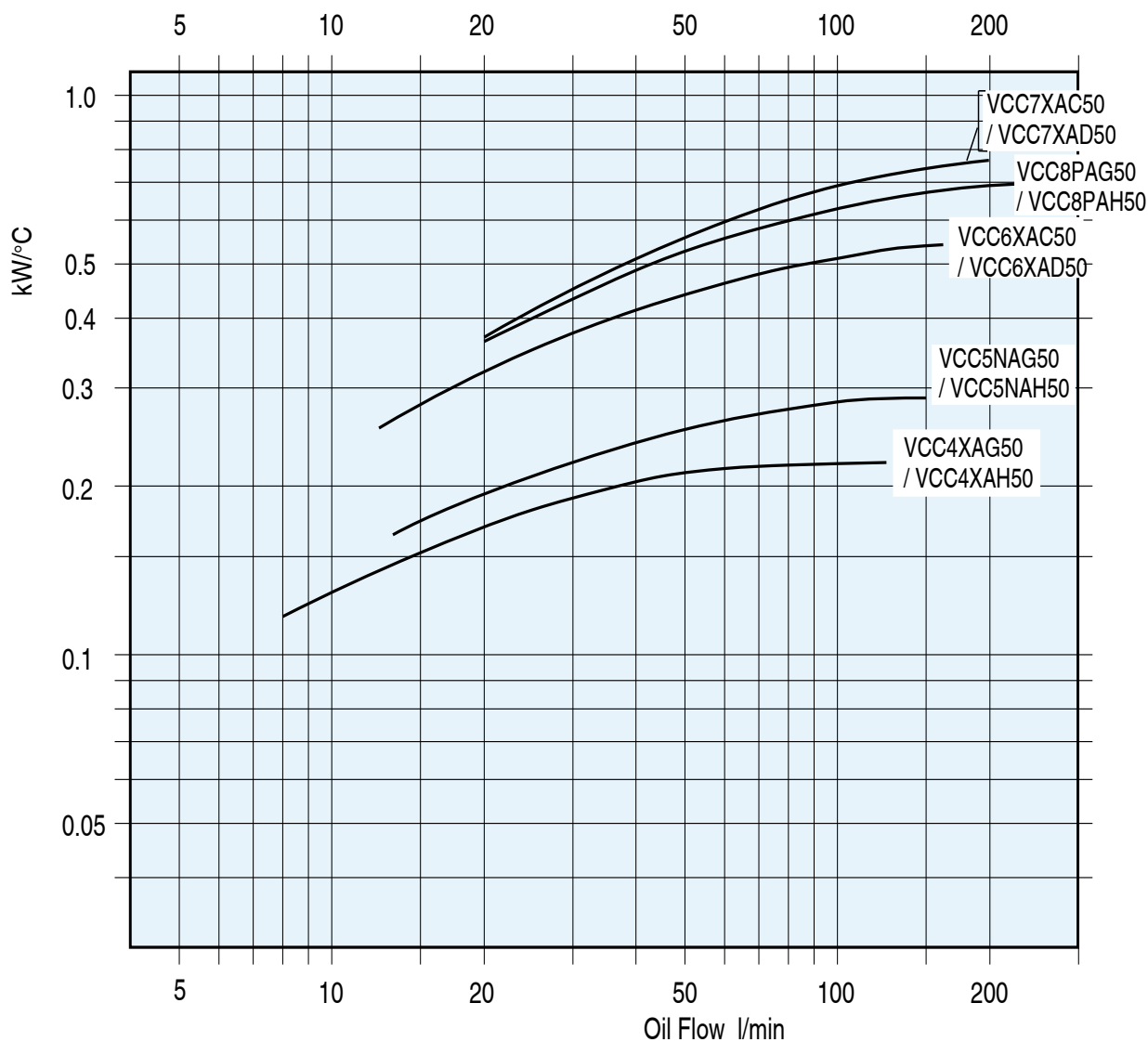
- Compact depth allows use in situations such as power packs & mobile equipment where space is limited.
- Uses the same cooling elements as our standard range VCL models
- Universal top and bottom mount makes vertical, horizontal or inverted mounting easy. Accessory mounting feet (page 56) are available.
- Versacool Compact Fan models in single phase 240V or 3 phase 415V 50Hz IP54.

### General Construction

- Cooling Elements. Aluminium furnace brazed.
- Casing and Structure. Steel (zinc seal) polyester powder coated.
- Compact fan & integral motor with coated steel fan guards on all models.
- Fastenings. Zinc plated.



MODEL/ Part Number	Fan Ø (mm)	Volts	Phase	Watts	Poles	Weight (kg)
VCC4XAG50	300	415	3	90	4	13
VCC4XAH50	300	240	1	90	4	13
VCC5NAG50	350	415	3	140	4	18
VCC5NAH50	350	240	1	140	4	18
VCC6XAC50	450	415	3	150	4	24
VCC6XAD50	450	240	1	150	4	24
VCC7XAC50	450	415	3	150	4	28
VCC7XAD50	450	240	1	150	4	28
VCC8PAG50	2 x 350	415	3	2 x 140	4	45
VCC8PAH50	2 x 350	240	1	2 x 140	4	45



**OIL COOLER SIZING**

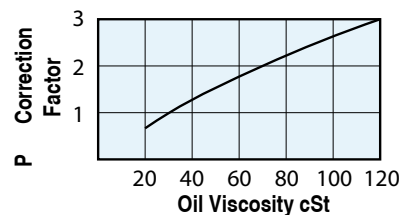
**Step 1.** Calculate  $ETD = T_{oil} - T_{air}$   
 $T_{oil}$  = Temp °C of oil entering the cooler (usually the same as max. allowable oil temp.)  $T_{air}$  = Expected Ambient Air Temp °C.

**Step 2.** Calculate  $kW/°C ETD = \frac{kW}{ETD}$  kW = Heat Load.

**Step 3.** Enter Cooler Performance Tables and select a cooler which meets or exceeds the required performance at the required oil flow rate.

**Step 4.** Check pressure drop of the oil cooler selected in step 3. If the average oil viscosity is not 30 cSt apply a correction for the expected viscosity.

Computer model selection program available.

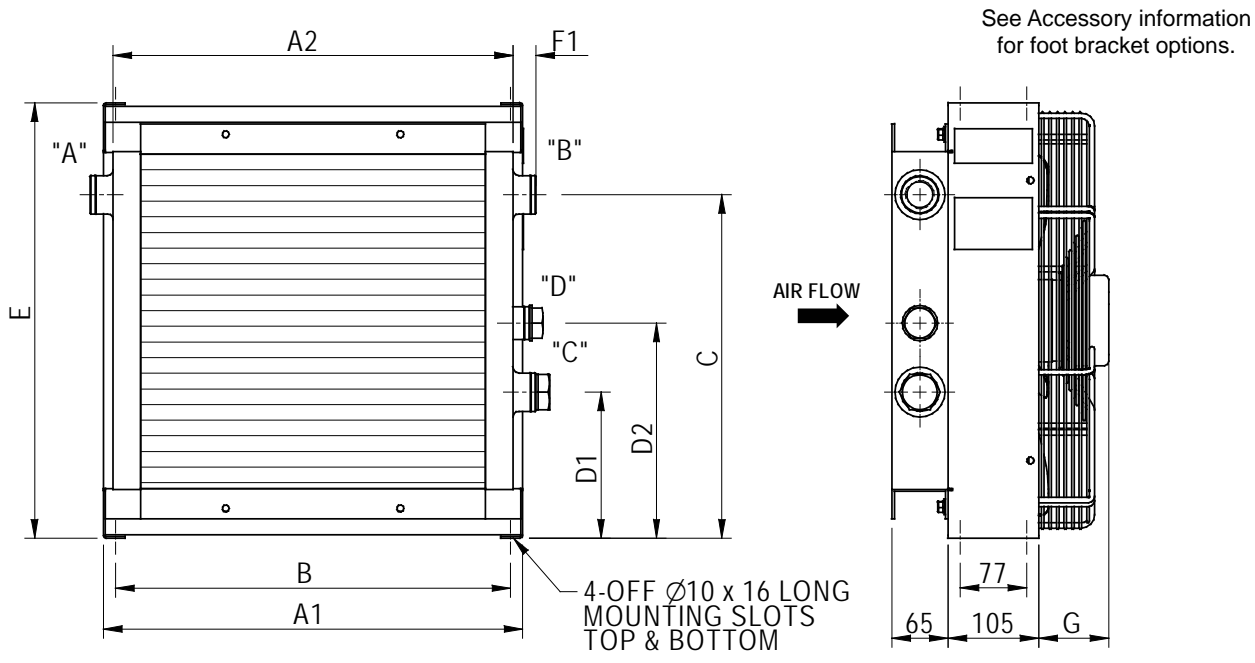




## Air Cooled Exchangers With Aluminium Cooling Elements

### DIMENSIONS-VERSACOOL COMPACT AC FAN HEAT EXCHANGERS

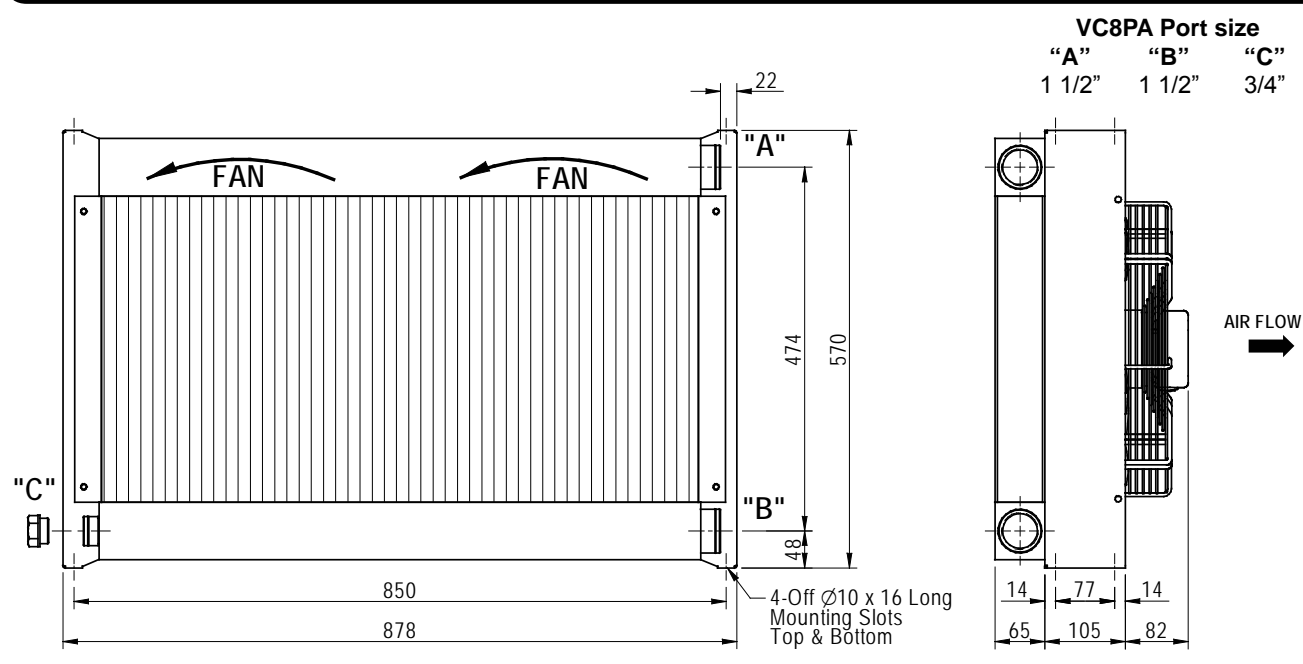
#### MODEL VCC4XA, VCC5NA, VCC6XA & VCC7XA



Model	A1	A2	B	C	D1	D2	E	F1	G	Liq Vol L	"A"	"B"	"C"	"D"
VCC4XA	340	330	312	259	99	179	360	22	80	1.2	1"	1"	1"	3/4"#
VCC5NA	440	400	412	335	107	187	440	22	84	1.8	1"	1"	1"	3/4"
VCC6XA	485	468	457	398	170	250	505	22	81	2.2	1"	1"	1"	3/4"
VCC7XA	567	545	539	477	172	-	584	22	81	2.5	1 1/4"	1 1/4"	3/4"	-

All ports BSPP to ISO 228/1G

#### MODEL VCC8PA - ELEMENTS MAX OPERATING PRESSURE 30 BAR - TWIN FAN MODEL



See Accessory information for foot bracket options. All ports BSPP to ISO 228/1G

All dimensions in mm unless noted otherwise 0-50 are ± 1. 50-1500 are ± 3.