

Rittal – The System.

Faster – better – everywhere.

► Kurver og diagrammer – Klimateknik



ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



Rittal – The System.

Faster – better – everywhere.



INDKAPSLING

STRØMFORDELING

KLIMATEKNIK

FRIEDHELM LOH GROUP

Kurver og diagrammer

Luftkøling

TopTherm filterventilatorer og TopTherm filterventilatorer EMC	
Luftkapacitet 20/25 – 900 m ³ /h	4 – 7
TopTherm filterventilatorer med EC-teknologi	
Luftkapacitet 55 – 900 m ³ /h	8 – 9
TopTherm topmonterede ventilatorer	
Luftkapacitet 400 – 800 m ³ /h	10
Topmonterede ventilatorer, topventilation	
Luftkapacitet 360 m ³ /h	10
Indstiksventilatorer til 482,6 mm (19")	
Luftkapacitet 320/480 m ³ /h	11
Trykventilatorer	
Luftkapacitet 320 m ³ /h	11
Luft-/luftvarmevekslere TopTherm	
Specifik varmeeffekt 17,5 – 90 W/K	12

Køleenheder

Termoelektriske kølere	
Samlet køleeffekt 100 W	13
Vertikalmonterede køleenheder TopTherm Blue e	
Effektklasse 300 – 2500 W (115/230 V, 1~, 400 V, 2~)	13 – 16
Vertikalmonterede køleenheder TopTherm Blue e, flade	
Effektklasse 1500 W (230 V, 1~, 400/460 V, 3~)	17
Vertikalmonterede køleenheder TopTherm Blue e	
Effektklasse 1000 – 4000 W (400/460 V, 3~)	18 – 20
Topmonterede køleenheder TopTherm Blue e	
Effektklasse 500 – 2000 W (115/230 V, 1~, 400 V, 2~)	21 – 23
Topmonterede køleenheder TopTherm Blue e	
Effektklasse 3000 – 4000 W (400/460 V, 3~)	24
Klimamodulkoncept, kølemodul Blue e	
Effektklasse 1500 – 2500 W (230 V, 1~, 400/460 V, 3~)	25 – 26

Væskekøling

Luft-/vandvarmevekslere, vertikalmonterede	
Effektklasse 300 – 7000 W	27 – 36
Luft-/vandvarmevekslere, topmonterede	
Effektklasse 1875 – 4000 W	37 – 40
Liquid Cooling Package	
Effektklasse 10 kW	41
Chillere TopTherm	
Effektklasse 8 – 40 kW	42 – 43

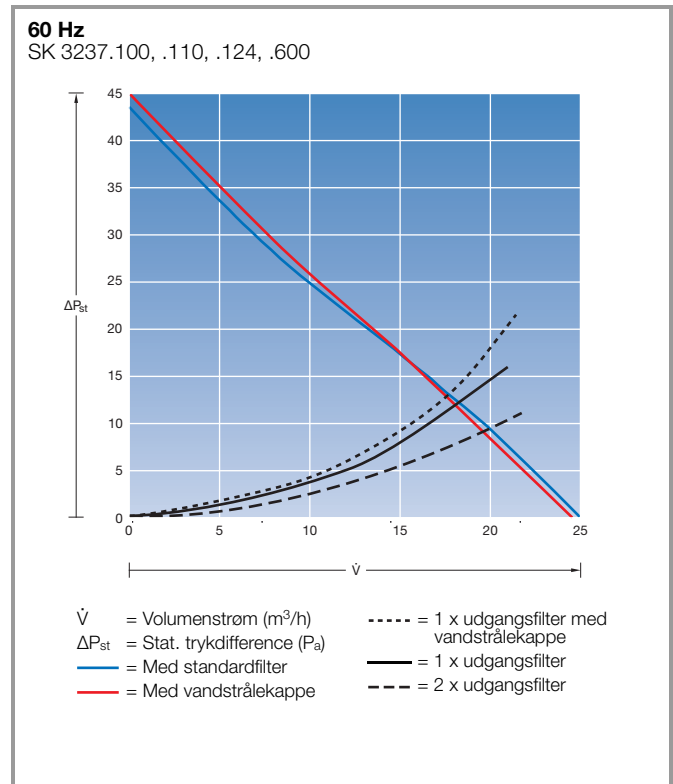
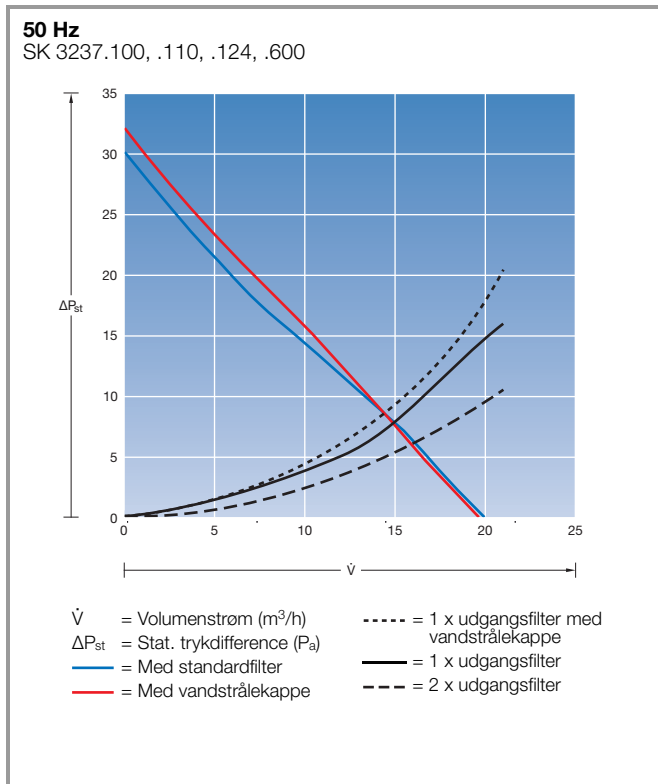
Varmeelementer

Varmeelementer uden ventilator	
Varmeeffekt 8 – 150 W	44
Varmeelementer med ventilator	
Varmeeffekt 250 – 800 W	45

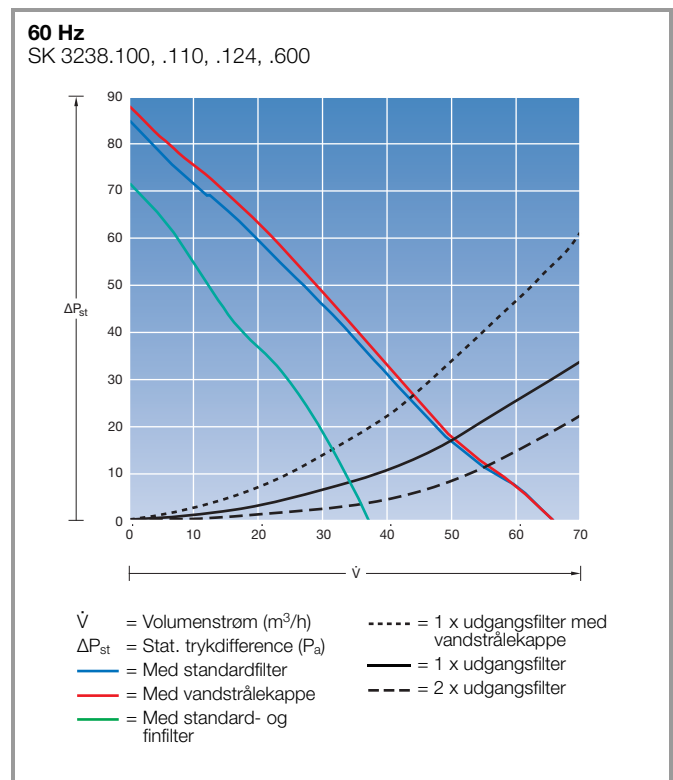
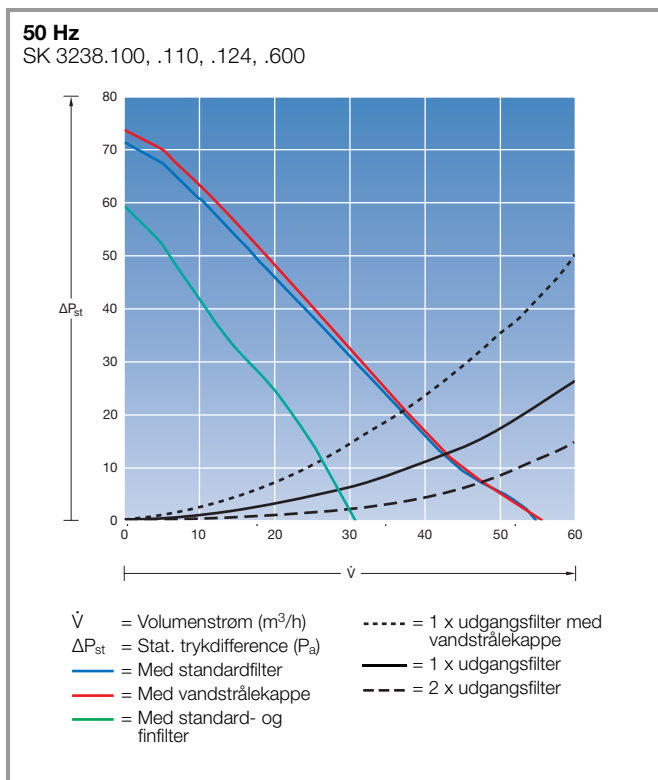


TopTherm filterventilatorer og TopTherm filterventilatorer EMC

Luftkapacitet 20/25 m³/h

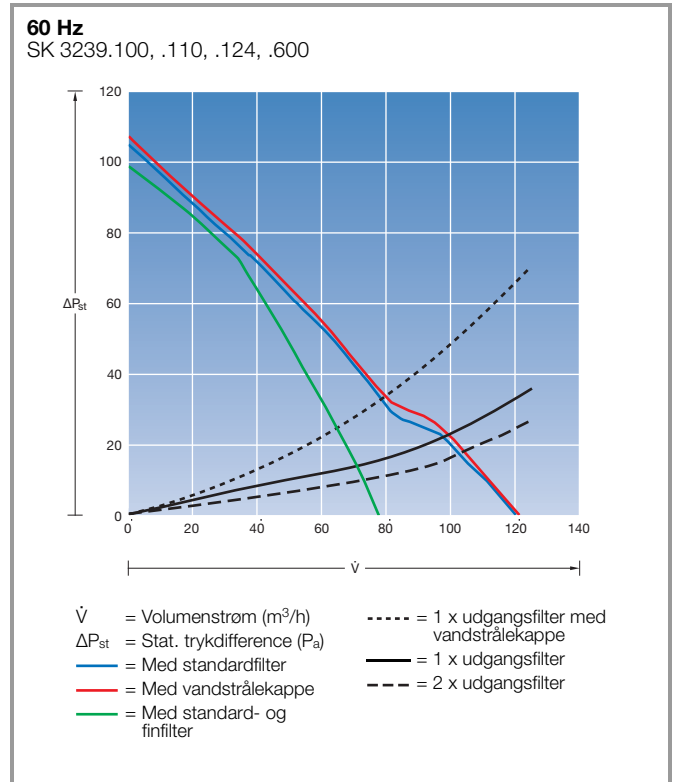
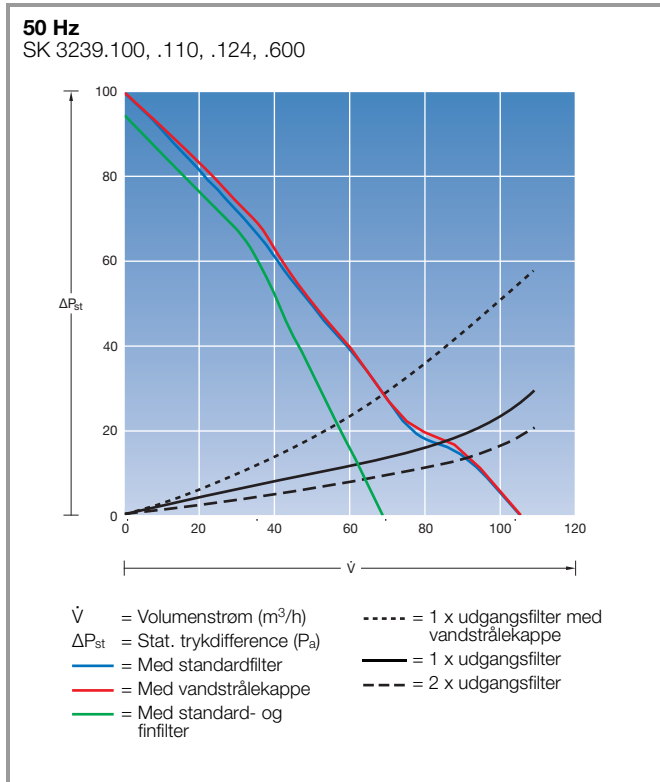


Luftkapacitet 55/66 m³/h

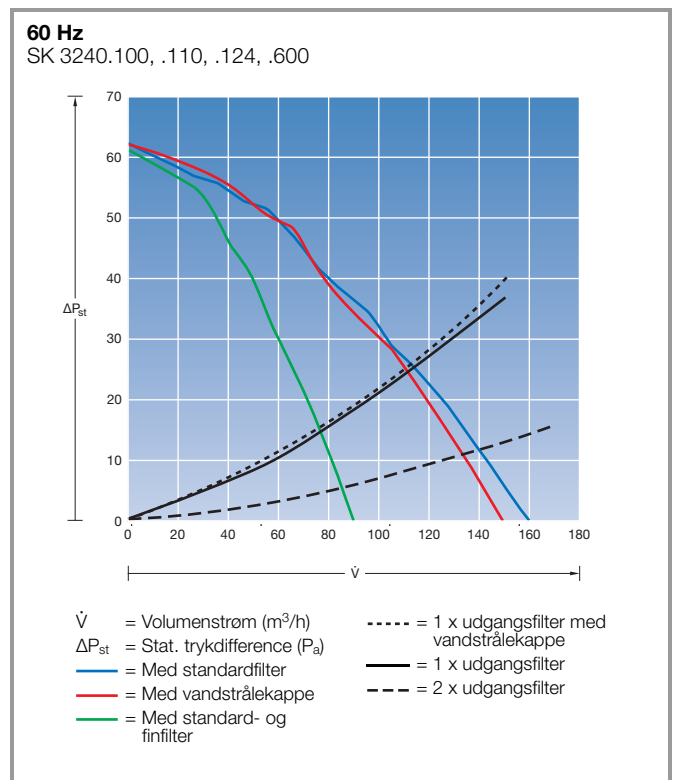
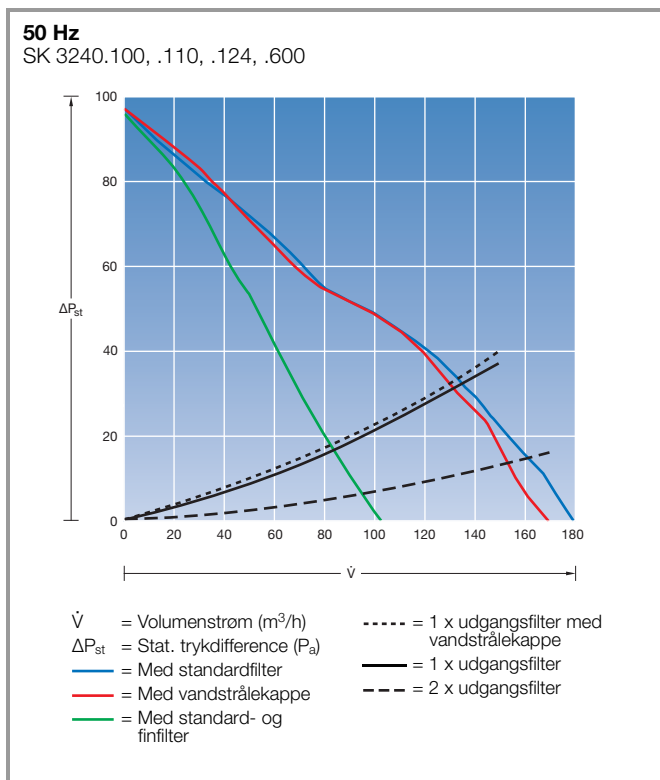


TopTherm filterventilatorer og TopTherm filterventilatorer EMC

Luftkapacitet 105/120 m³/h

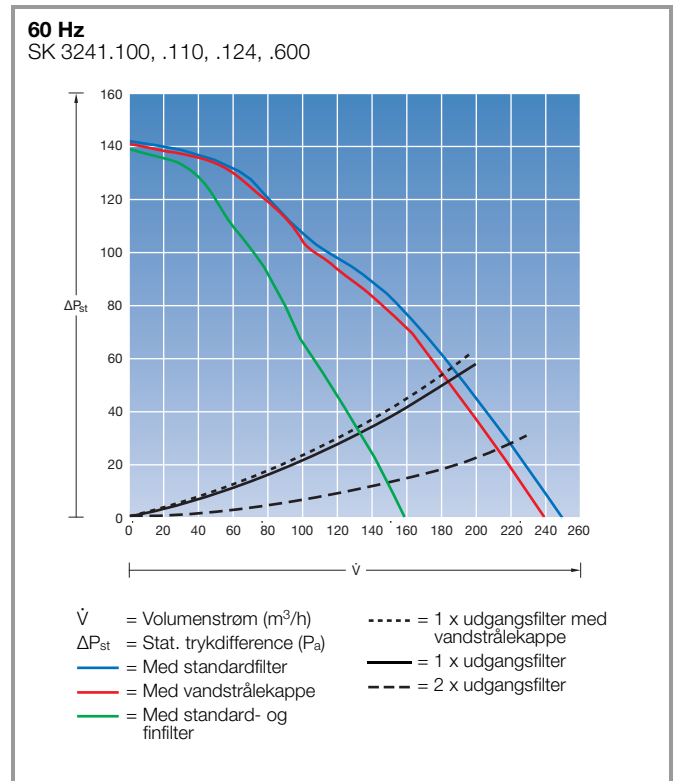
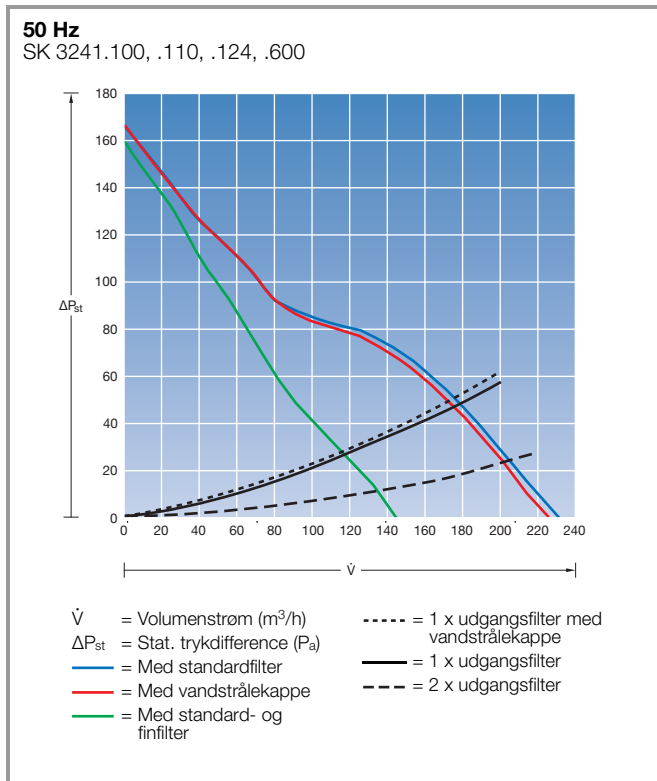


Luftkapacitet 180/160 m³/h

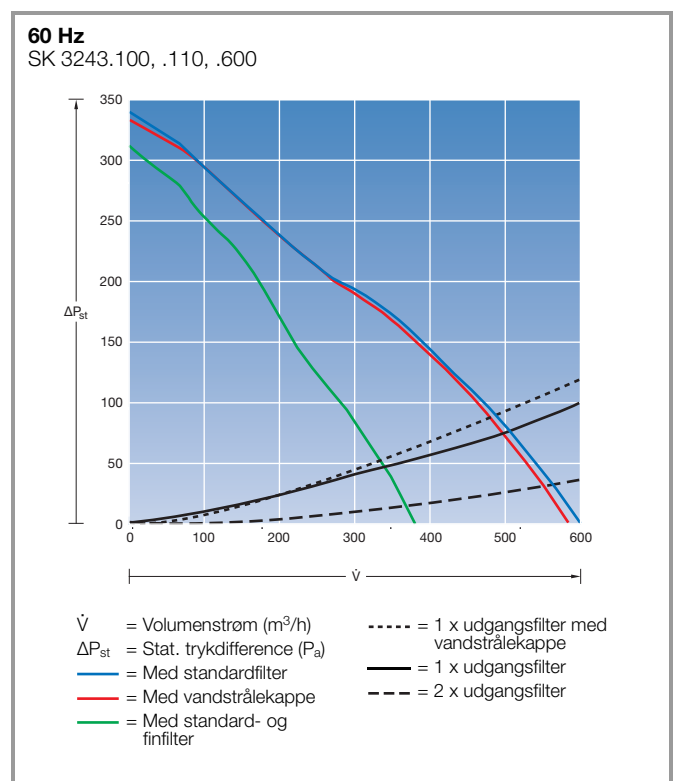
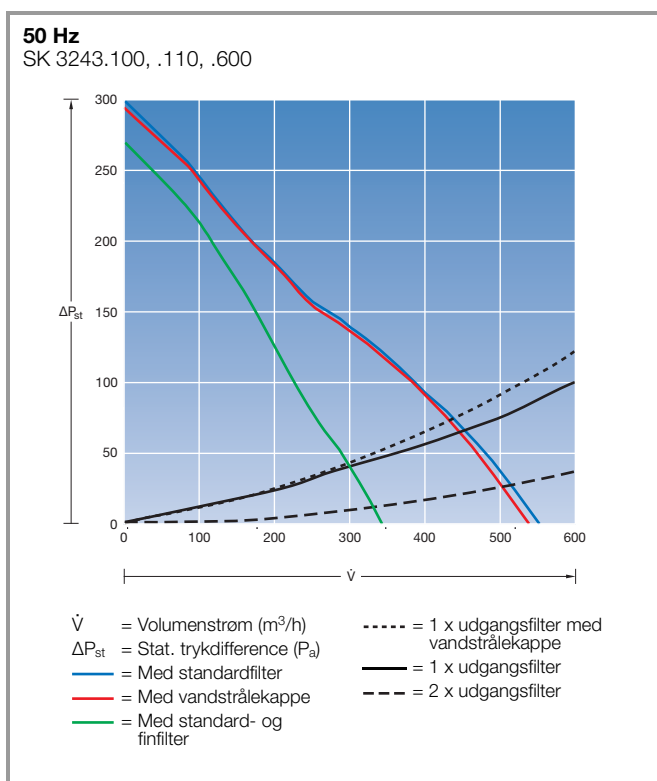


TopTherm filterventilatorer og TopTherm filterventilatorer EMC

Luftkapacitet 230/250 m³/h

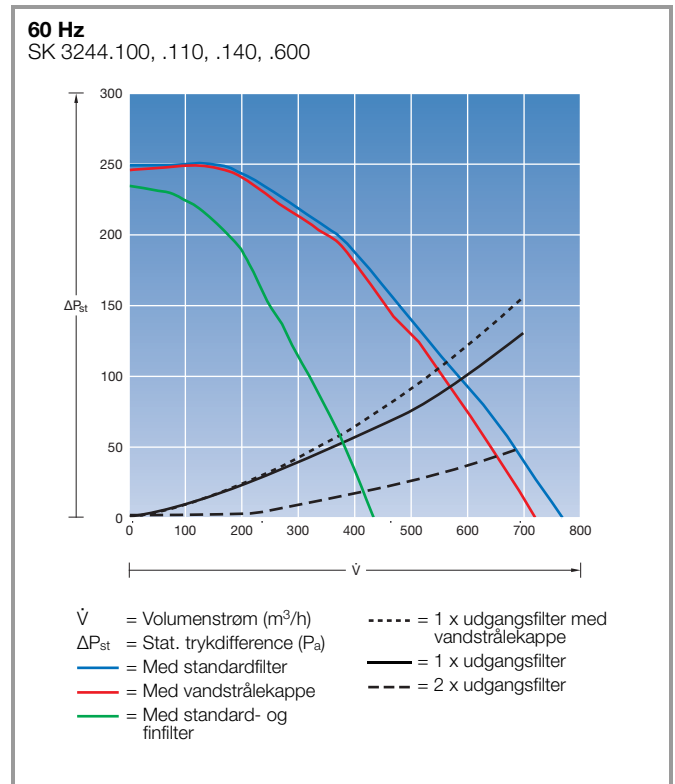
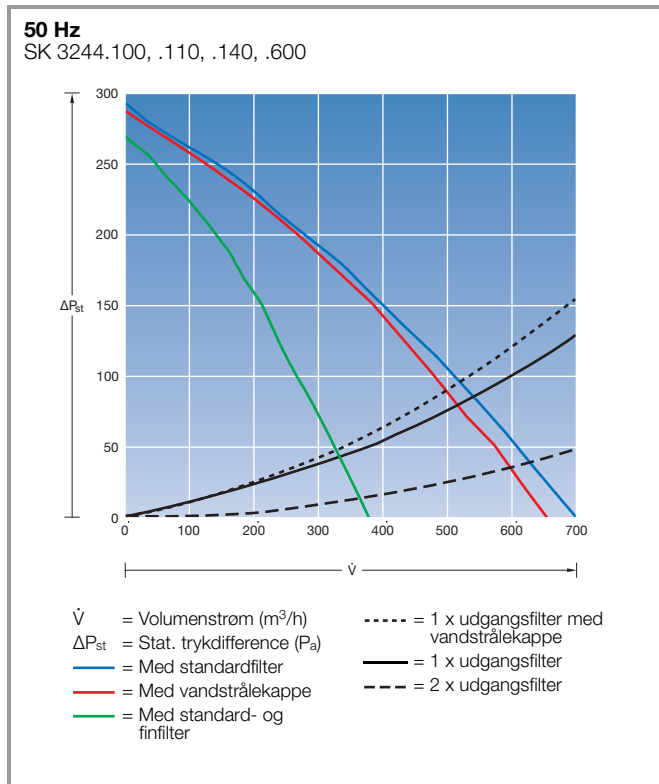


Luftkapacitet 550/600 m³/h

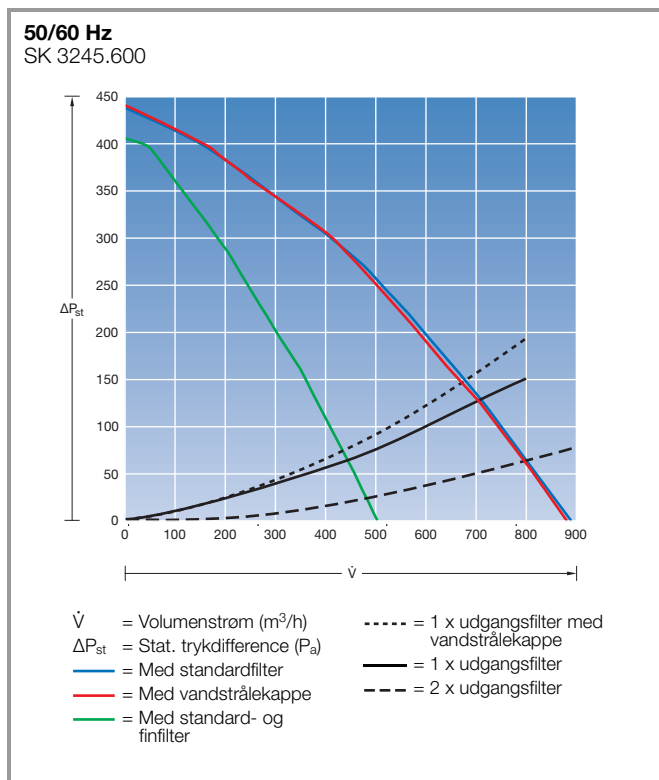


TopTherm filterventilatorer og TopTherm filterventilatorer EMC

Luftkapacitet 700/770 m³/h



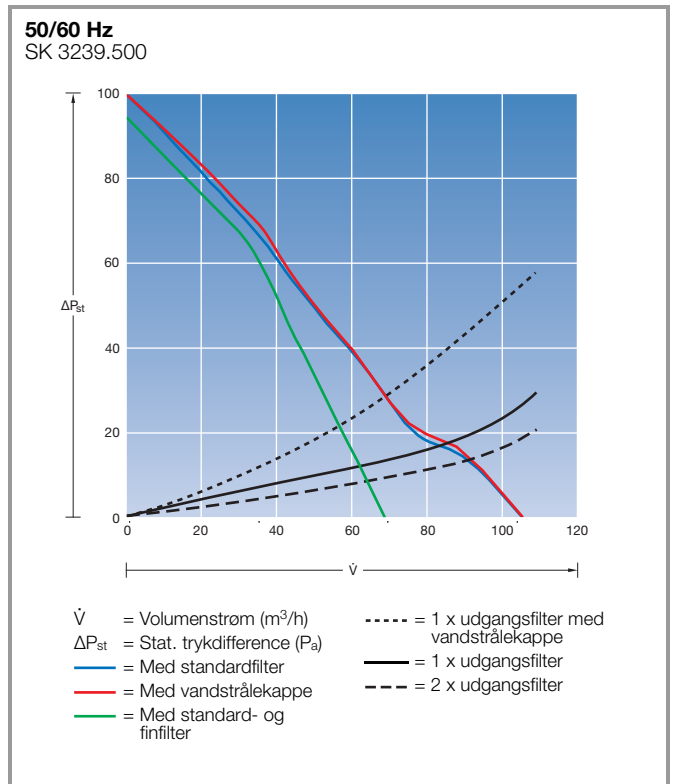
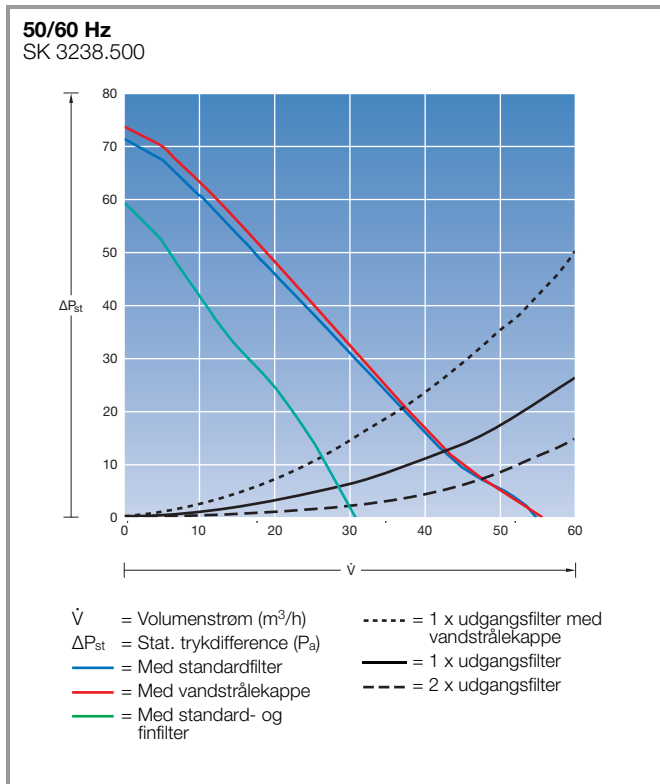
Luftkapacitet 900 m³/h



TopTherm filterventilatorer med EC-teknologi

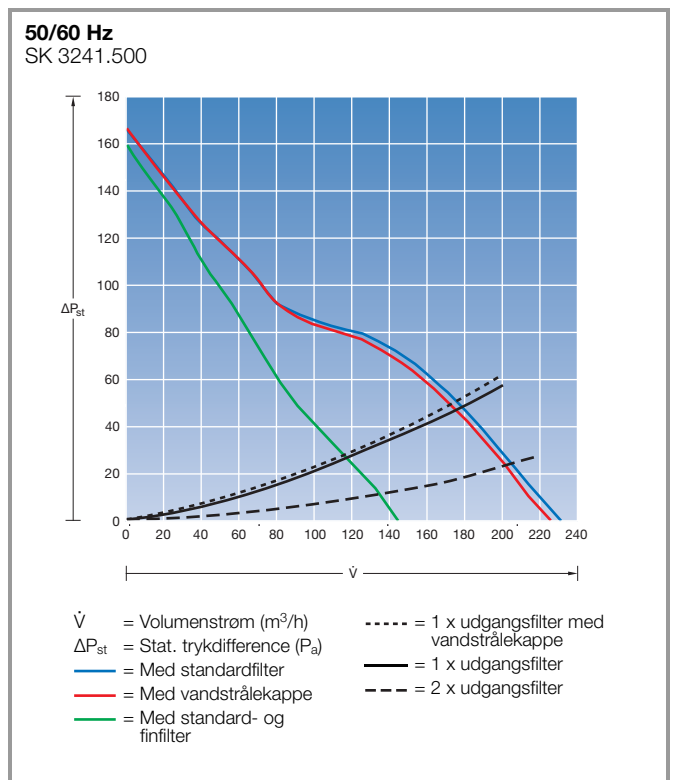
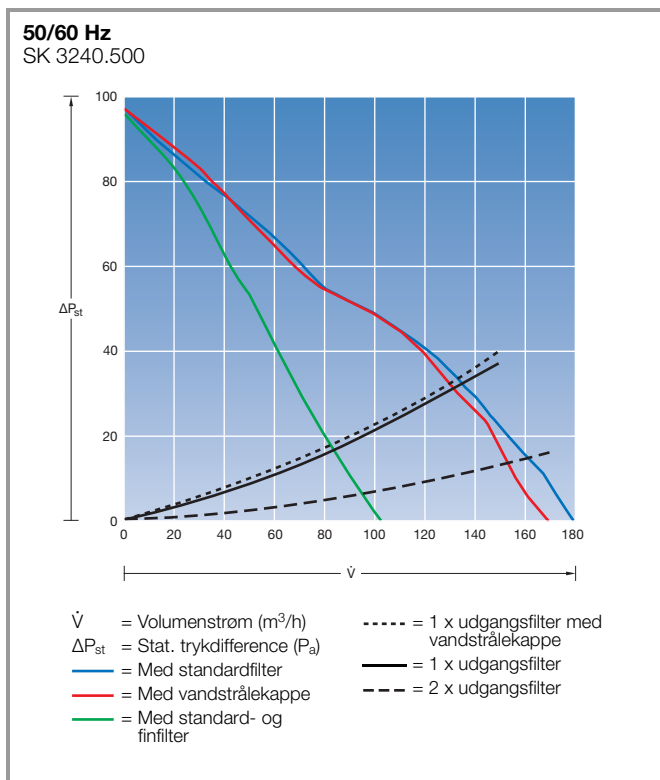
Luftkapacitet 55 m³/h

Luftkapacitet 105 m³/h



Luftkapacitet 180 m³/h

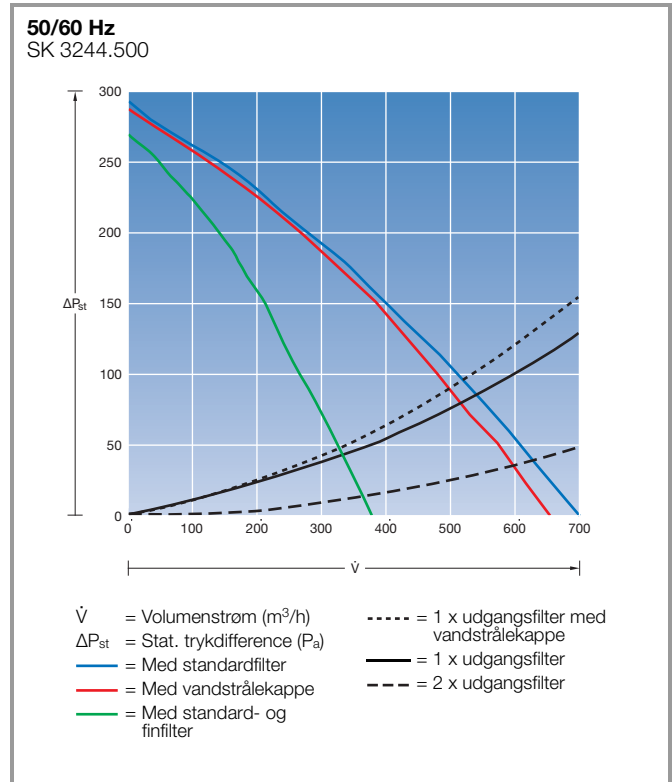
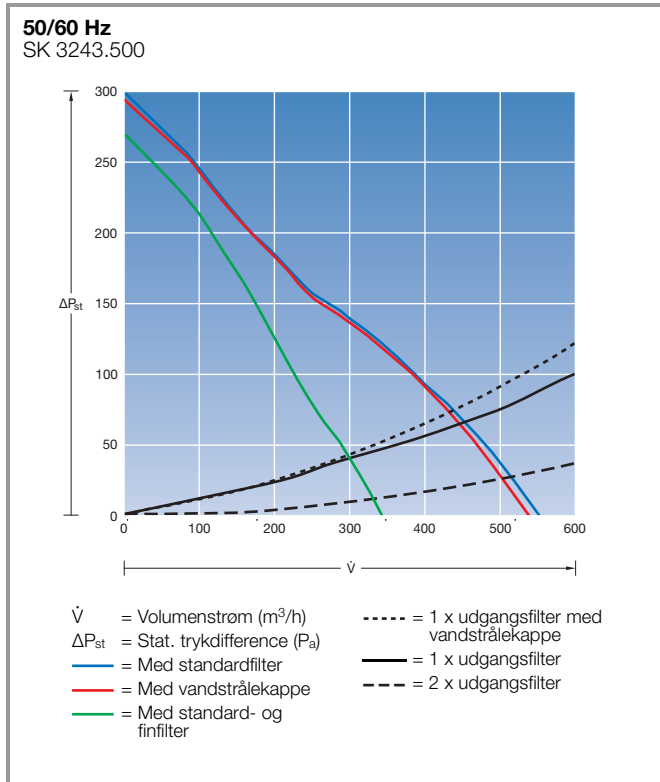
Luftkapacitet 230 m³/h



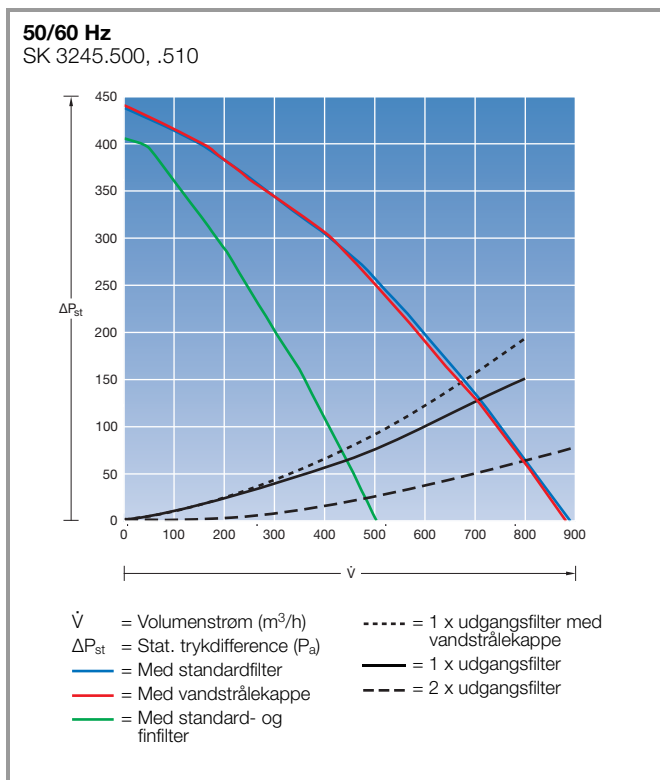
TopTherm filterventilatorer med EC-teknologi

Luftkapacitet 550 m³/h

Luftkapacitet 700 m³/h

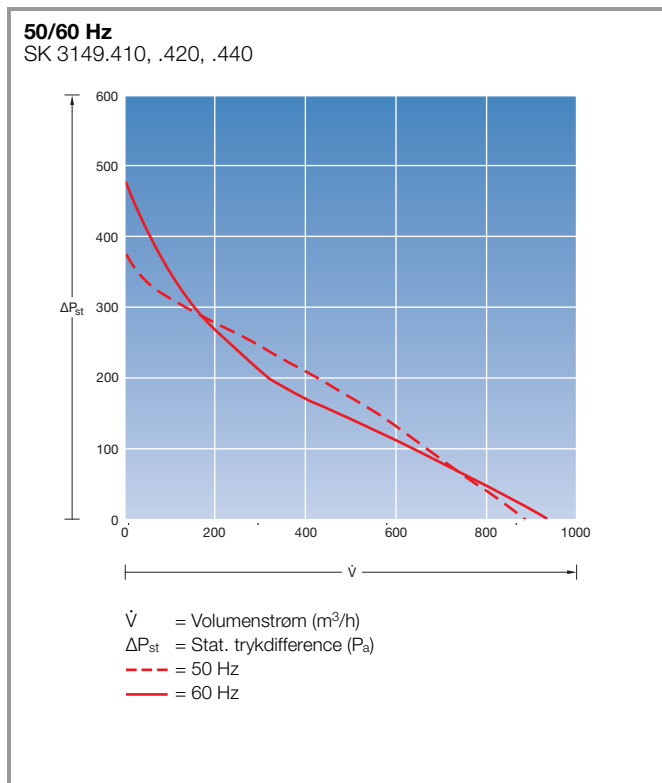


Luftkapacitet 900 m³/h

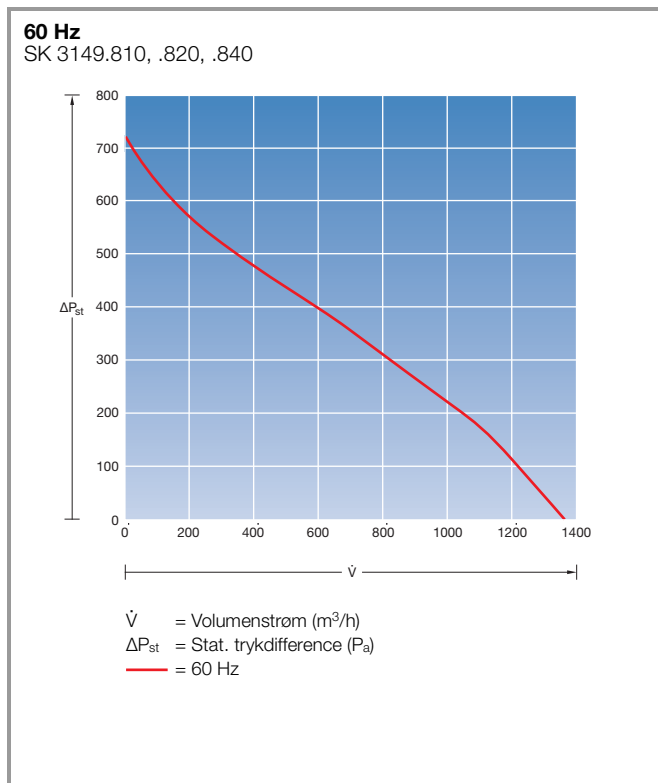


TopTherm topmonterede ventilatorer

Luftkapacitet 400 m³/h

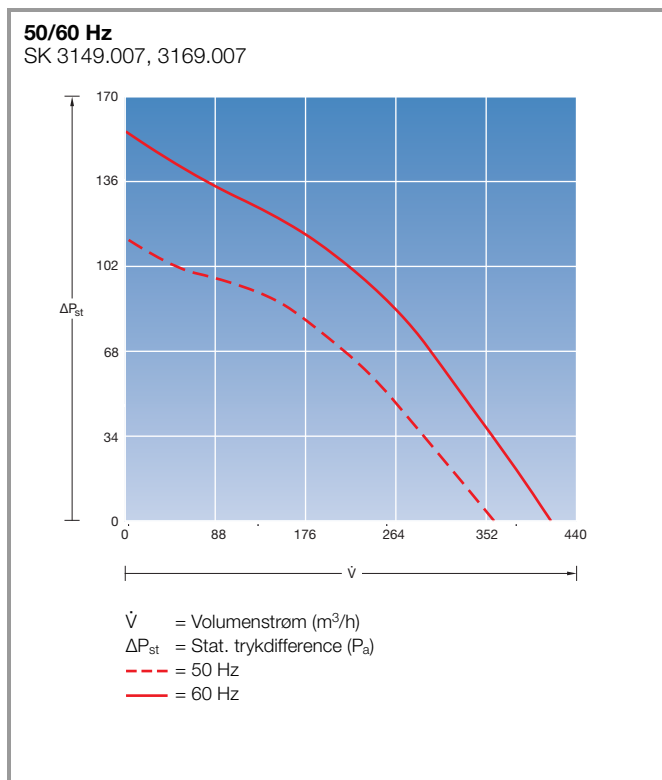


Luftkapacitet 800 m³/h



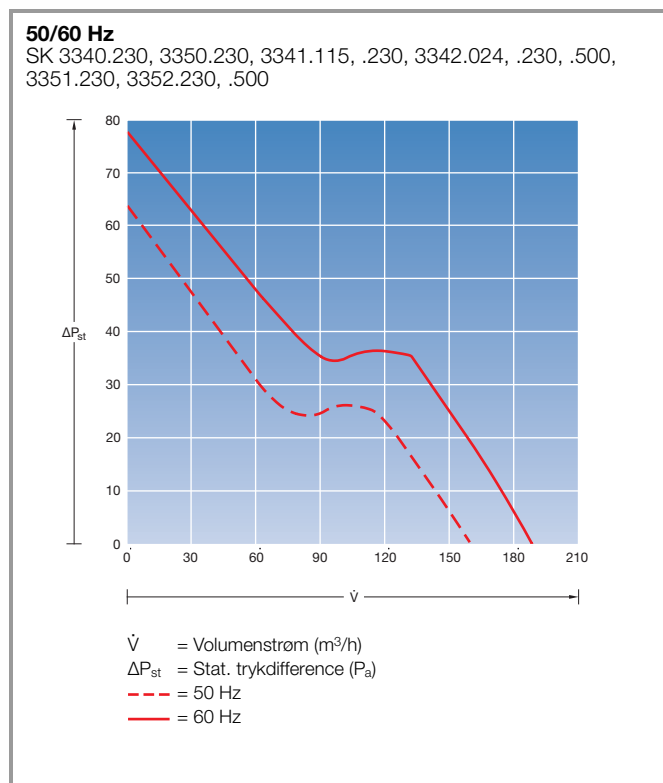
Topmonterede ventilatorer, topventilation

Luftkapacitet 360 m³/h



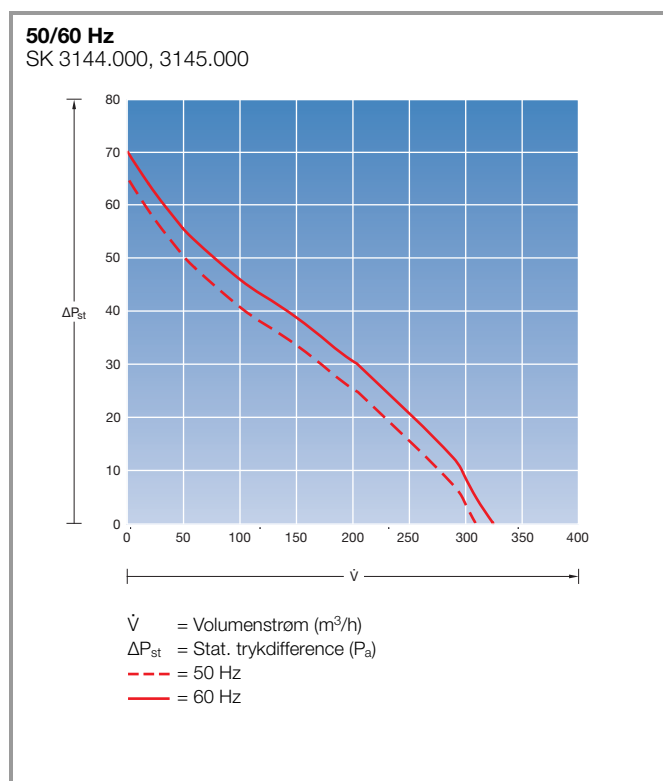
Indstiksventilatorer til 482,6 mm (19")

Luftkapacitet 320/480 m³/h



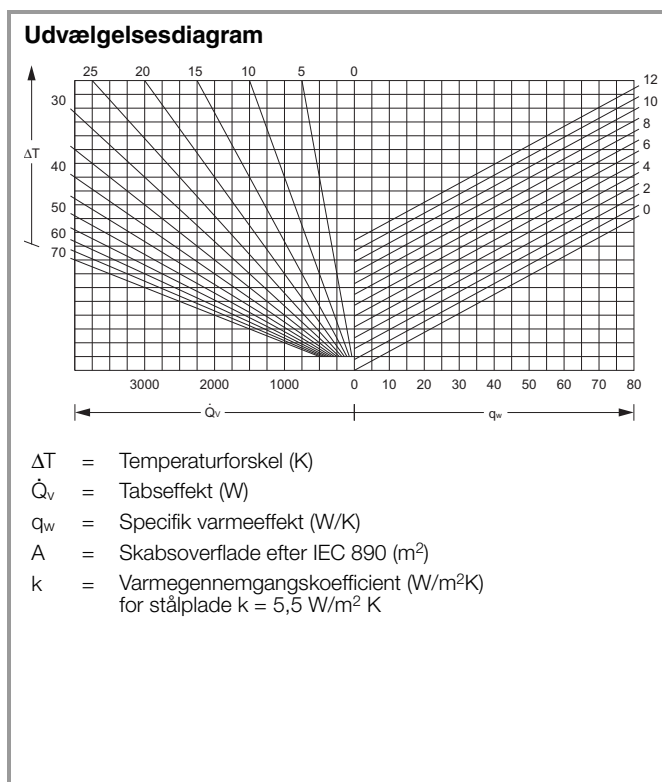
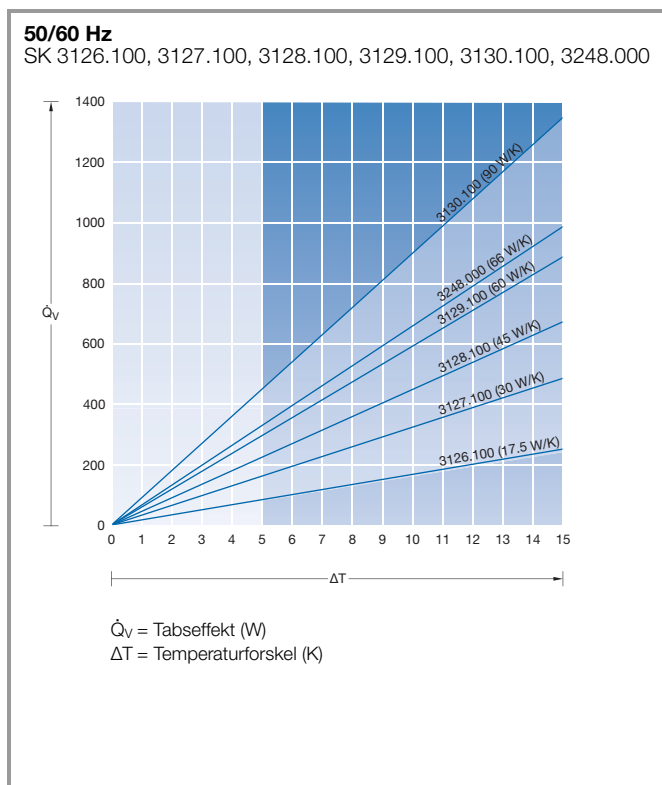
Trykventilatorer til 482,6 mm (19")

Luftkapacitet 320 m³/h



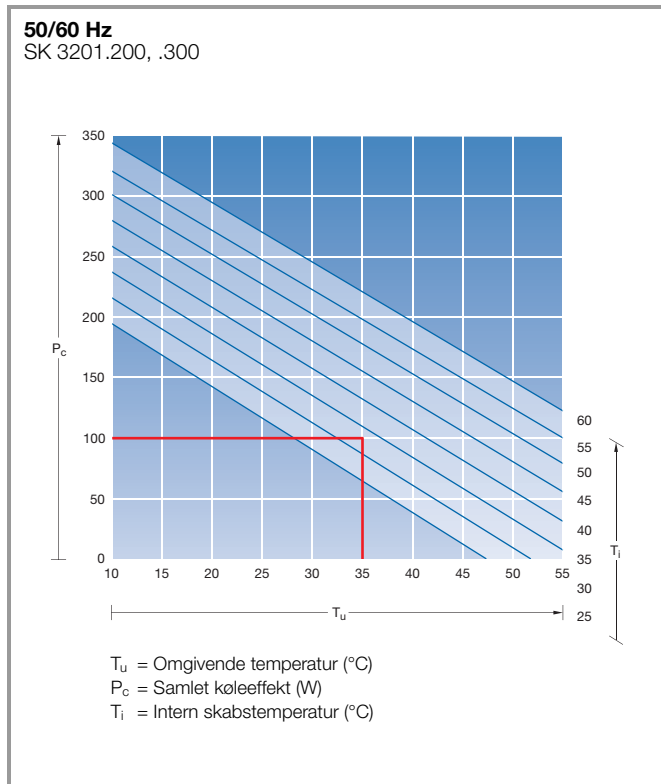
Luft-/luftvarmevekslere TopTherm

Specifik varmeeffekt 17,5 – 90 W/K, vertikalmonteret med regulering

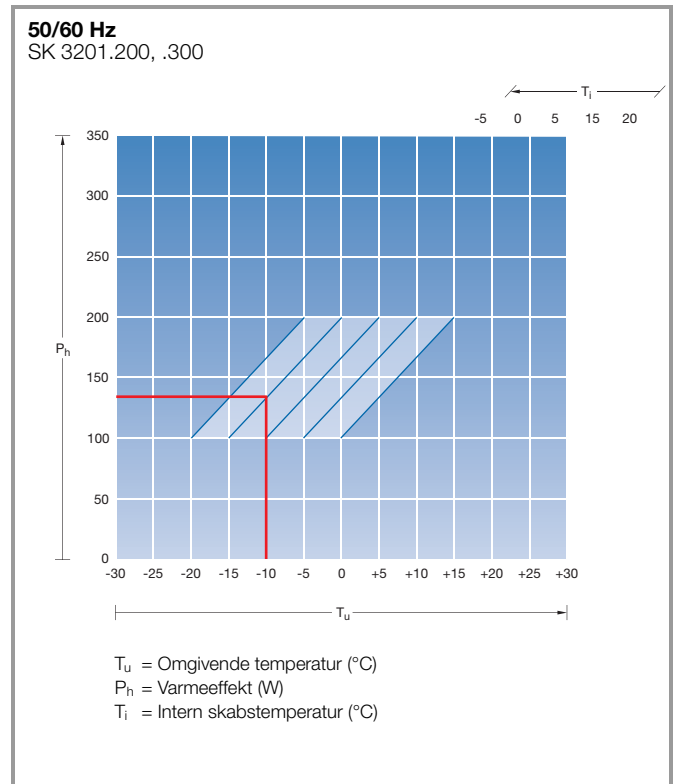


Termoelektriske kølere

Køleeffekt

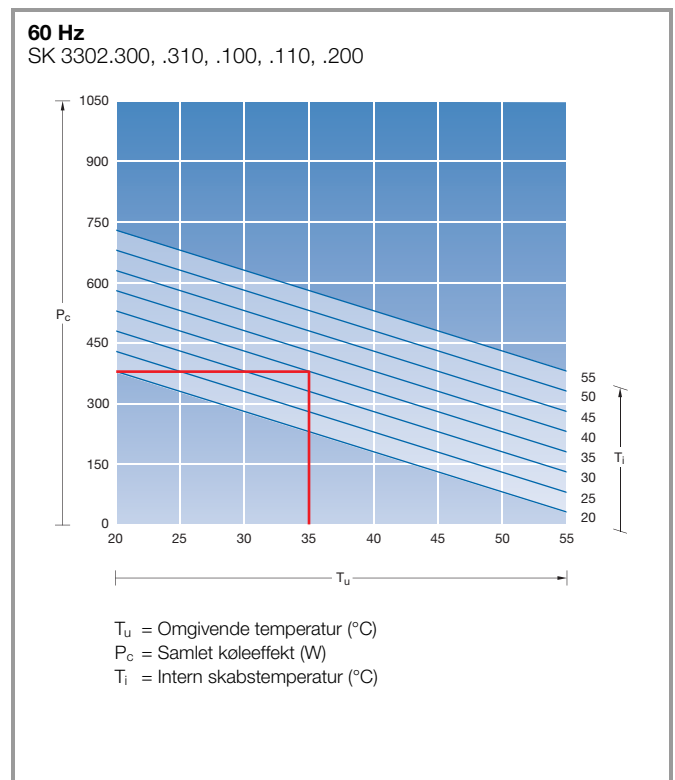
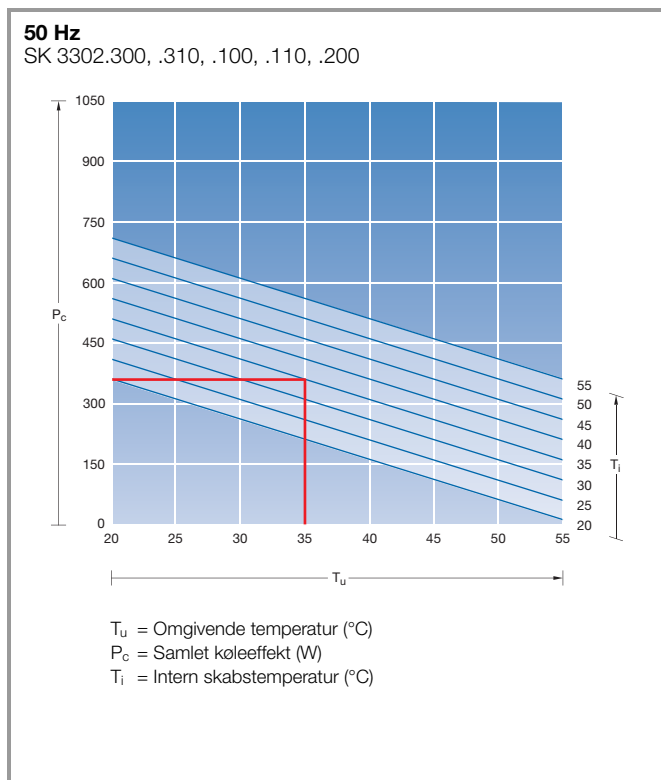


Varmeeffekt



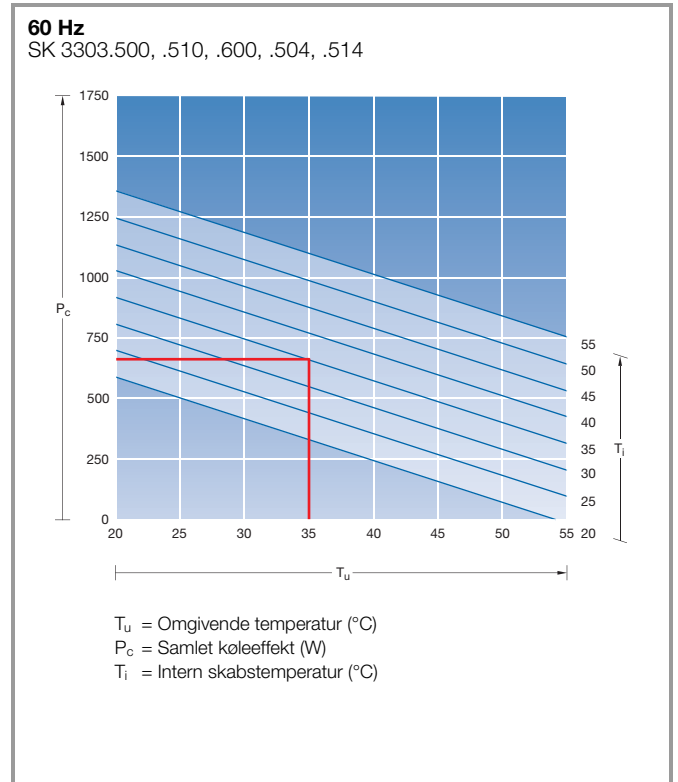
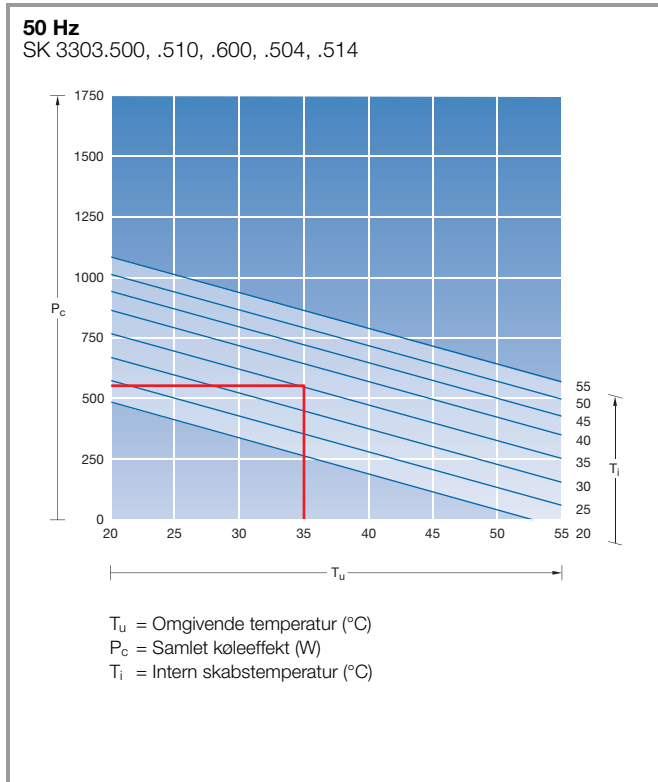
Vertikalmonterede køleenheder TopTherm

Effektklasse 300 W (115/230 V, 1~)

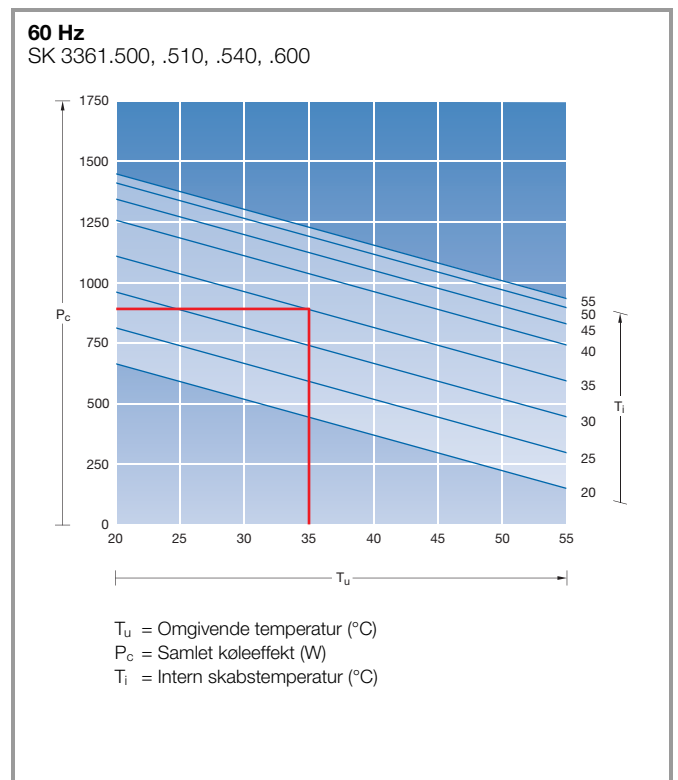
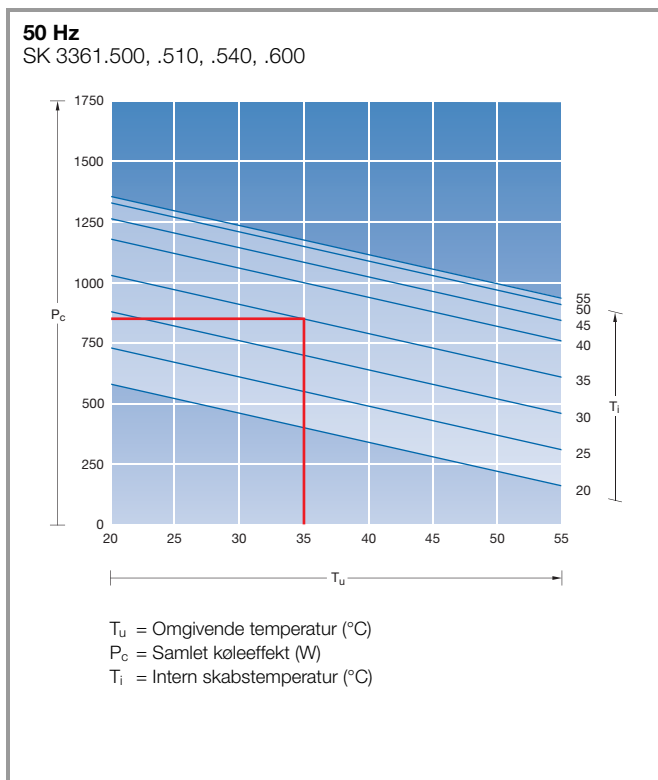


Vertikalmonterede køleenheder TopTherm Blue e

Effektklasse 500 W (115/230 V, 1~)

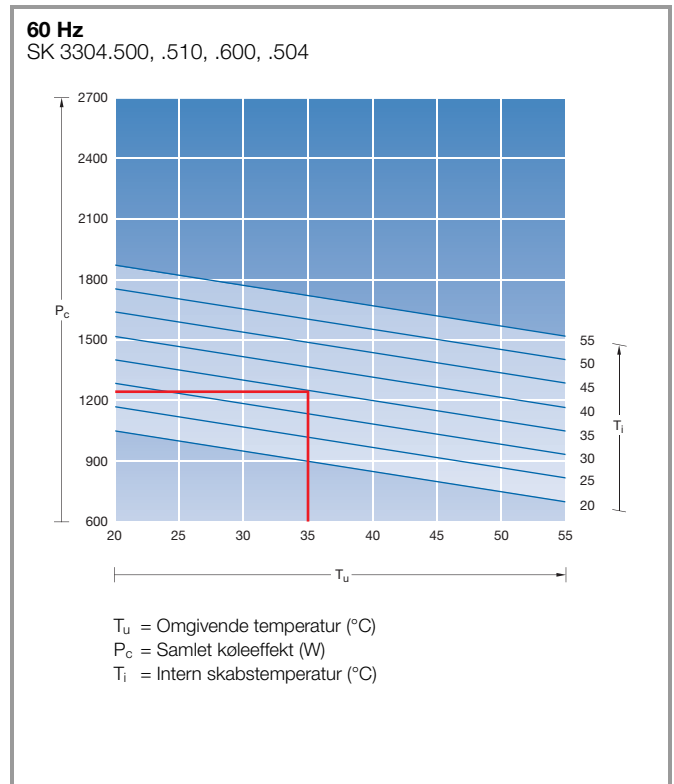
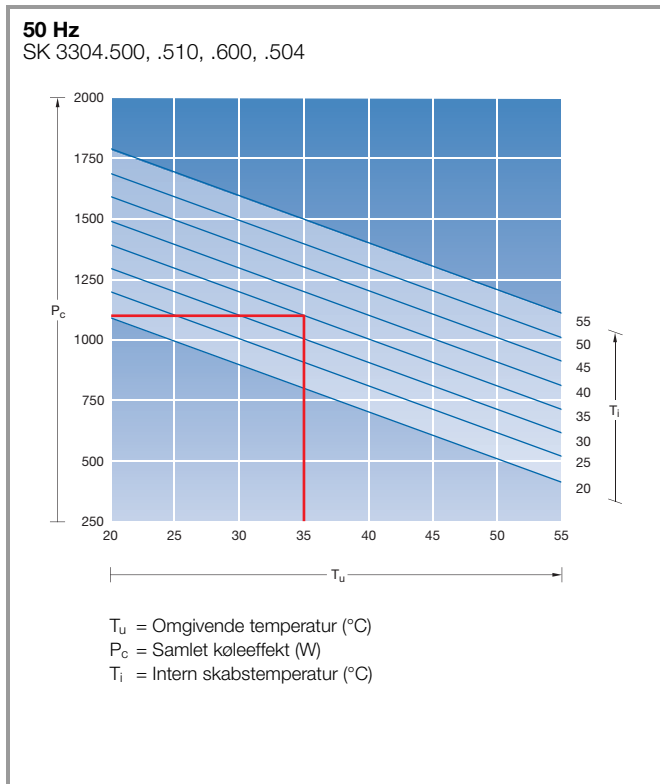


Effektklasse 750 W (115/230 V, 1~, 400 V, 2~)

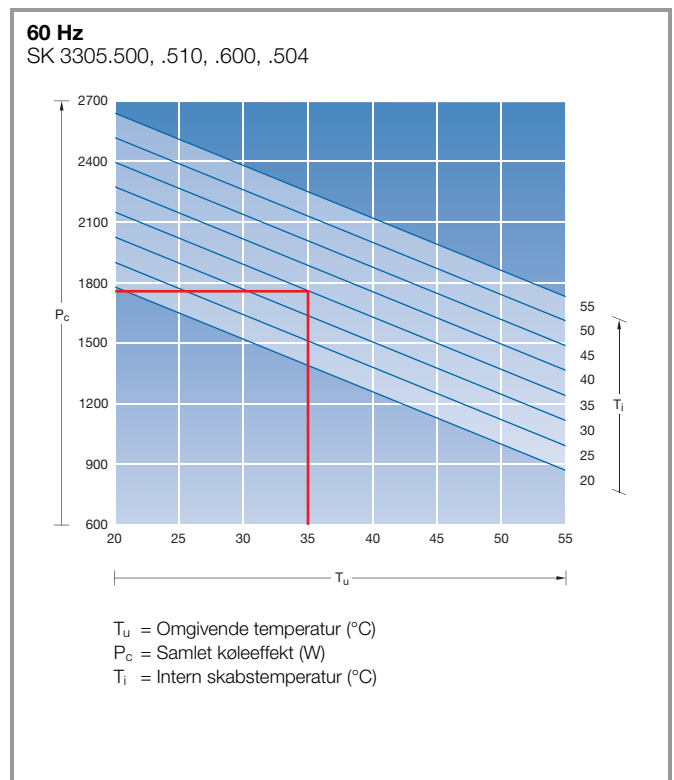
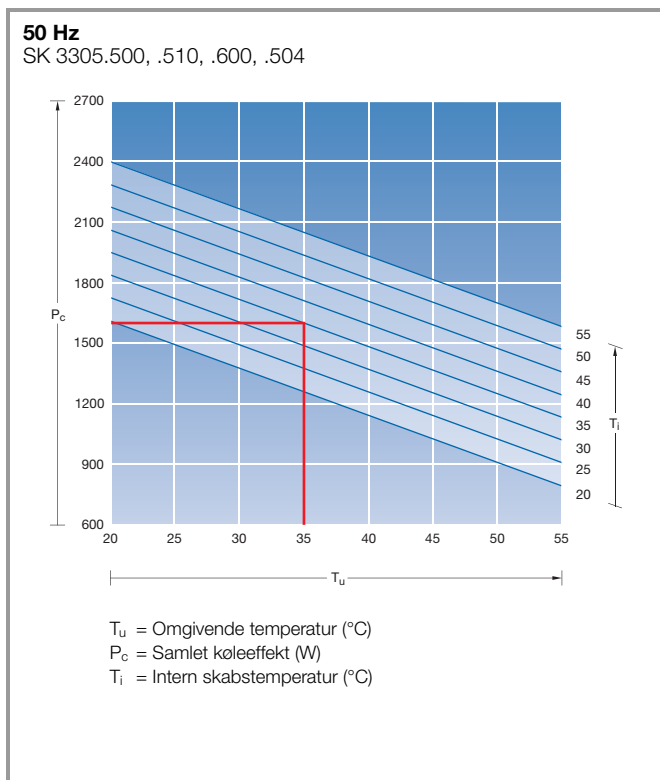


Vertikalmonterede køleenheder TopTherm Blue e

Effektklasse 1000 W (115/230 V, 1~)

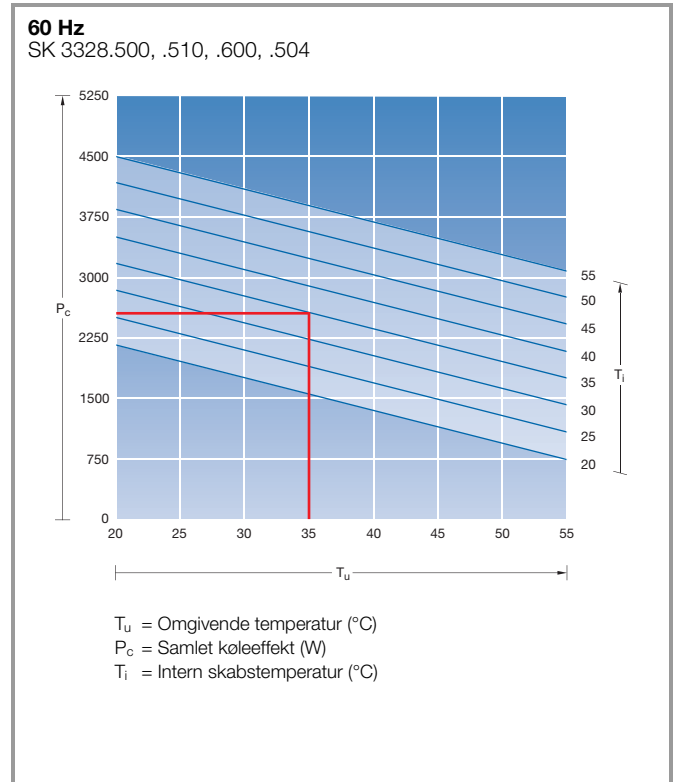
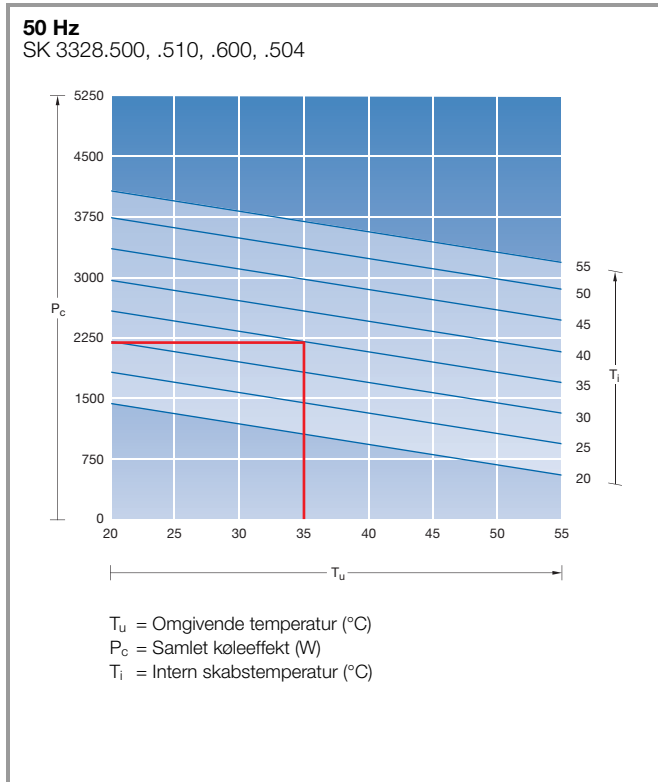


Effektklasse 1500 W (115/230 V, 1~)

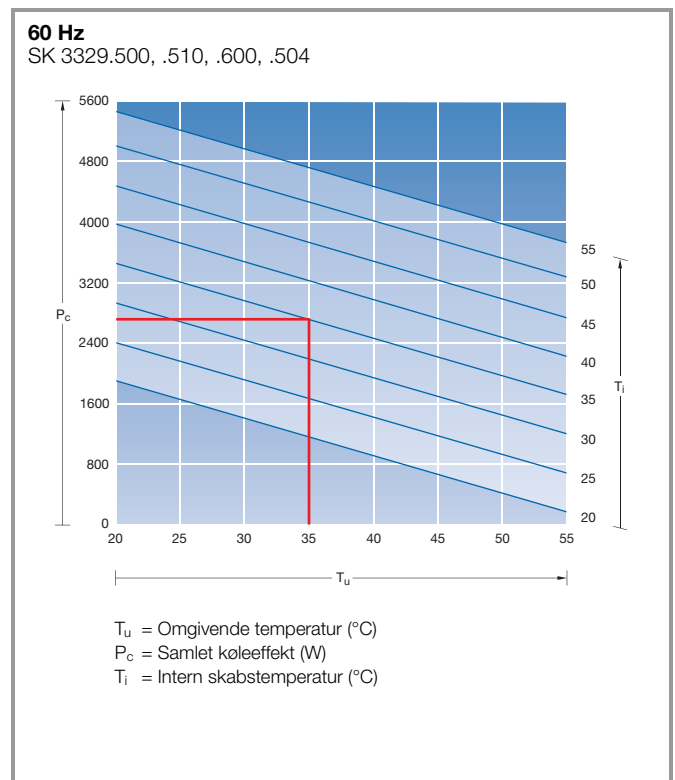
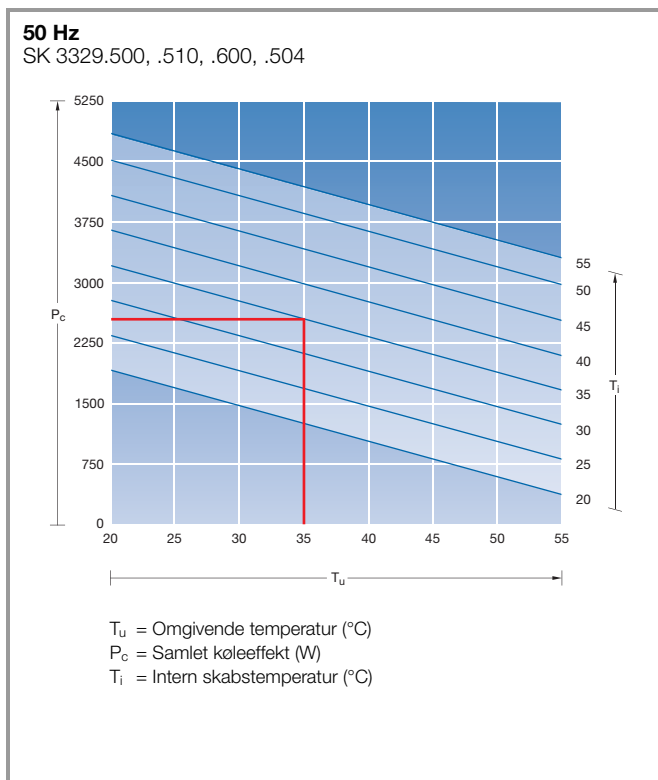


Vertikalmonterede køleenheder TopTherm Blue e

Effektklasse 2000 W (115/230 V, 1~)



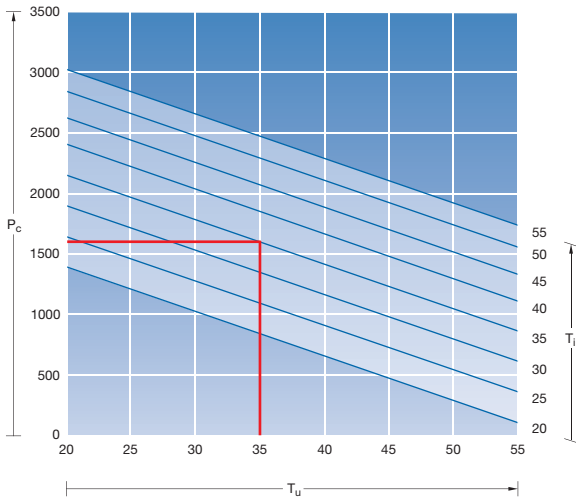
Effektklasse 2500 W (115/230 V, 1~)



Vertikalmonterede køleenheder TopTherm Blue e, flade

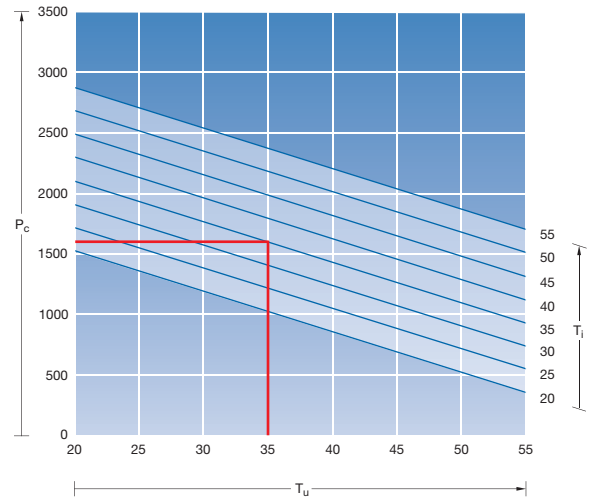
Effektklasse 1500 W (230 V, 1~)

50 Hz
SK 3366.500



T_u = Omgivende temperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

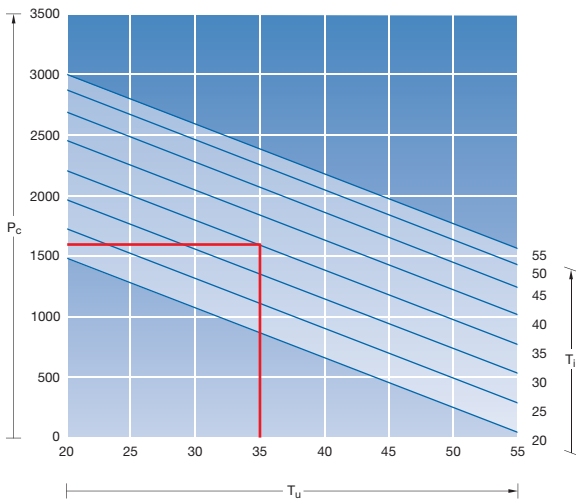
60 Hz
SK 3366.500



T_u = Omgivende temperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

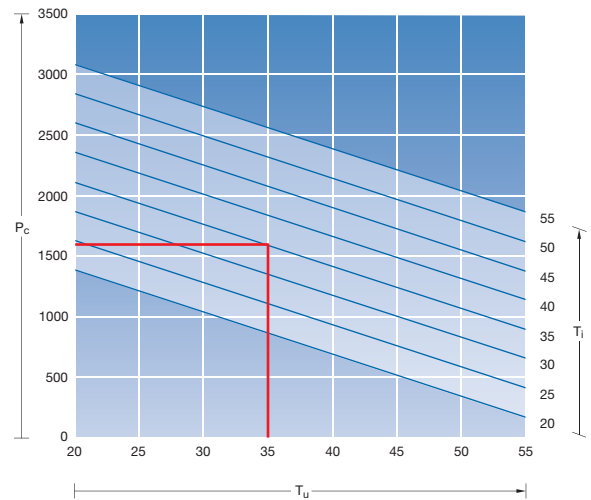
Effektklasse 1500 W (400/460 V, 3~)

50 Hz
SK 3366.540



T_u = Omgivende temperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

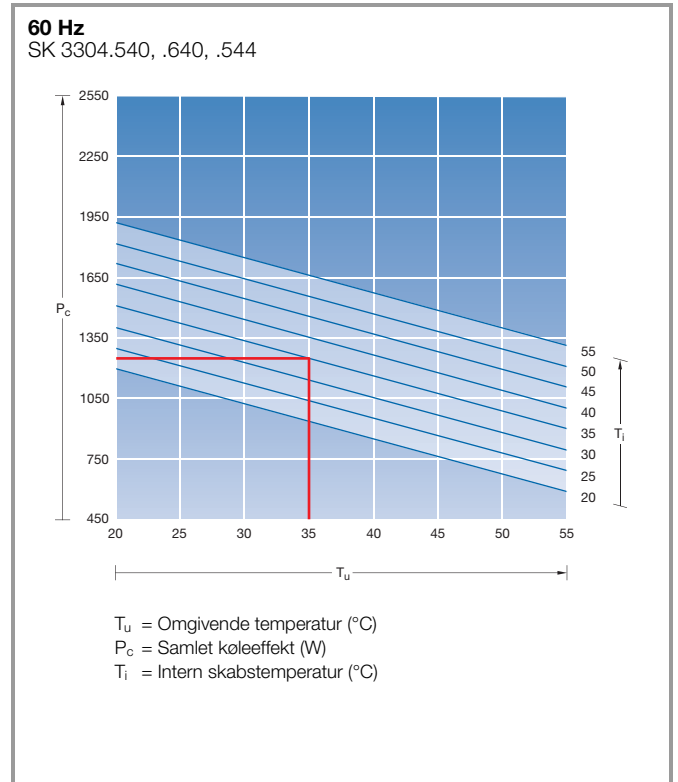
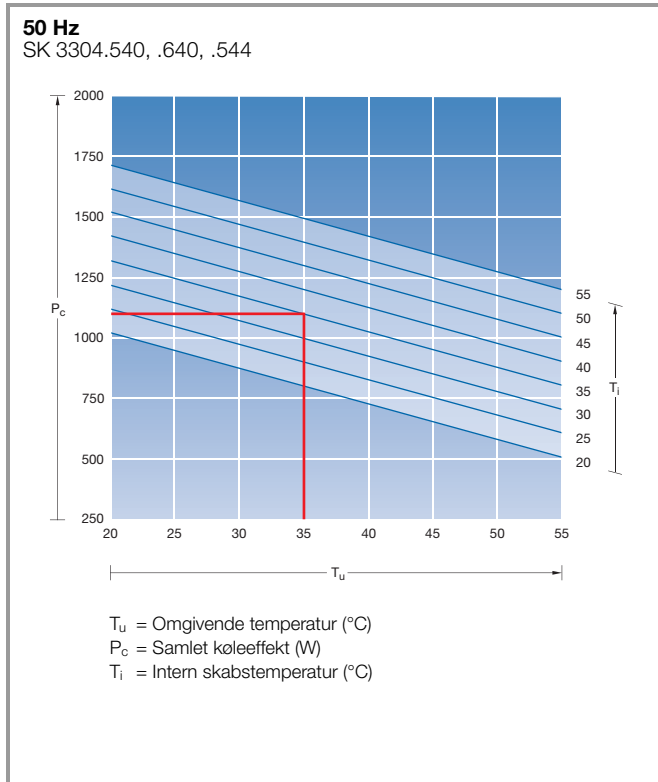
60 Hz
SK 3366.540



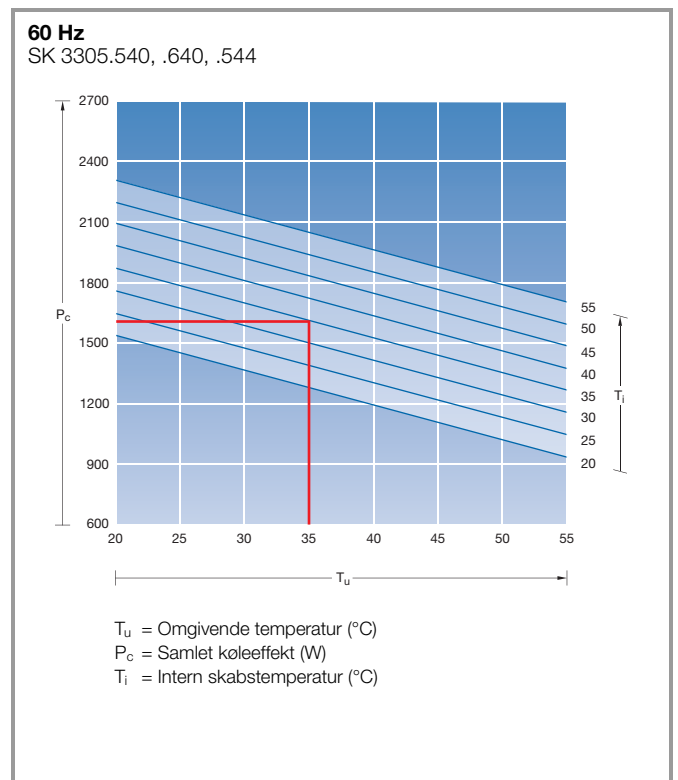
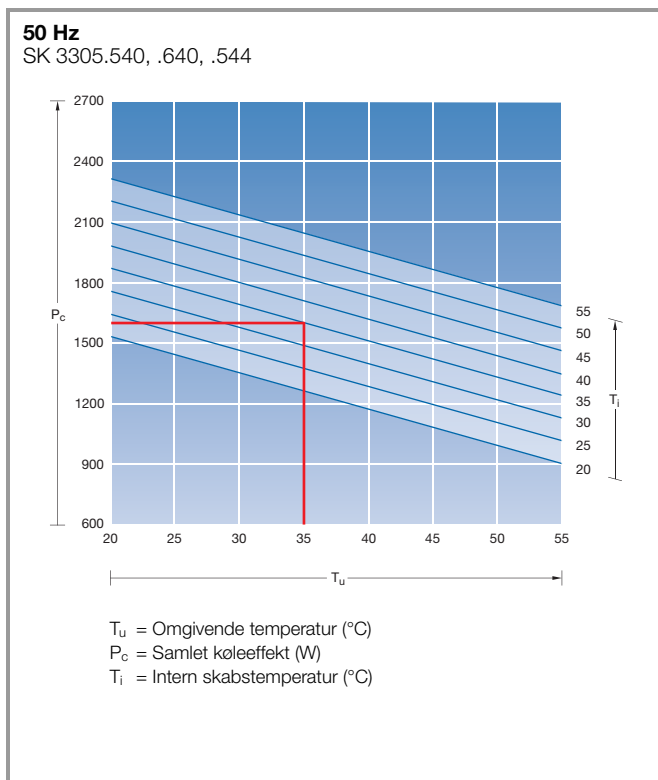
T_u = Omgivende temperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

Vertikalmonterede køleenheder TopTherm Blue e

Effektklasse 1000 W (400/460 V, 3~)



Effektklasse 1500 W (400/460 V, 3~)

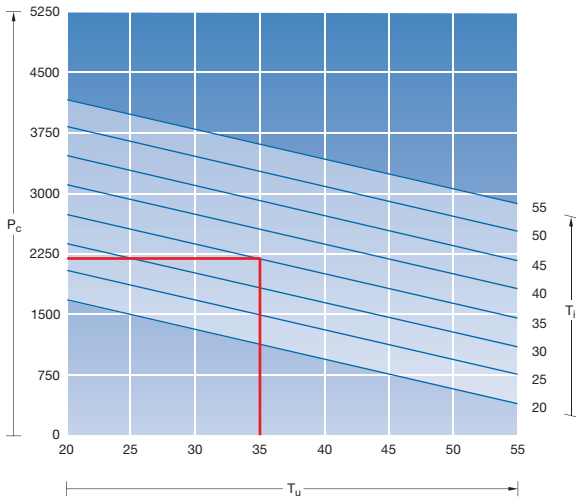


Vertikalmonterede køleenheder TopTherm Blue e

Effektklasse 2000 W (400/460 V, 3~)

50 Hz

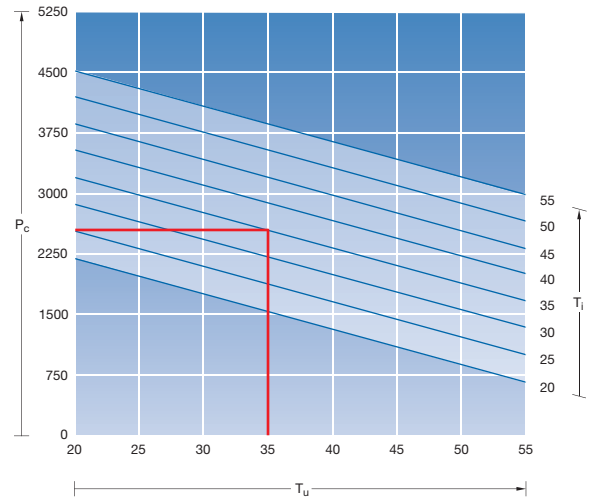
SK 3328.540, .640, .544



T_u = Omgivende temperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

60 Hz

SK 3328.540, .640, .544

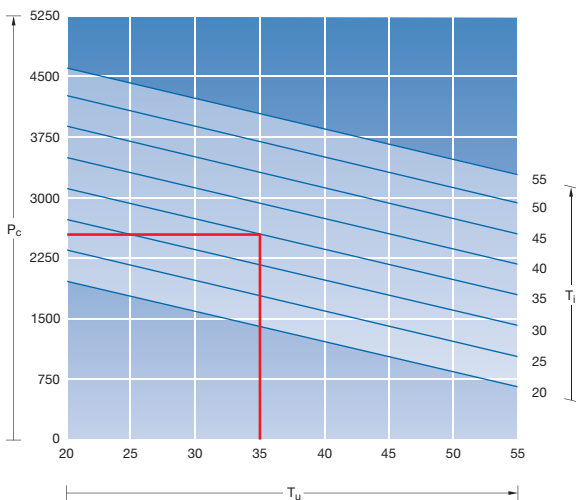


T_u = Omgivende temperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

Effektklasse 2500 W (400/460 V, 3~)

50 Hz

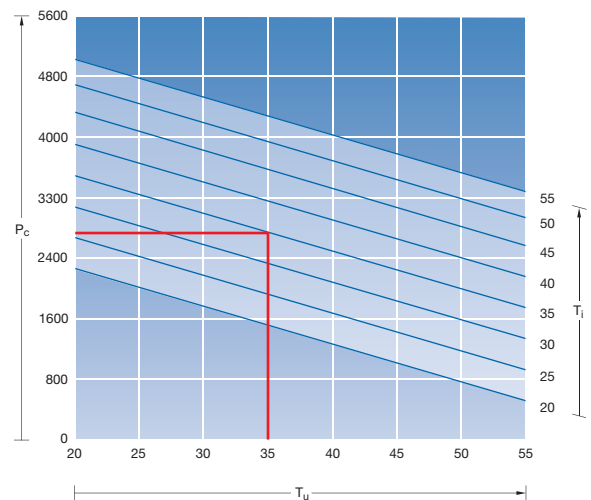
SK 3329.540, .640, .544



T_u = Omgivende temperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

60 Hz

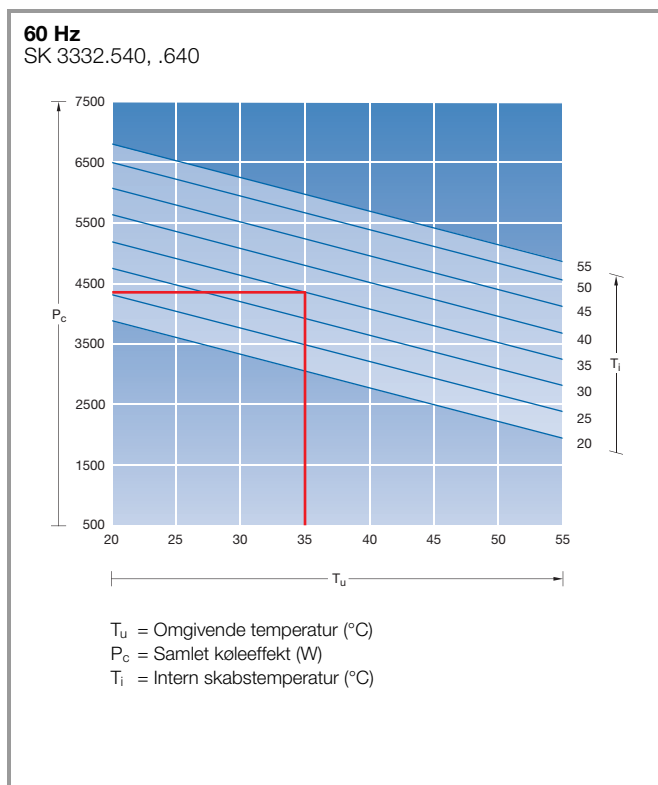
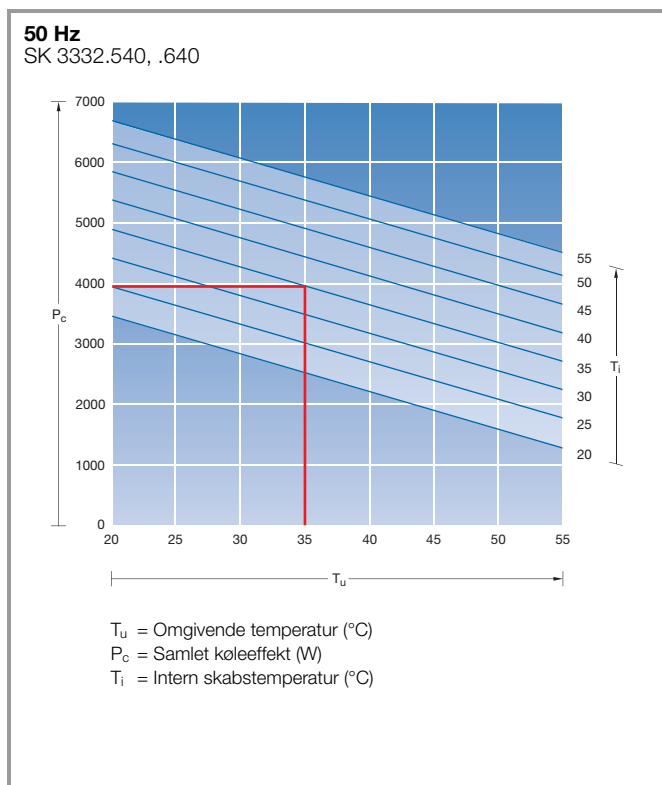
SK 3329.540, .640, .544



T_u = Omgivende temperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

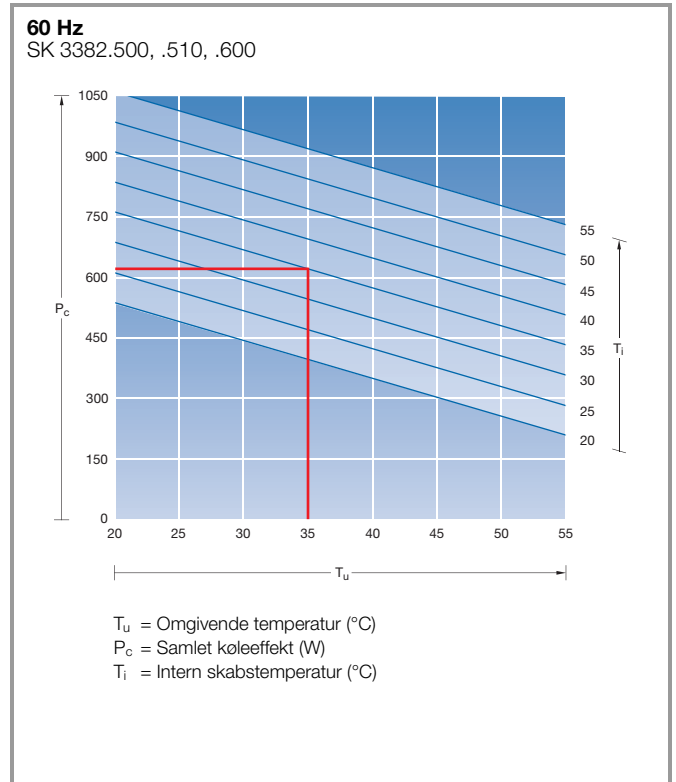
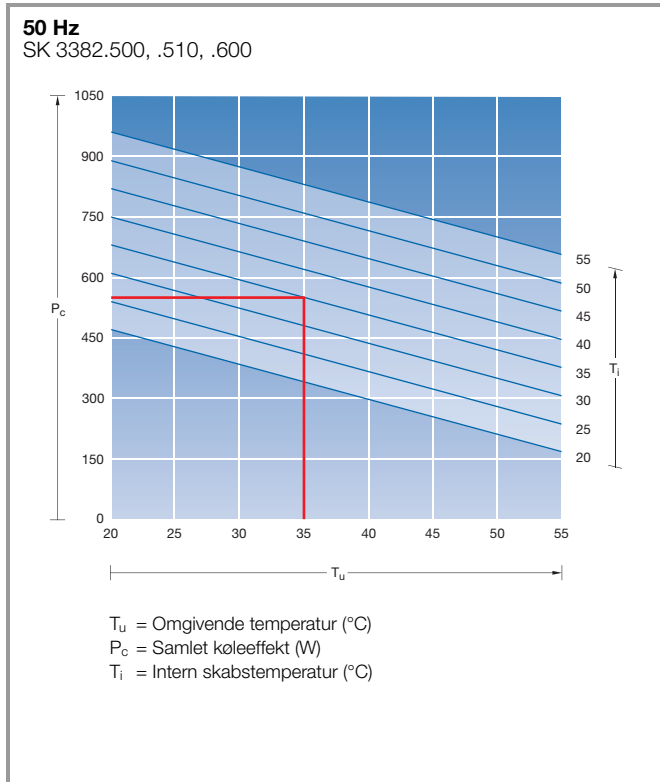
Vertikalmonterede køleenheder TopTherm Blue e

Effektklasse 4000 W (400/460 V, 3~)

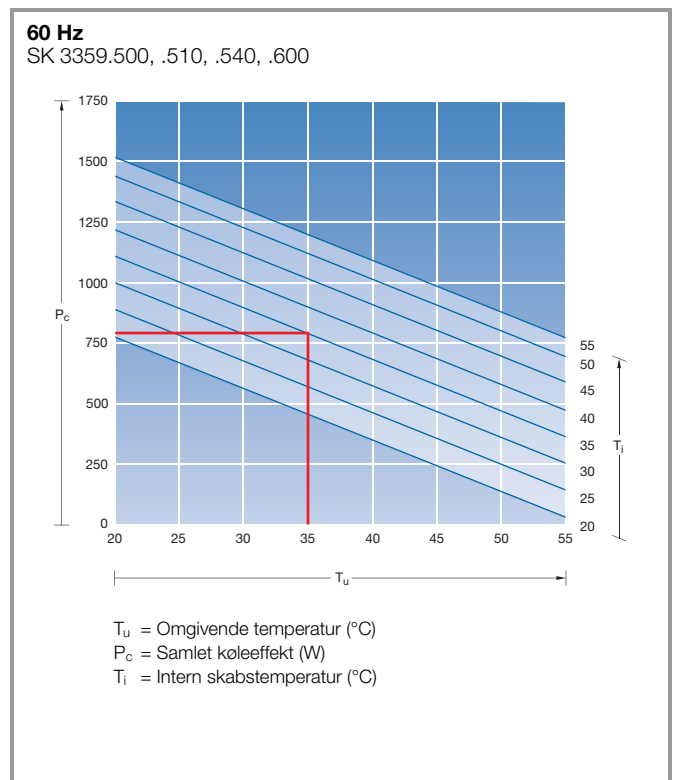
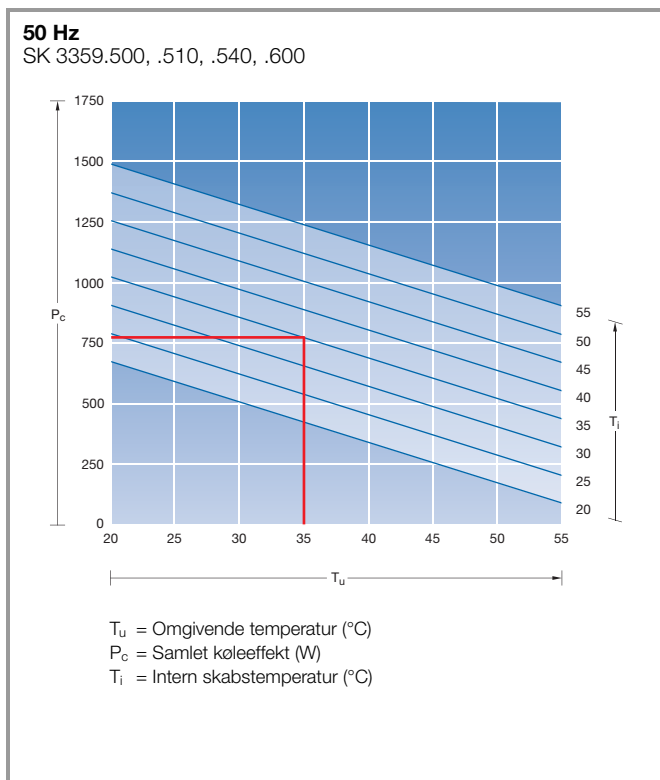


Topmonterede køleenheder TopTherm Blue e

Effektklasse 500 W (115/230 V, 1~)

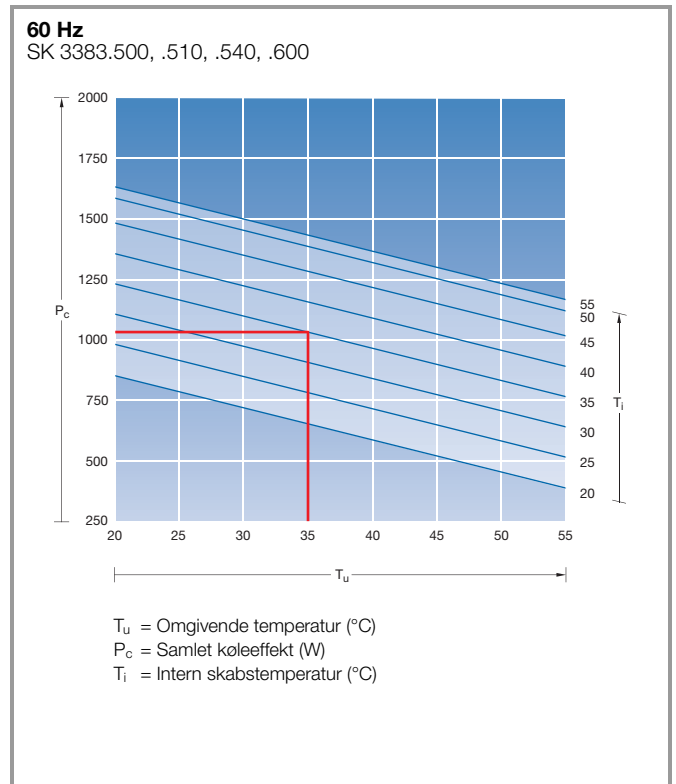
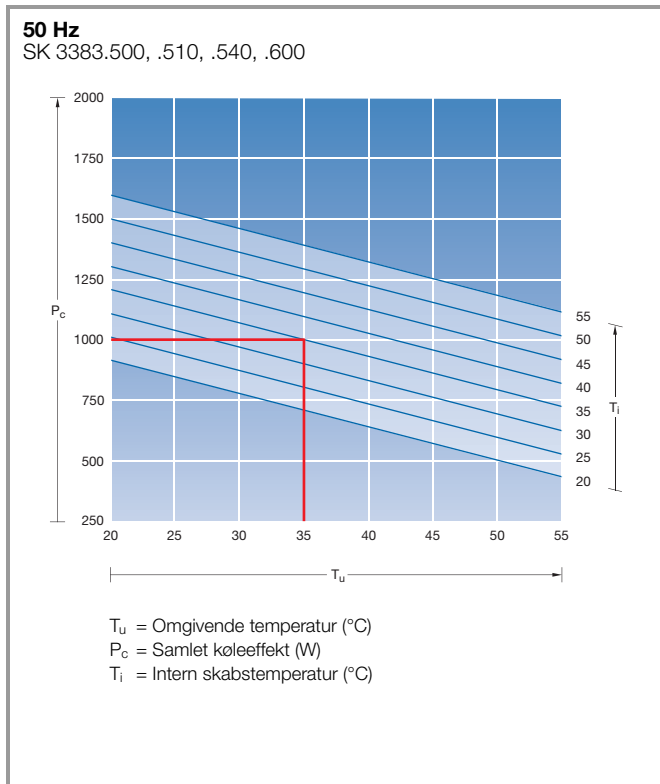


Effektklasse 750 W (115/230 V, 1~, 400 V, 2~)

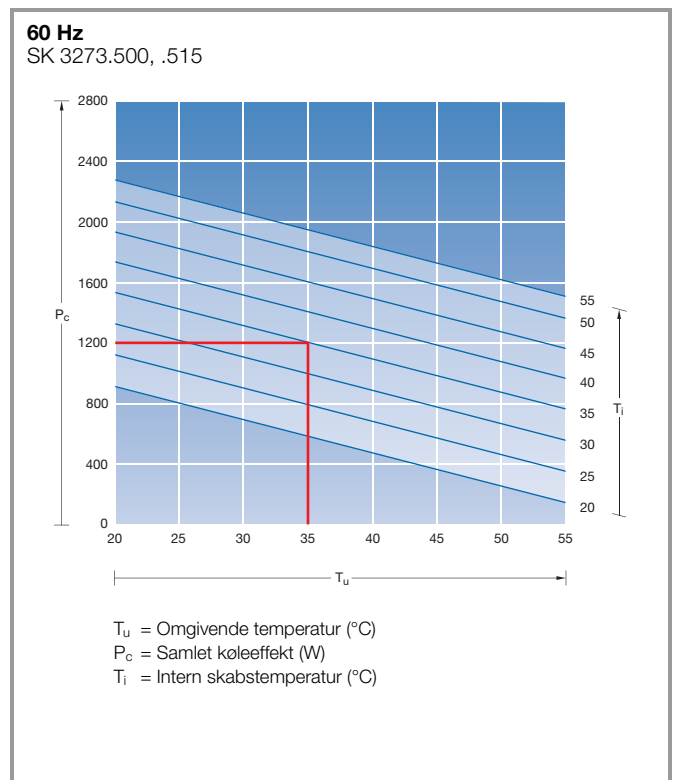
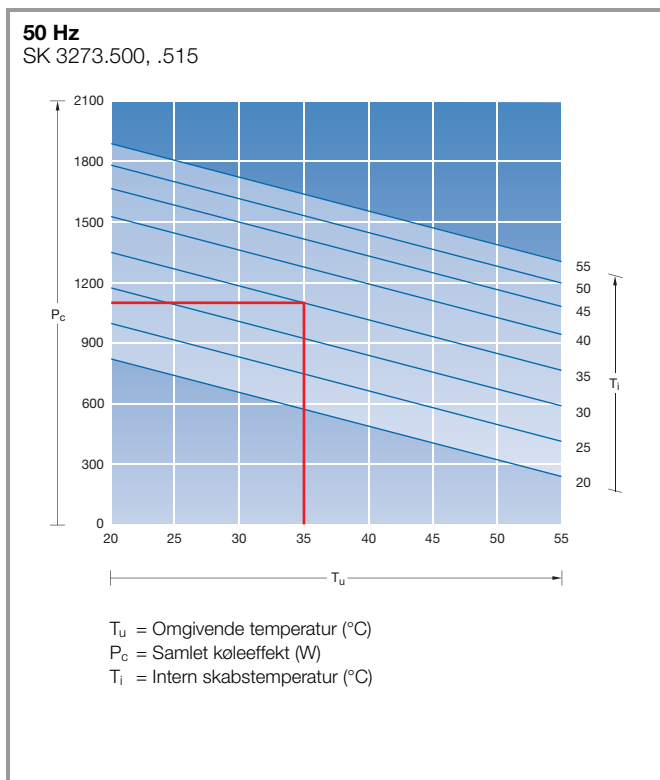


Topmonterede køleenheder TopTherm Blue e

Effektklasse 1000 W (115/230 V, 1~, 400 V, 2~)

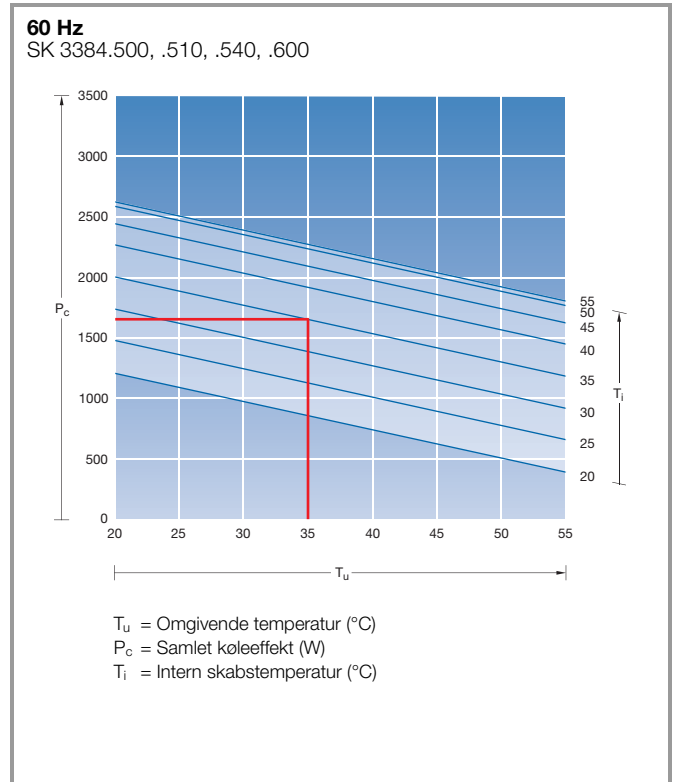
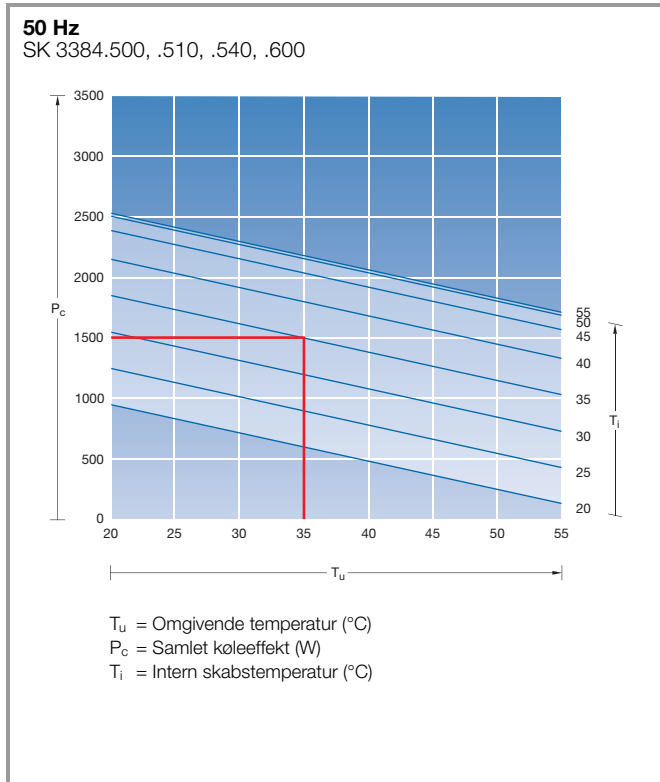


Effektklasse 1100 W (115/230 V, 1~)

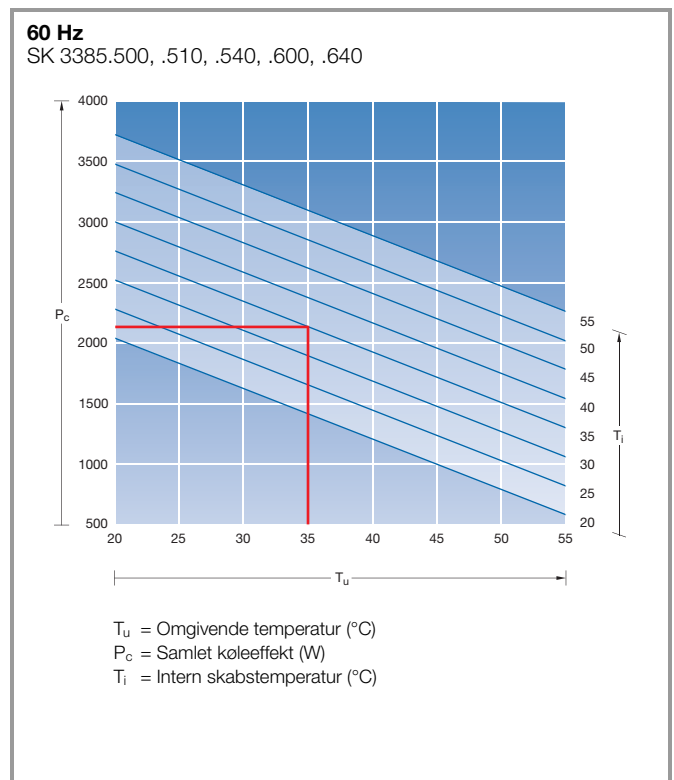
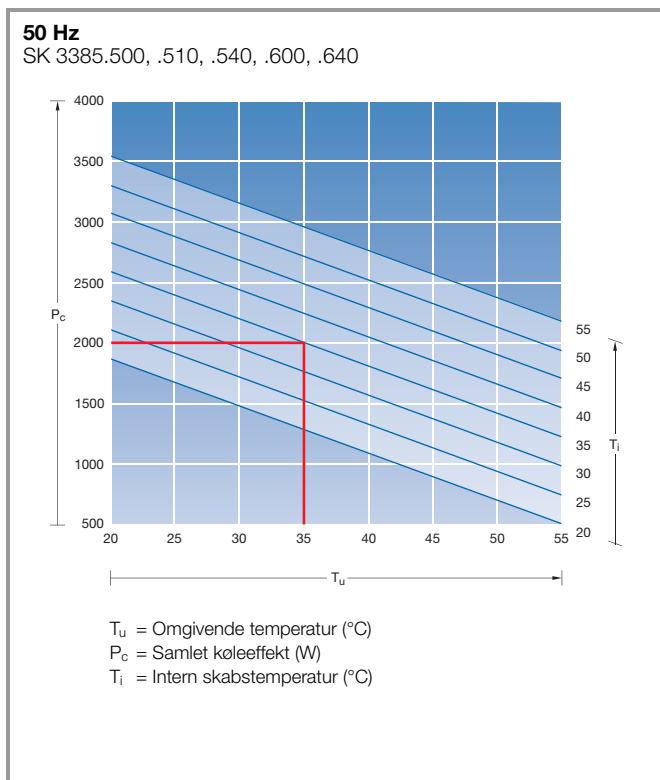


Topmonterede køleenheder TopTherm Blue e

Effektklasse 1500 W (115/230 V, 1~, 400 V, 2~)

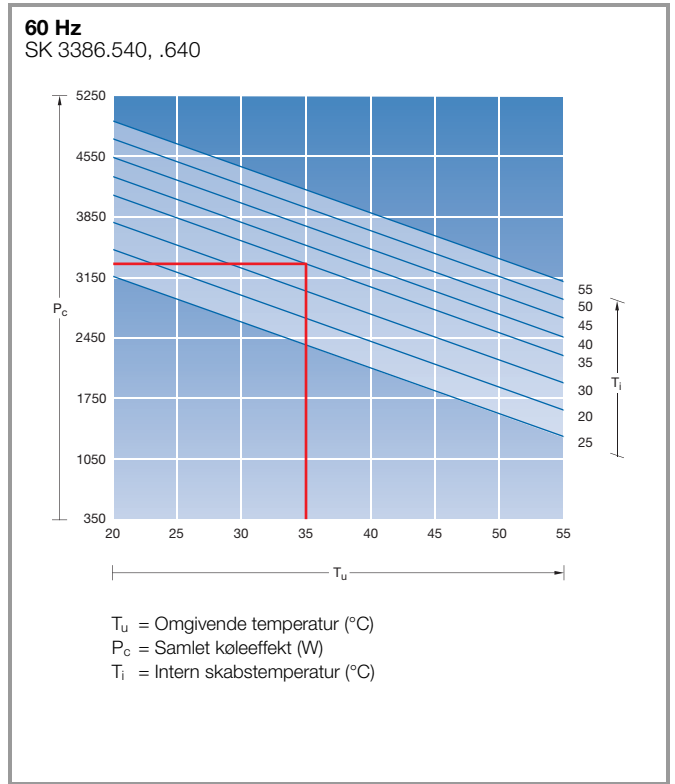
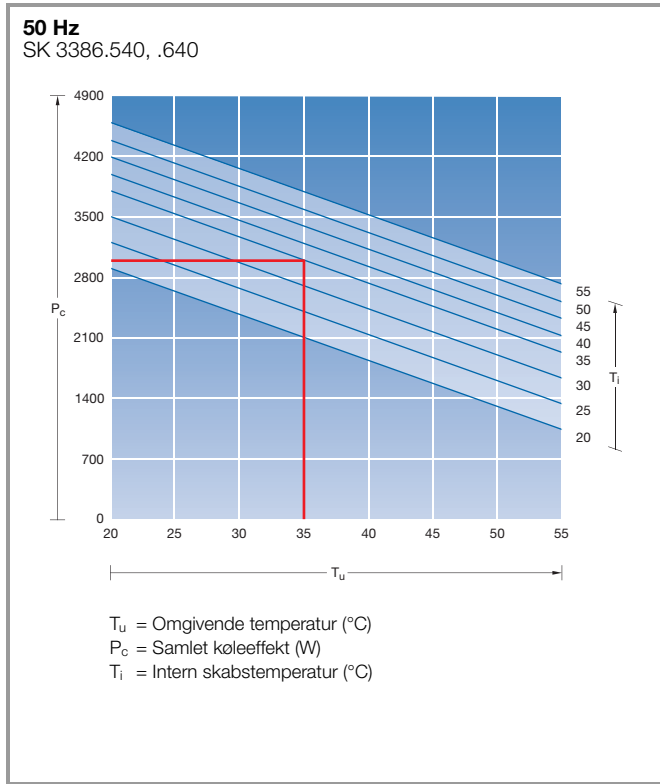


Effektklasse 2000 W (115/230 V, 1~, 400 V, 2~)

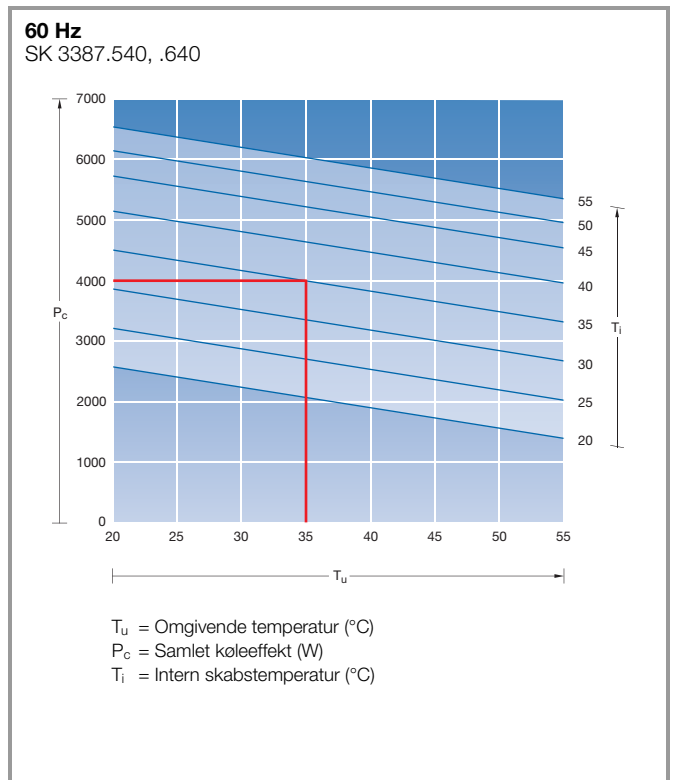
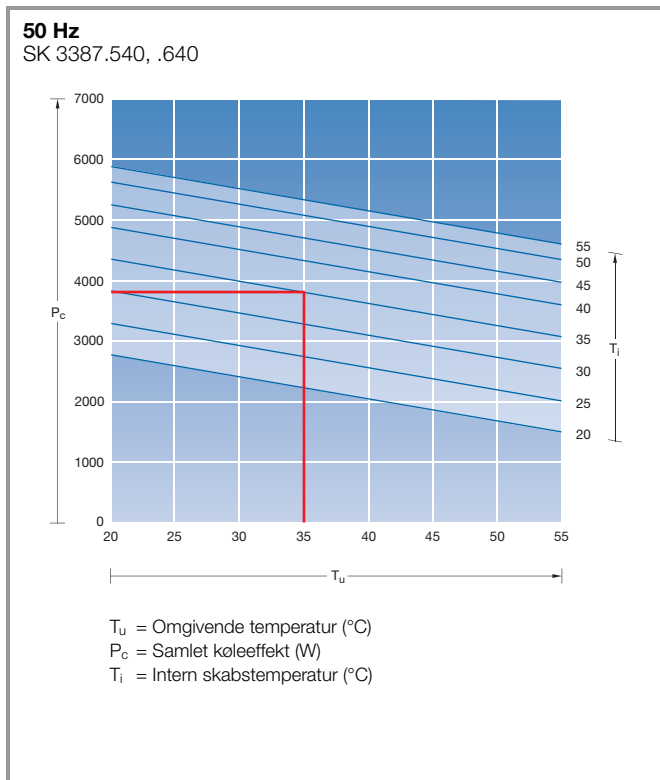


Topmonterede køleenheder TopTherm Blue e

Effektklasse 3000 W (400/460 V, 3~)

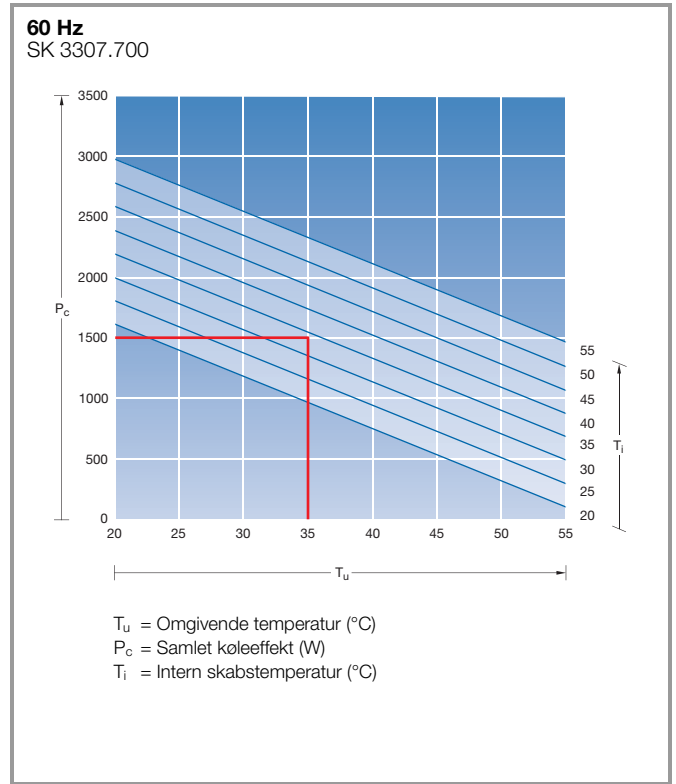
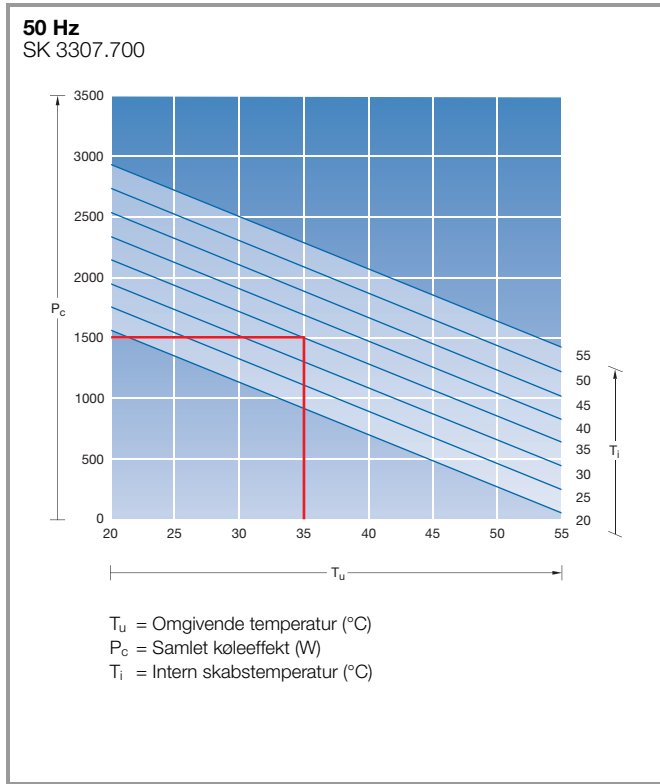


Effektklasse 4000 W (400/460 V, 3~)

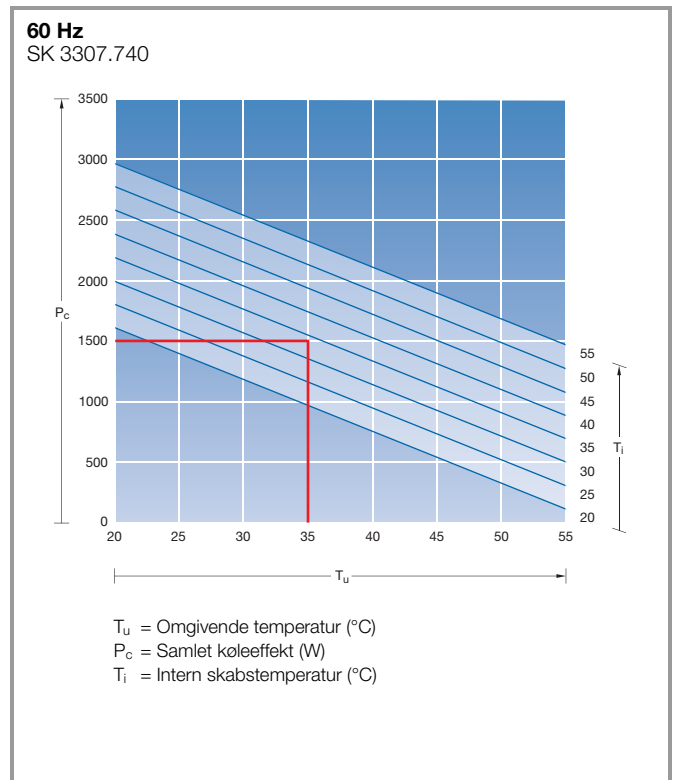
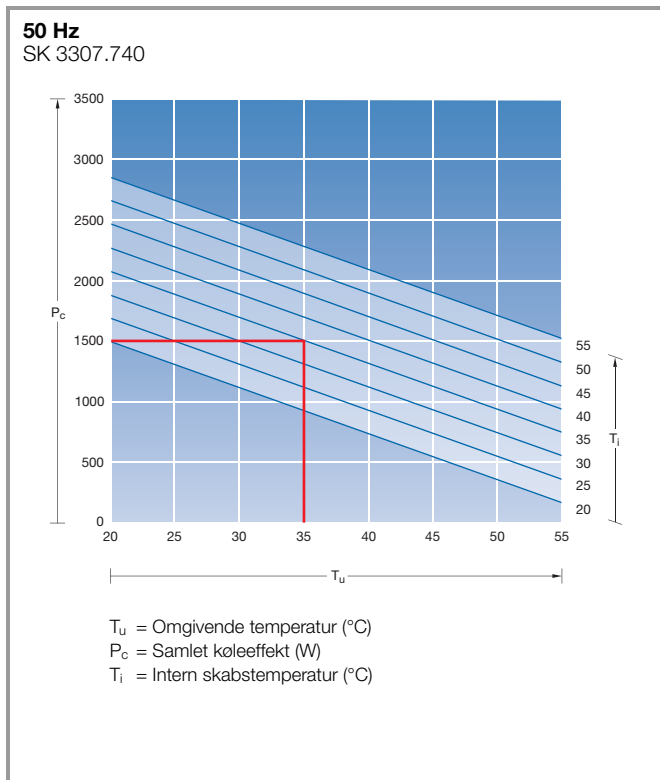


Klimamodulkoncept, kølemodul Blue e

Effektklasse 1500 W (230 V, 1~)

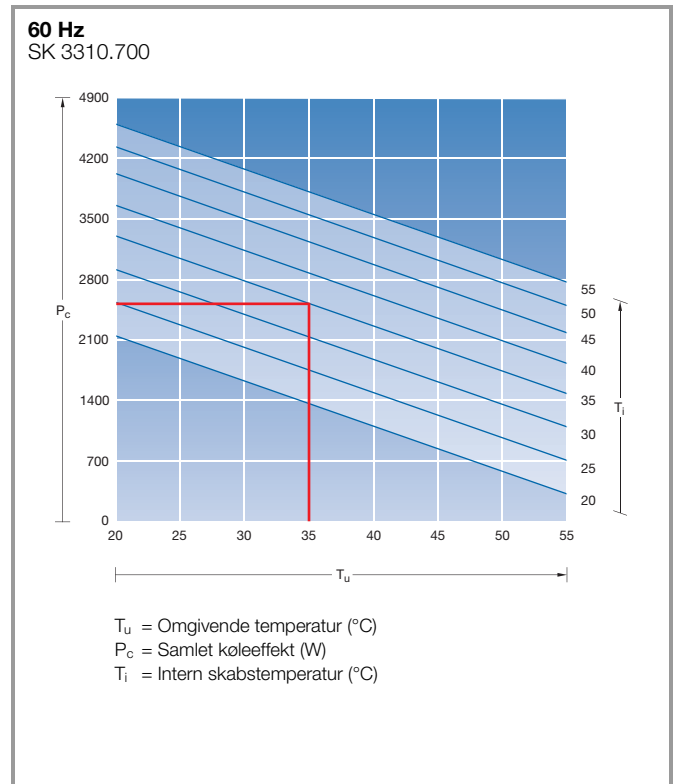
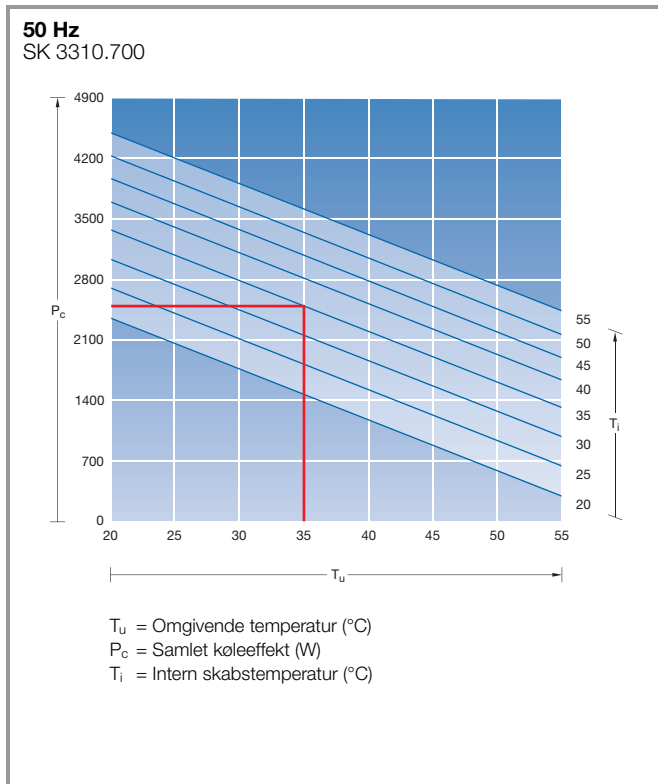


Effektklasse 1500 W (400/460 V, 3~)

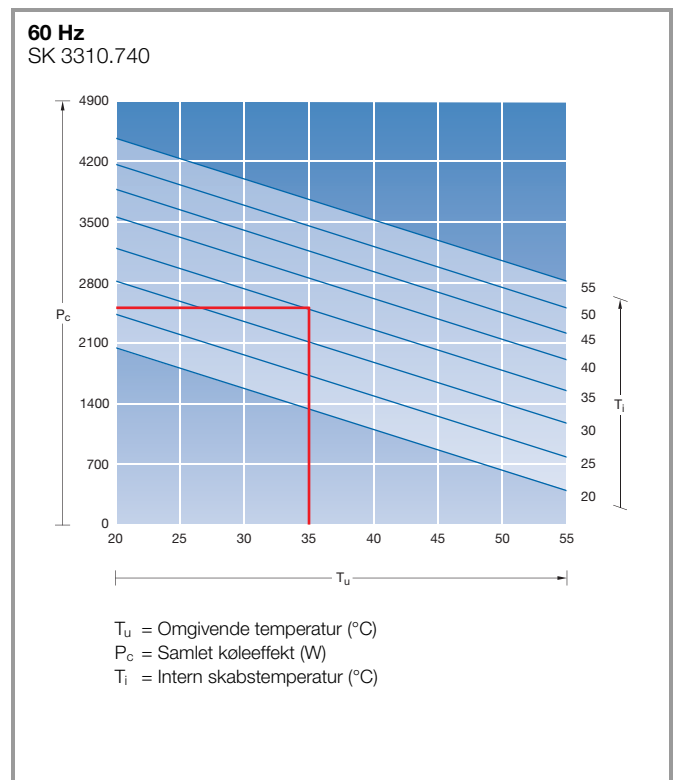
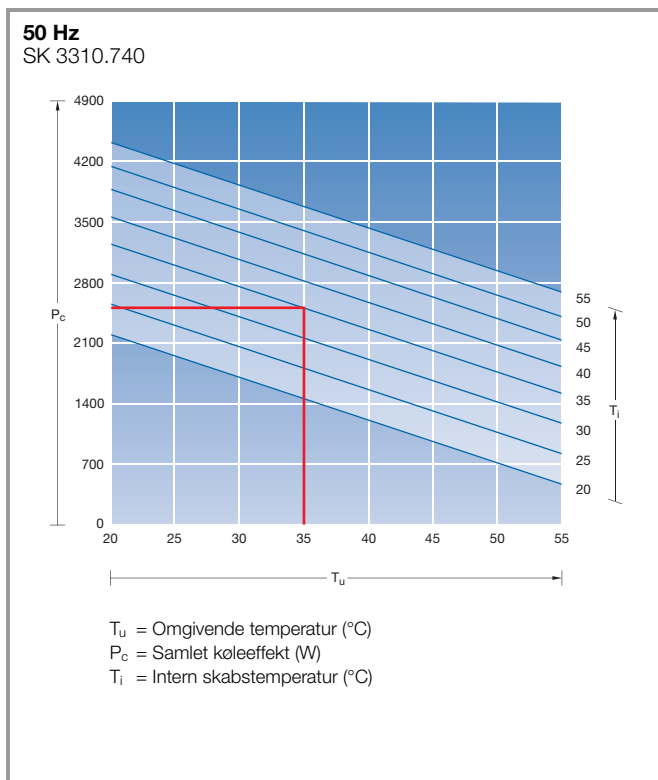


Klimamodulkoncept, kølemodul Blue e

Effektklasse 2500 W (230 V, 1~)



Effektklasse 2500 W (400/460 V, 3~)

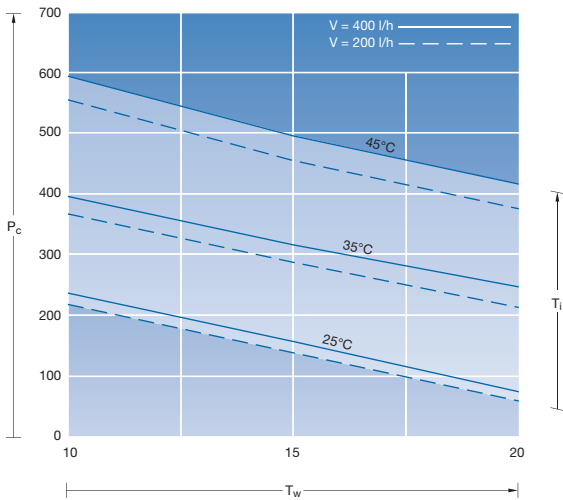


Luft-/vandvarmevekslere, vertikalmonterede

Effektklasse 300 W

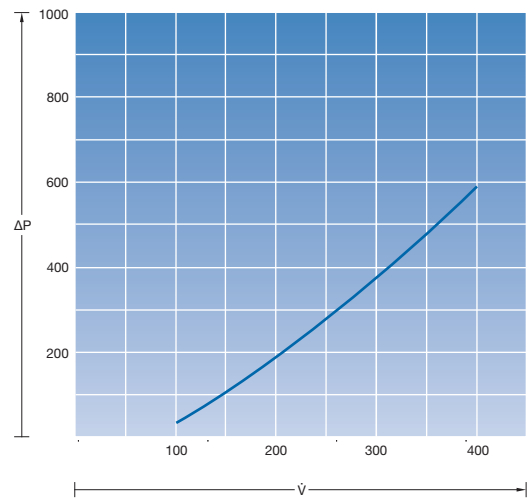
Vandførende dele: Kobber/messing (Cu/CuZn)

50/60 Hz
SK 3212.024, .115, .230



T_w = Vandindløbstemperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

Vandmodstandskurve
SK 3212.024, .115, .230

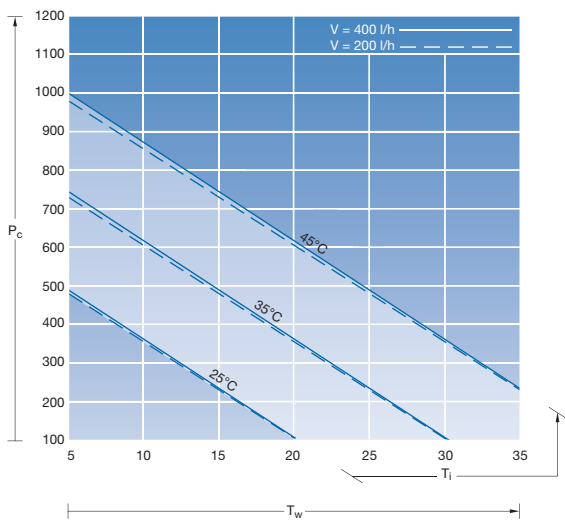


\dot{V} = Volumenstrøm (l/h)
 ΔP = Vandmodstand (mbar)

Effektklasse 600 W

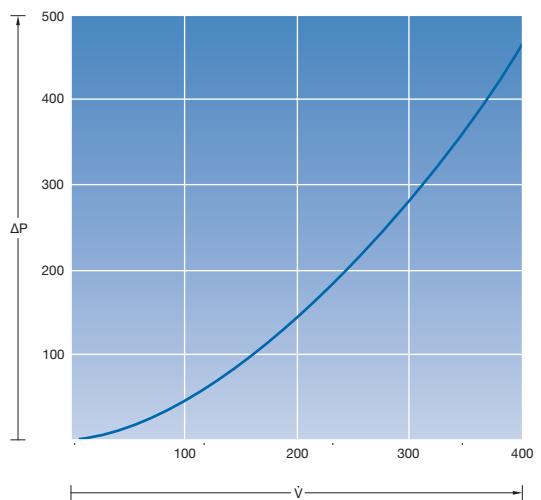
Vandførende dele: Kobber/messing (Cu/CuZn)

50/60 Hz
SK 3214.100



T_w = Vandindløbstemperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

Vandmodstandskurve
SK 3214.100



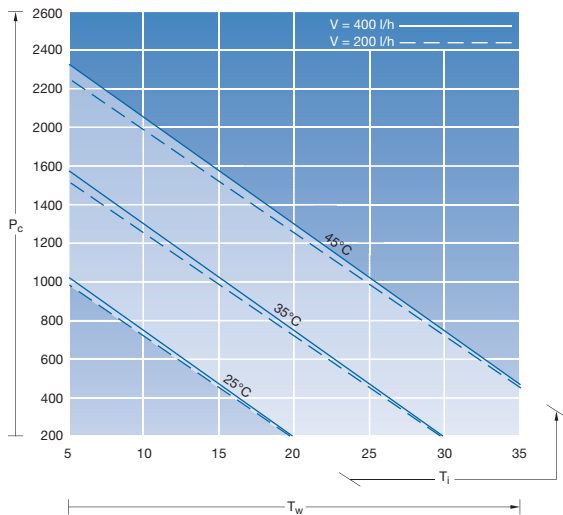
\dot{V} = Volumenstrøm (l/h)
 ΔP = Vandmodstand (mbar)

Luft-/vandvarmevekslere, vertikalmonterede

Effektklasse 1250 W

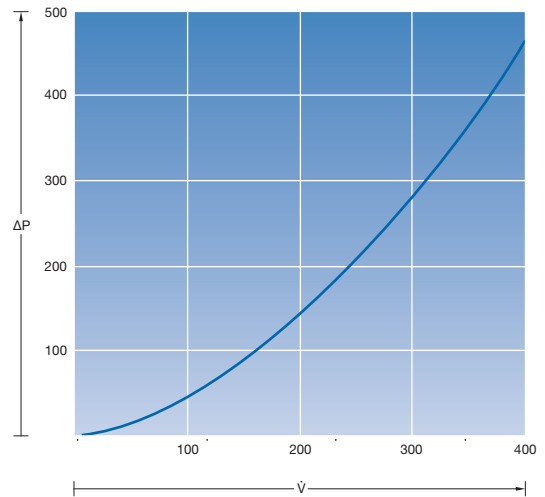
Vandførende dele: Kobber/messing (Cu/CuZn)

50/60 Hz
SK 3215.100



T_w = Vandindløbstemperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

Vandmodstandskurve
SK 3215.100

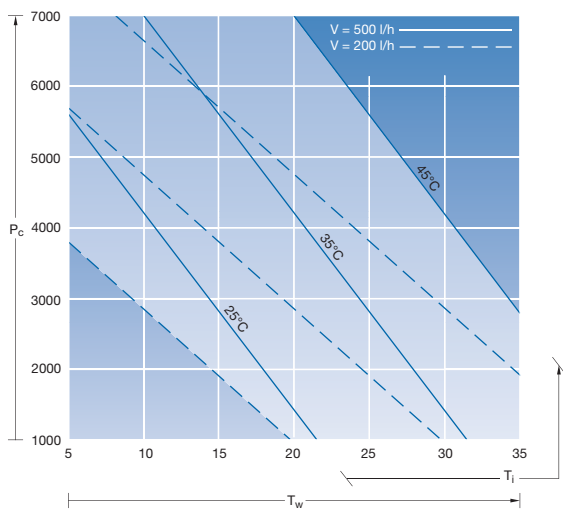


\dot{V} = Volumenstrøm (l/h)
 ΔP = Vandmodstand (mbar)

Effektklasse 7000 W

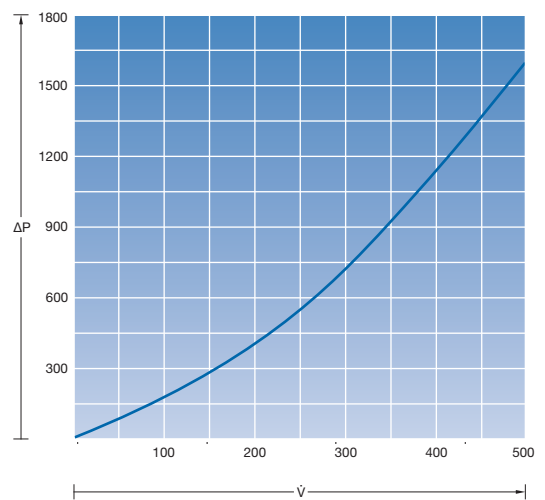
Vandførende dele: Kobber/messing (Cu/CuZn)

50/60 Hz
SK 3216.480



T_w = Vandindløbstemperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

Vandmodstandskurve
SK 3216.480



\dot{V} = Volumenstrøm (l/h)
 ΔP = Vandmodstand (mbar)

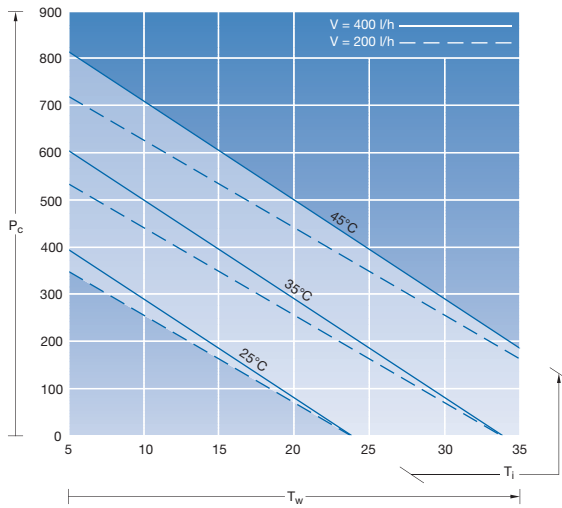
Luft-/vandvarmevekslere, vertikalmonterede

Effektklasse 500 W

Vandførende dele: Kobber/messing (Cu/CuZn)

50 Hz

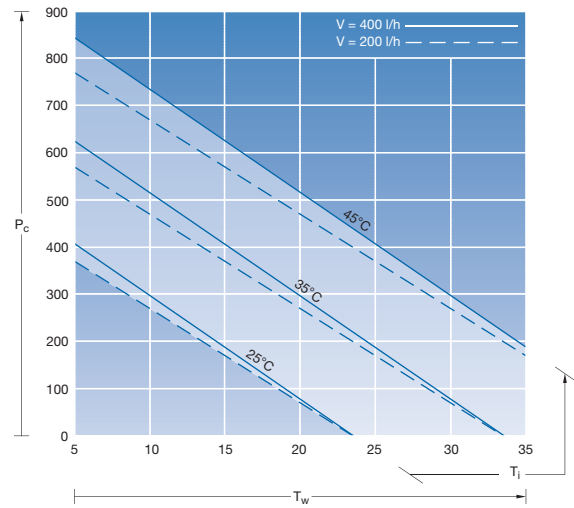
SK 3363.100, .500



T_w = Vandindløbstemperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

60 Hz

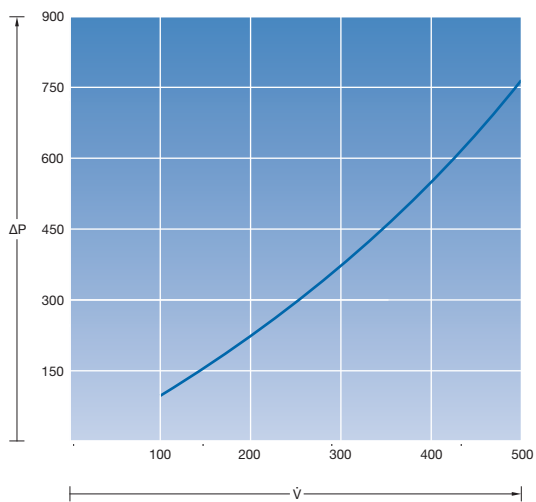
SK 3363.100, .500



T_w = Vandindløbstemperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

Vandmodstandskurve

SK 3363.100, .500



\dot{V} = Volumenstrøm (l/h)
 ΔP = Vandmodstand (mbar)

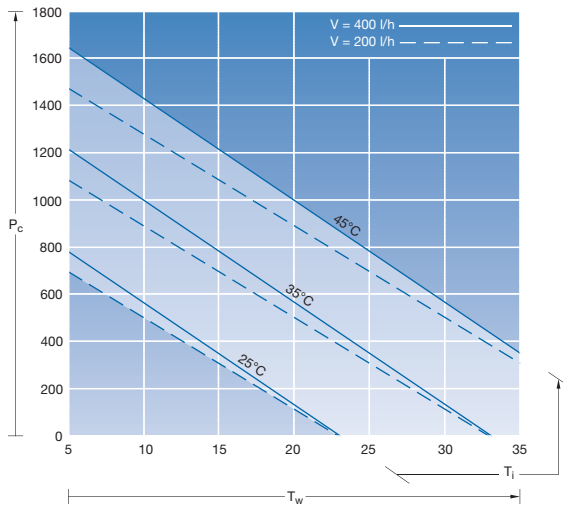
Luft-/vandvarmevekslere, vertikalmonterede

Effektklasse 1000 W

Vandførende dele: Kobber/messing (Cu/CuZn)

50 Hz

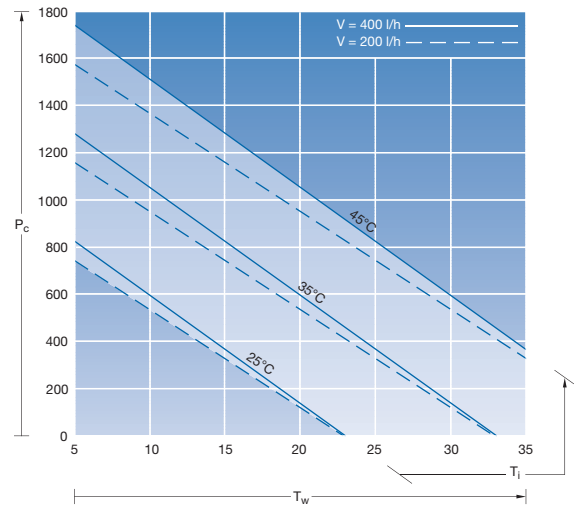
SK 3364.100, .500



T_w = Vandindløbstemperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

60 Hz

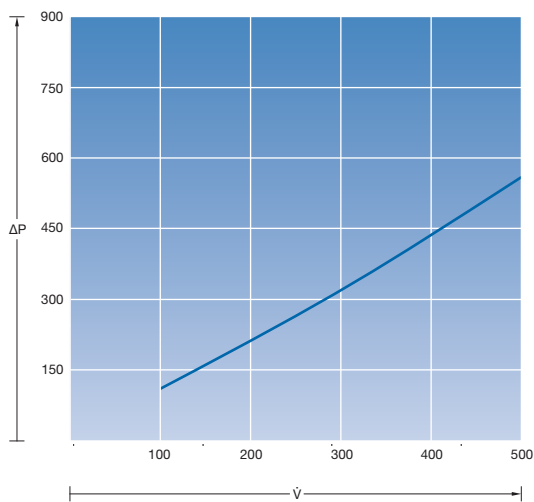
SK 3364.100, .500



T_w = Vandindløbstemperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

Vandmodstandskurve

SK 3364.100, .500



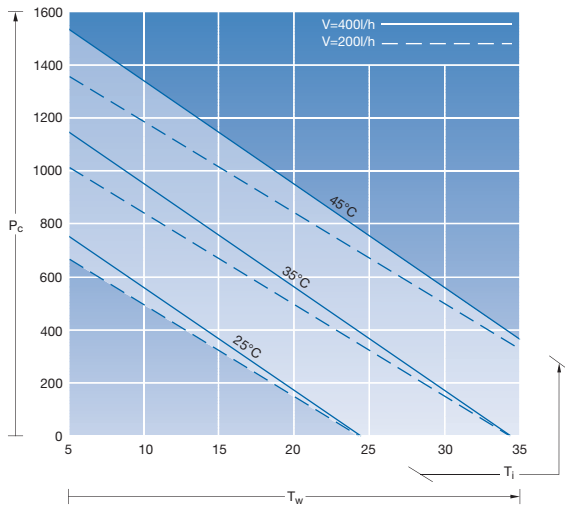
\dot{V} = Volumenstrøm (l/h)
 ΔP = Vandmodstand (mbar)

Luft-/vandvarmevekslere, vertikalmonterede

Effektklasse 1000 W

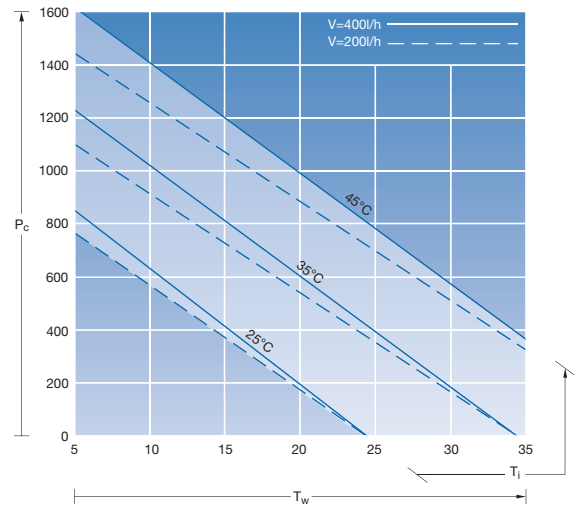
Vandførende dele: Rustfrit stål (1.4571)

50 Hz
SK 3364.504



T_w = Vandindløbstemperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

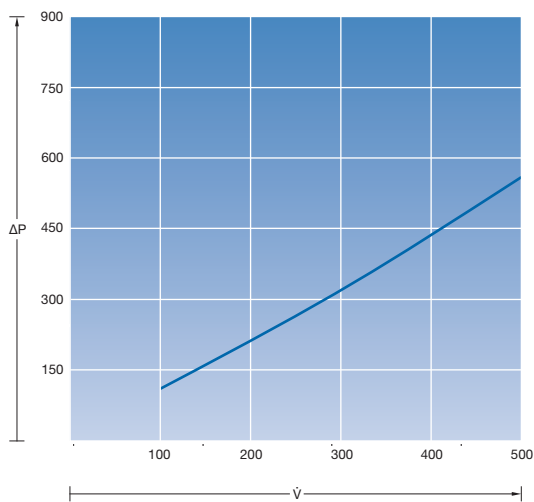
60 Hz
SK 3364.504



T_w = Vandindløbstemperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

Vandmodstandskurve

SK 3364.504



\dot{V} = Volumenstrøm (l/h)
 ΔP = Vandmodstand (mbar)

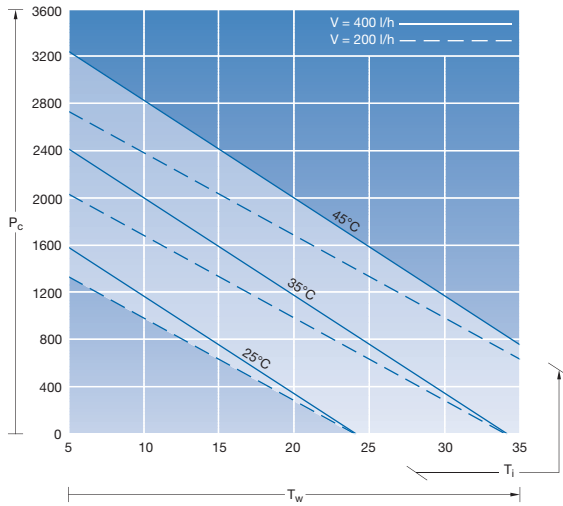
Luft-/vandvarmevekslere, vertikalmonterede

Effektklasse 2000 W

Vandførende dele: Kobber/messing (Cu/CuZn)

50 Hz

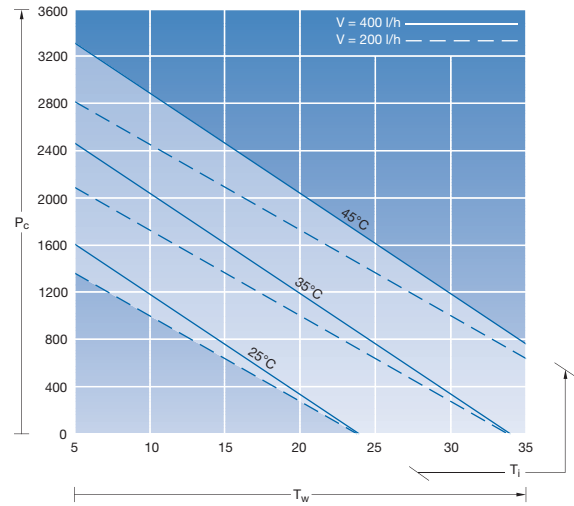
SK 3373.100, .500



T_w = Vandindløbstemperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

60 Hz

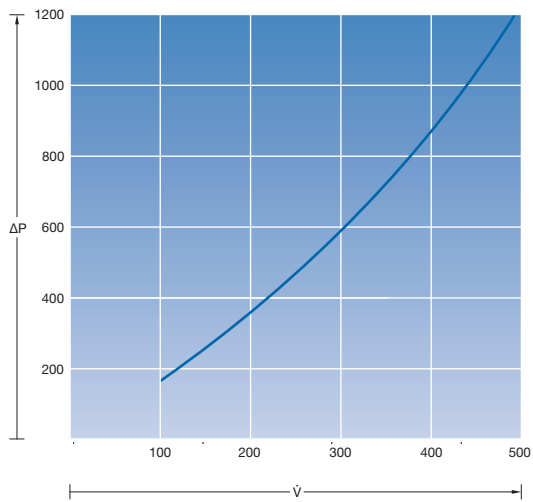
SK 3373.100, .500



T_w = Vandindløbstemperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

Vandmodstandskurve

SK 3373.100, .500



\dot{V} = Volumenstrøm (l/h)
 ΔP = Vandmodstand (mbar)

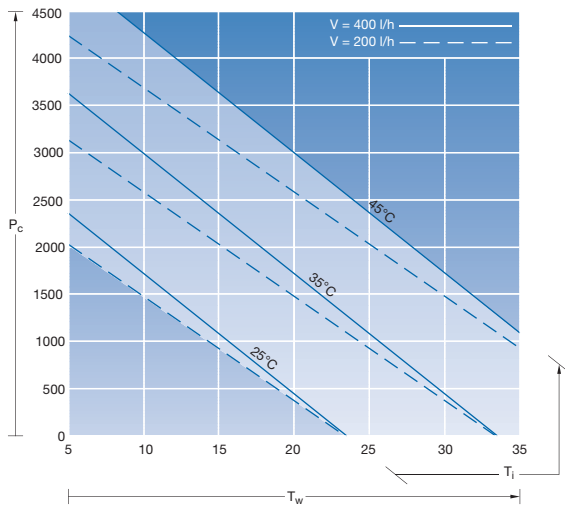
Luft-/vandvarmevekslere, vertikalmonterede

Effektklasse 3000 W

Vandførende dele: Kobber/messing (Cu/CuZn)

50 Hz

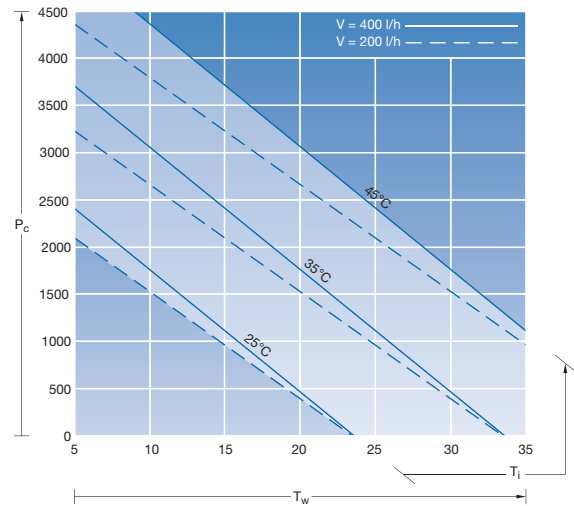
SK 3374.100, .500



T_w = Vandindløbstemperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

60 Hz

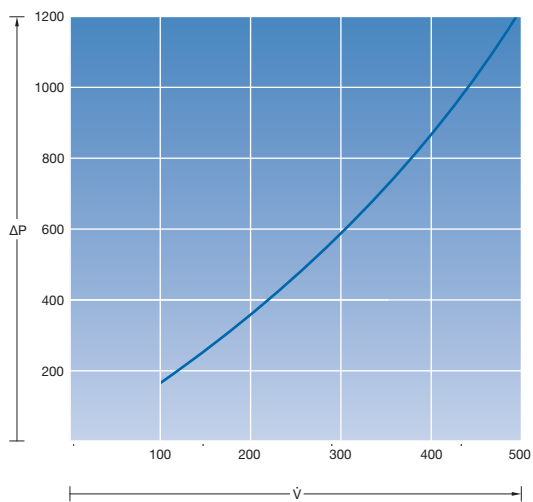
SK 3374.100, .500



T_w = Vandindløbstemperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

Vandmodstandskurve

SK 3374.100, .500



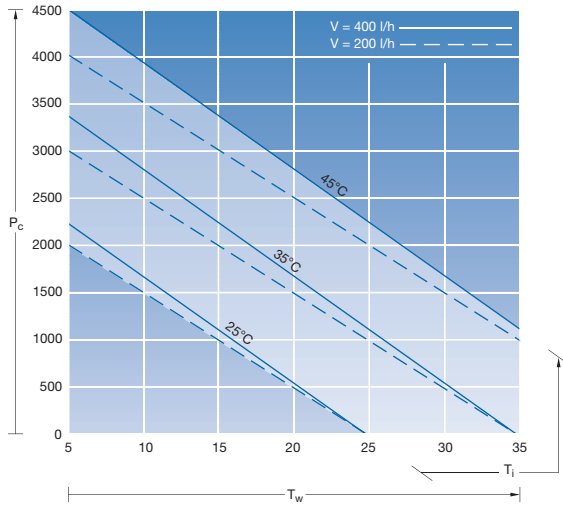
\dot{V} = Volumenstrøm (l/h)
 ΔP = Vandmodstand (mbar)

Luft-/vandvarmevekslere, vertikalmonterede

Effektklasse 2500 W

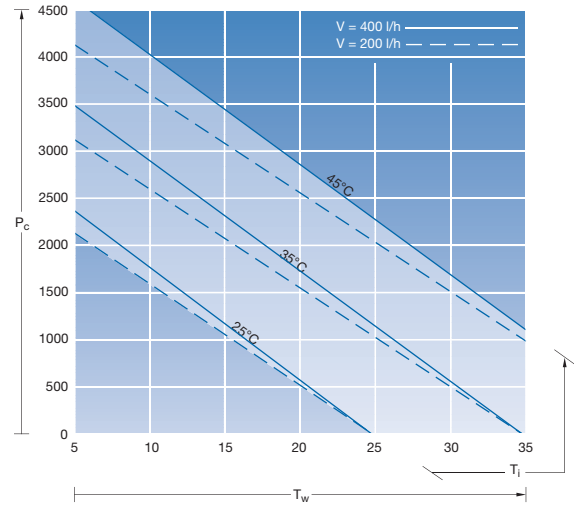
Vandførende dele: Rustfrit stål (1.4571)

50 Hz
SK 3374.504



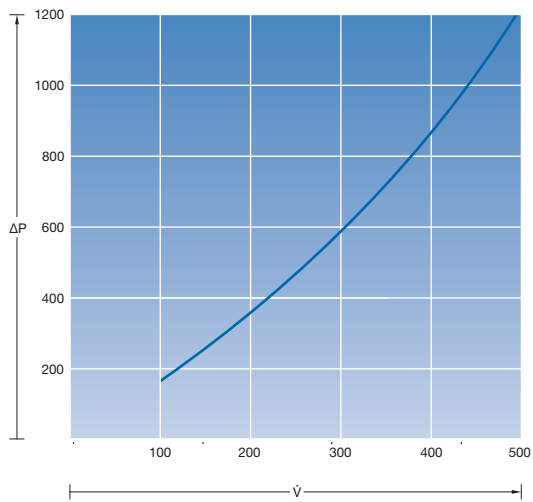
T_w = Vandindløbstemperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

60 Hz
SK 3374.504



T_w = Vandindløbstemperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

Vandmodstandskurve
SK 3374.504



\dot{V} = Volumenstrøm (l/h)
 ΔP = Vandmodstand (mbar)

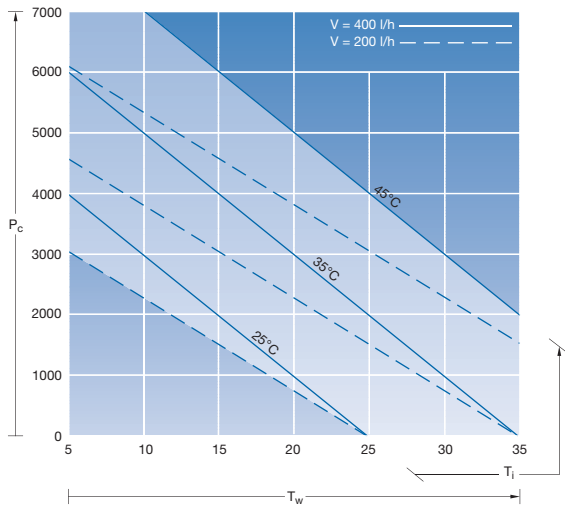
Luft-/vandvarmevekslere, vertikalmonterede

Effektklasse 5000 W

Vandførende dele: Kobber/messing (Cu/CuZn)

50 Hz

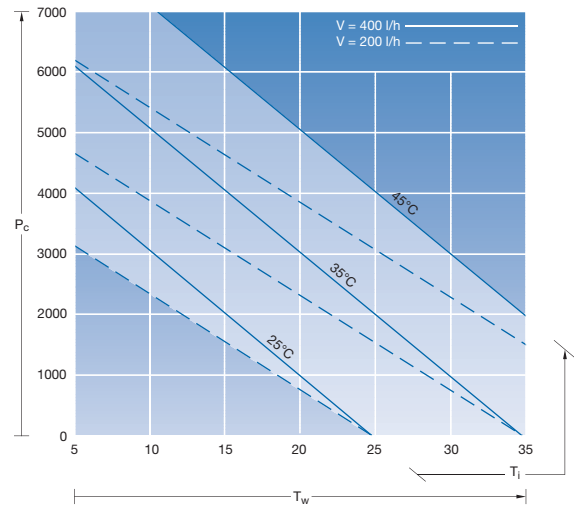
SK 3375.100, .500



T_w = Vandindløbstemperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

60 Hz

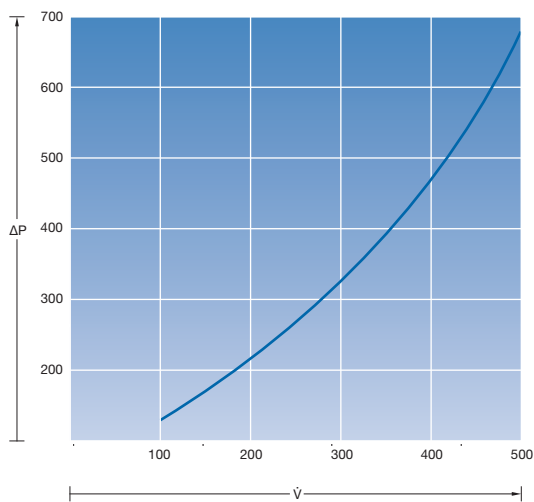
SK 3375.100, .500



T_w = Vandindløbstemperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

Vandmodstandskurve

SK 3375.100, .500



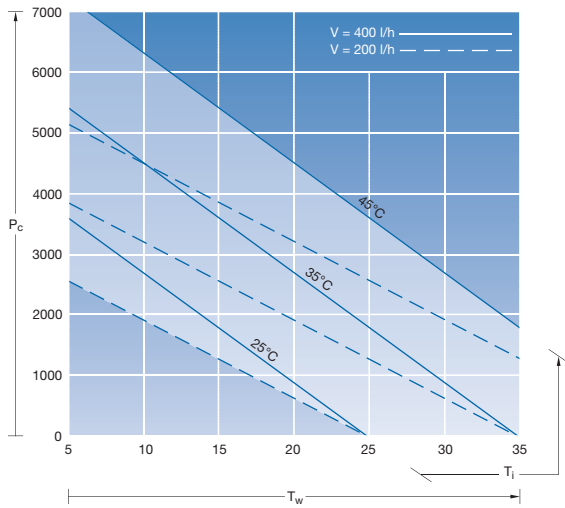
\dot{V} = Volumenstrøm (l/h)
 ΔP = Vandmodstand (mbar)

Luft-/vandvarmevekslere, vertikalmonterede

Effektklasse 4000 W

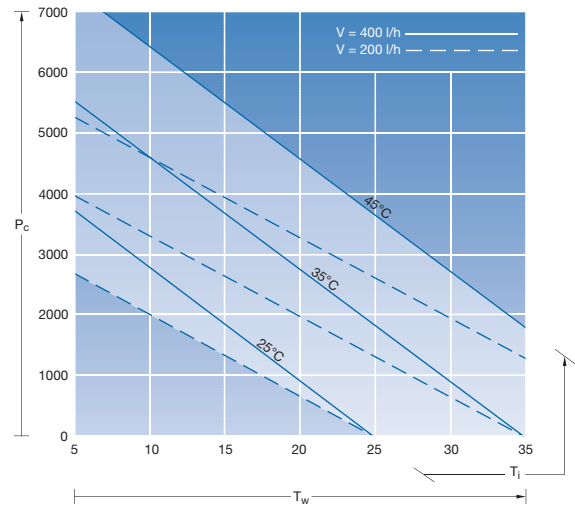
Vandførende dele: Rustfrit stål (1.4571)

50 Hz
SK 3375.504



T_w = Vandindløbstemperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

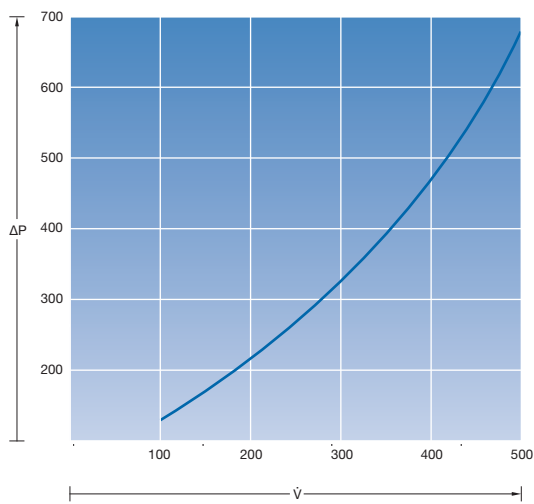
60 Hz
SK 3375.504



T_w = Vandindløbstemperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

Vandmodstandskurve

SK 3375.504



\dot{V} = Volumenstrøm (l/h)
 ΔP = Vandmodstand (mbar)

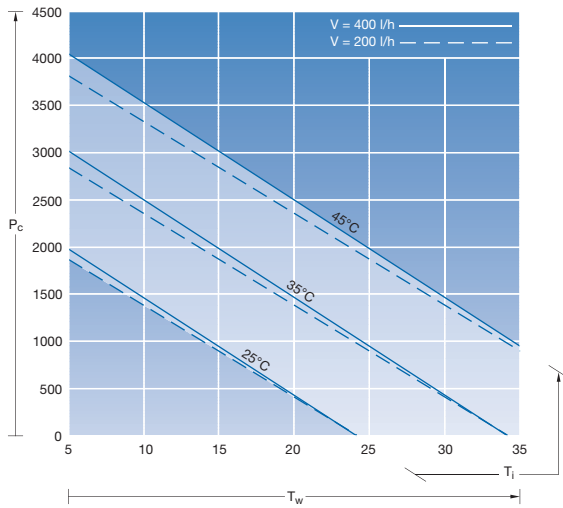
Luft-/vandvarmevekslere, topmonterede

Effektklasse 2500 W

Vandførende dele: Kobber/messing (Cu/CuZn)

50 Hz

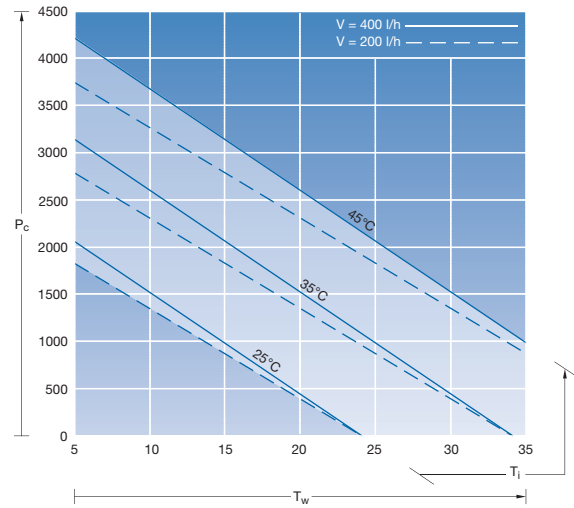
SK 3209.100, .500



T_w = Vandindløbstemperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

60 Hz

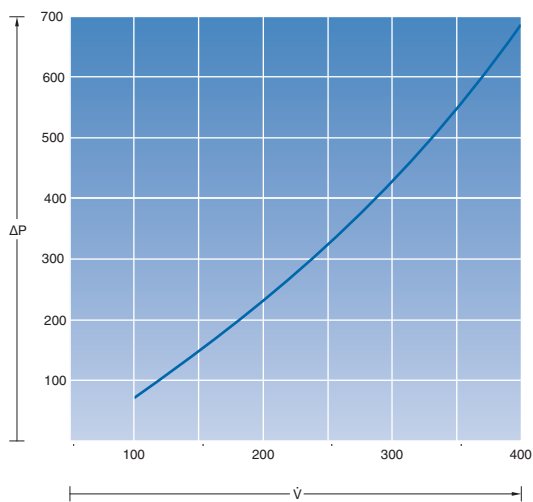
SK 3209.100, .500



T_w = Vandindløbstemperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

Vandmodstandskurve

SK 3209.100, .500



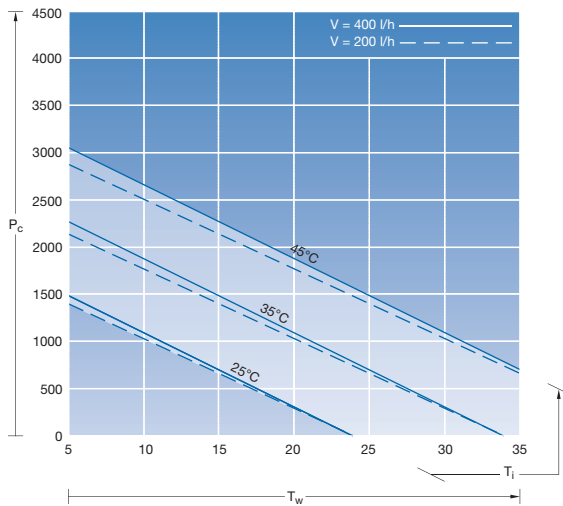
\dot{V} = Volumenstrøm (l/h)
 ΔP = Vandmodstand (mbar)

Luft-/vandvarmevekslere, topmonterede

Effektklasse 1875 W

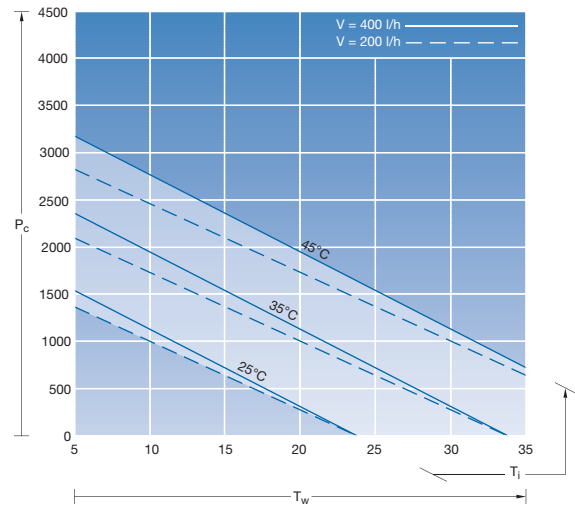
Vandførende dele: Rustfrit stål (1.4571)

50 Hz
SK 3209.504



T_w = Vandindløbstemperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

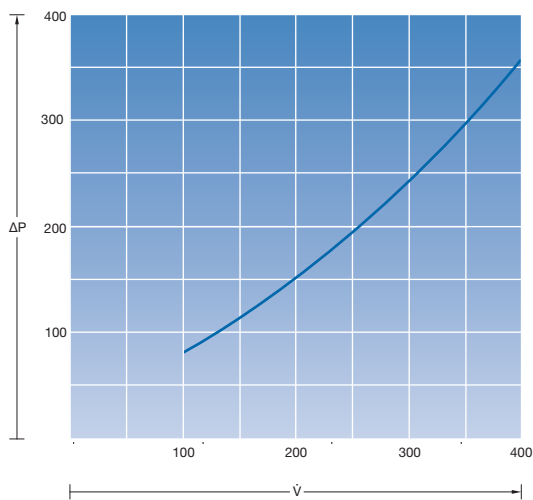
60 Hz
SK 3209.504



T_w = Vandindløbstemperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

Vandmodstandskurve

SK 3209.504



\dot{V} = Volumenstrøm (l/h)
 ΔP = Vandmodstand (mbar)

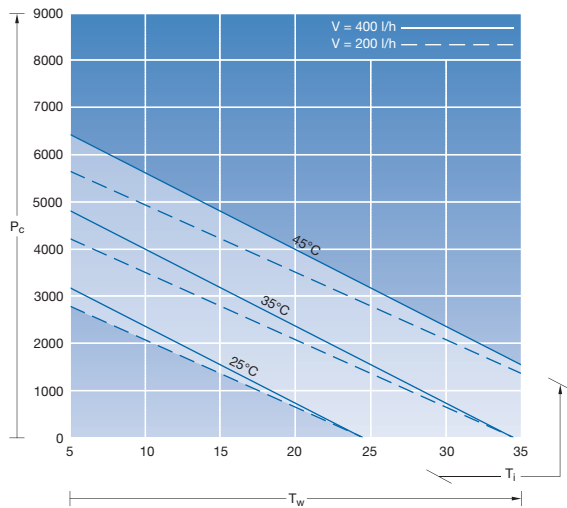
Luft-/vandvarmevekslere, topmonterede

Effektklasse 4000 W

Vandførende dele: Kobber/messing (Cu/CuZn)

50 Hz

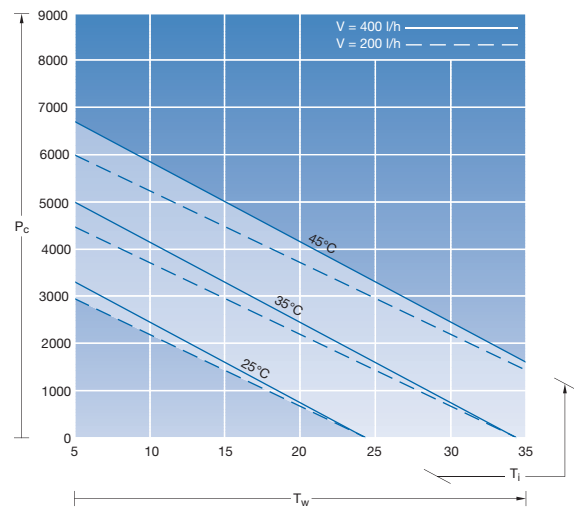
SK 3210.100, .500



T_w = Vandindløbstemperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

60 Hz

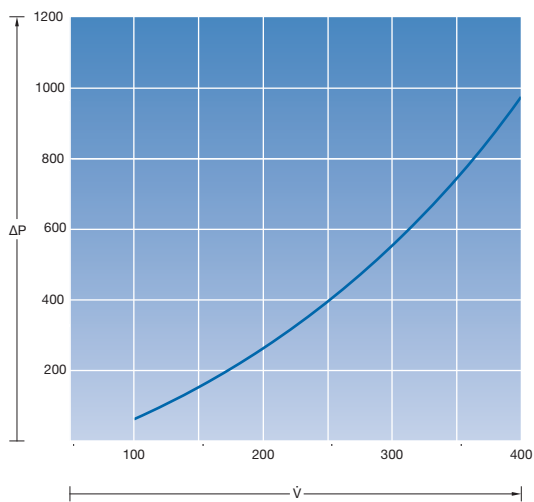
SK 3210.100, .500



T_w = Vandindløbstemperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

Vandmodstandskurve

SK 3210.100, .500



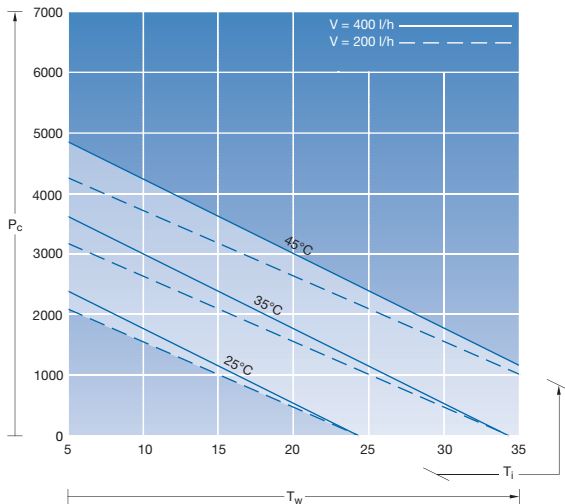
\dot{V} = Volumenstrøm (l/h)
 ΔP = Vandmodstand (mbar)

Luft-/vandvarmevekslere, topmonterede

Effektklasse 3000 W

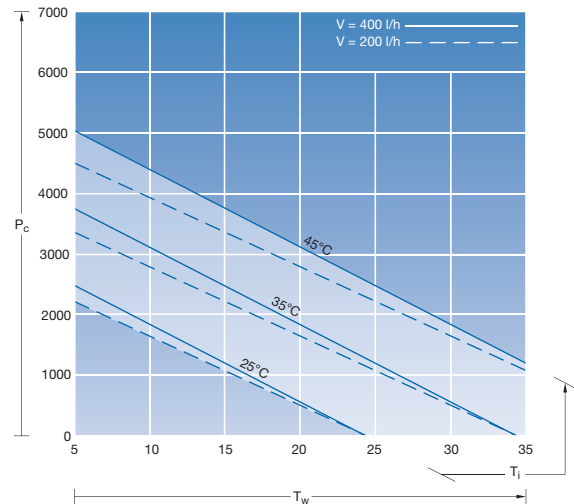
Vandførende dele: Rustfrit stål (1.4571)

50 Hz
SK 3210.504



T_w = Vandindløbstemperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

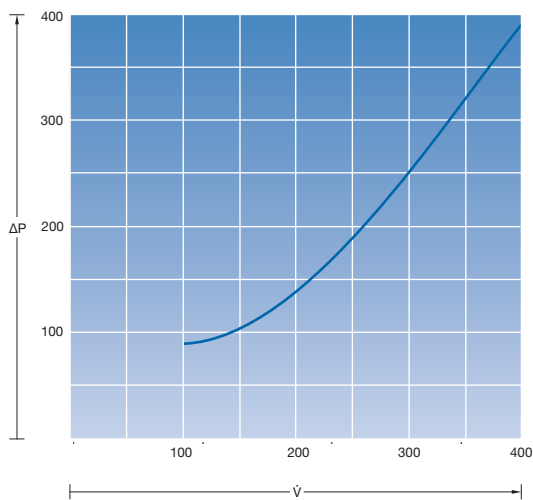
60 Hz
SK 3210.504



T_w = Vandindløbstemperatur (°C)
 P_c = Samlet køleeffekt (W)
 T_i = Intern skabstemperatur (°C)

Vandmodstandskurve

SK 3210.504



\dot{V} = Volumenstrøm (l/h)
 ΔP = Vandmodstand (mbar)

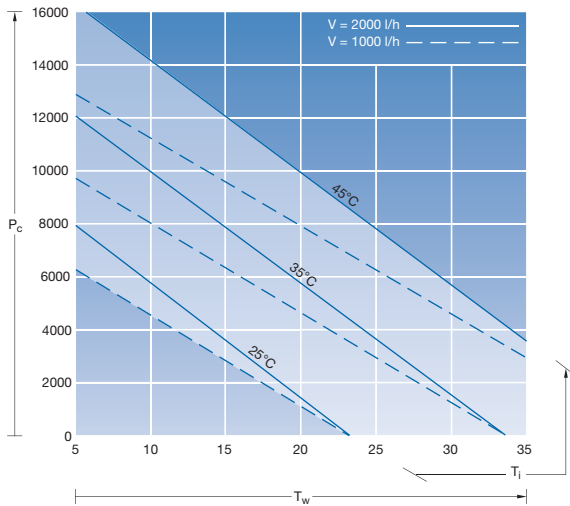
Liquid Cooling Package

Effektklasse 10 kW, LCP rack industri

Vandførende dele: Kobber/messing (Cu/CuZn)

50/60 Hz

SK 3378.100, .180



T_w = Vandindløbstemperatur (°C)

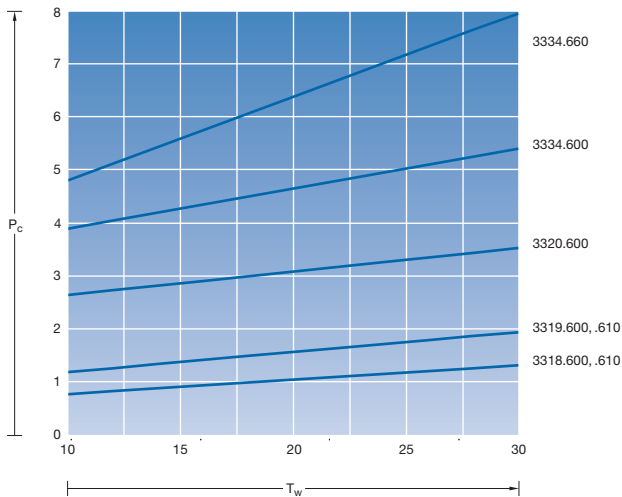
P_c = Samlet køleeffekt (W)

T_i = Intern skabstemperatur (°C)

TopTherm chillere

Effektklasse 1 – 6 kW

50 Hz ved $T_u = 32^\circ\text{C}$ (omgivende temperatur)

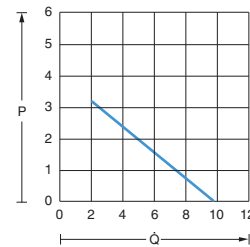


T_w = Vandindløbstemperatur ($^\circ\text{C}$)
 P_c = Samlet køleeffekt (kW)

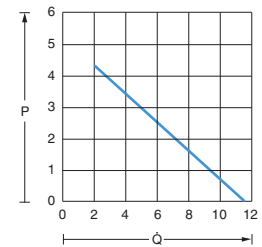
Pumpekurver

SK 3318.600/SK 3318.610/SK 3319.600/SK 3319.610

50 Hz

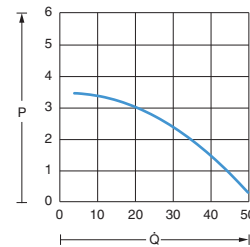


60 Hz

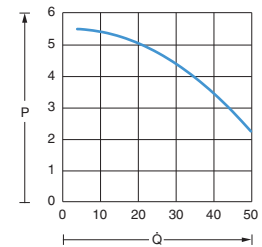


SK 3320.600/SK 3334.600/SK 3334.660

50 Hz



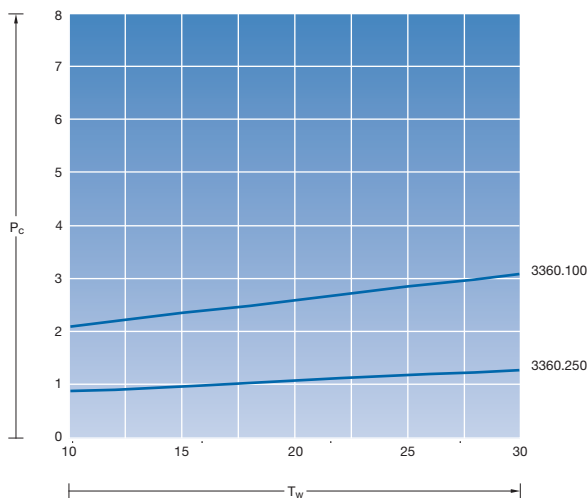
60 Hz



P = Tilførselstryk [bar]
 \dot{Q} = Transportstrøm Q [l/min]

Effektklasse 1 – 2,5 kW, vertikalmonterede

50 Hz ved $T_u = 32^\circ\text{C}$ (omgivende temperatur)

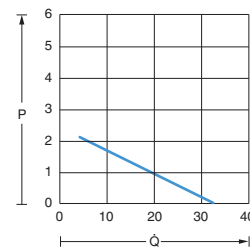


T_w = Vandindløbstemperatur ($^\circ\text{C}$)
 P_c = Samlet køleeffekt (kW)

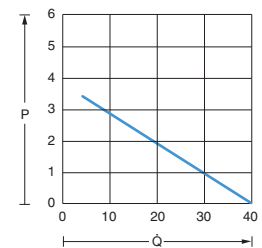
Pumpekurver

SK 3360.100, .250

50 Hz



60 Hz

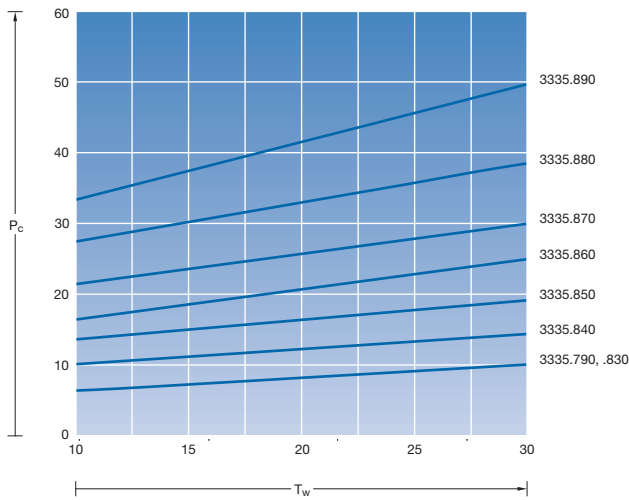


P = Tilførselstryk [bar]
 \dot{Q} = Transportstrøm Q [l/min]

TopTherm chillere

Effektklasse 8 – 40 kW

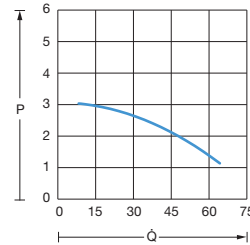
50 Hz ved $T_u = 32^\circ\text{C}$ (omgivende temperatur)



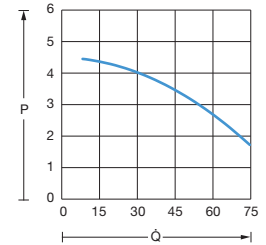
T_w = Vandindløbstemperatur ($^\circ\text{C}$)
 P_c = Samlet køleeffekt (kW)

Pumpekurver SK 3335.850

50 Hz

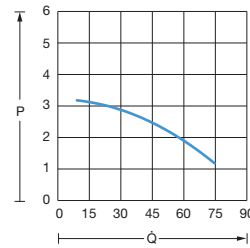


60 Hz

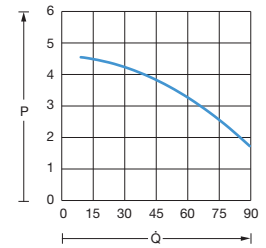


SK 3335.860

50 Hz

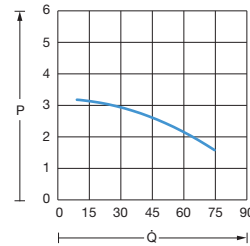


60 Hz

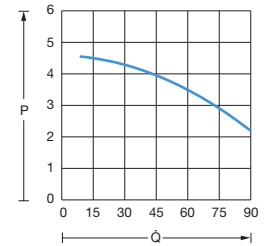


SK 3335.870

50 Hz



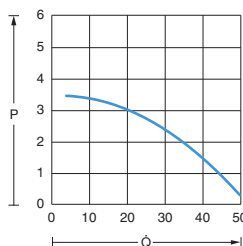
60 Hz



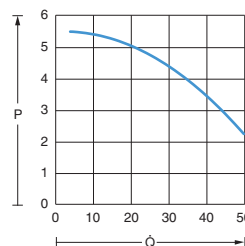
Pumpekurver

SK 3335.790, .830

50 Hz

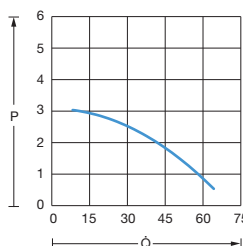


60 Hz

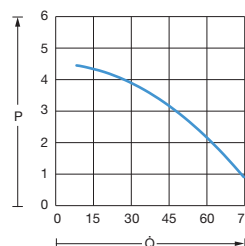


SK 3335.840

50 Hz

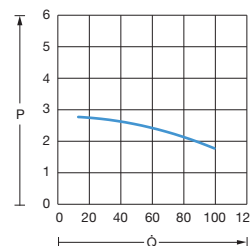


60 Hz

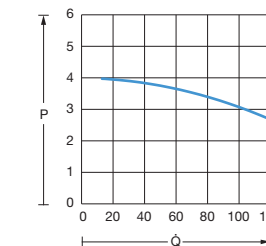


SK 3335.880

50 Hz

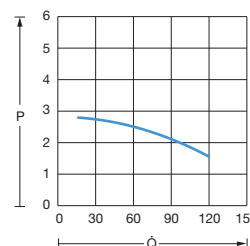


60 Hz

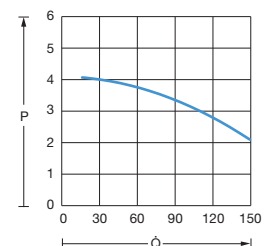


SK 3335.890

50 Hz



60 Hz



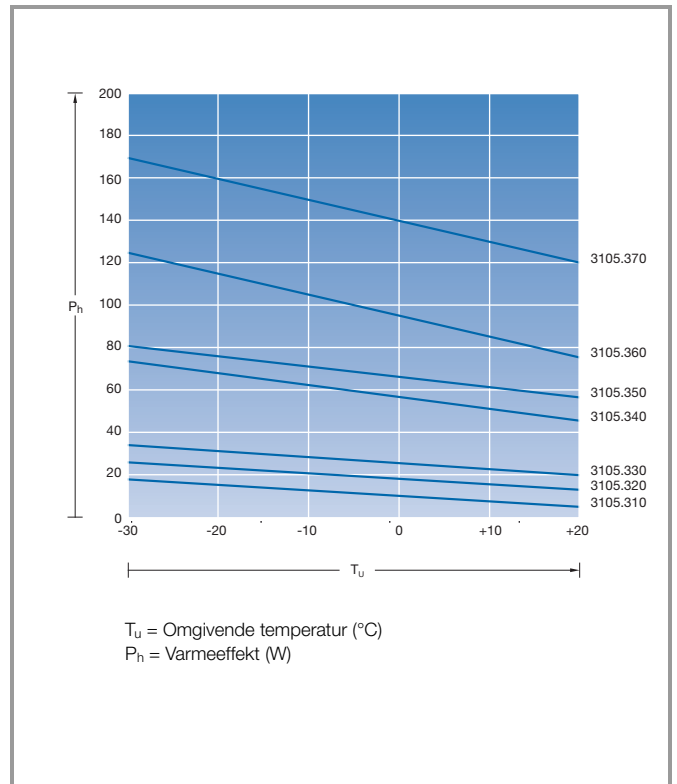
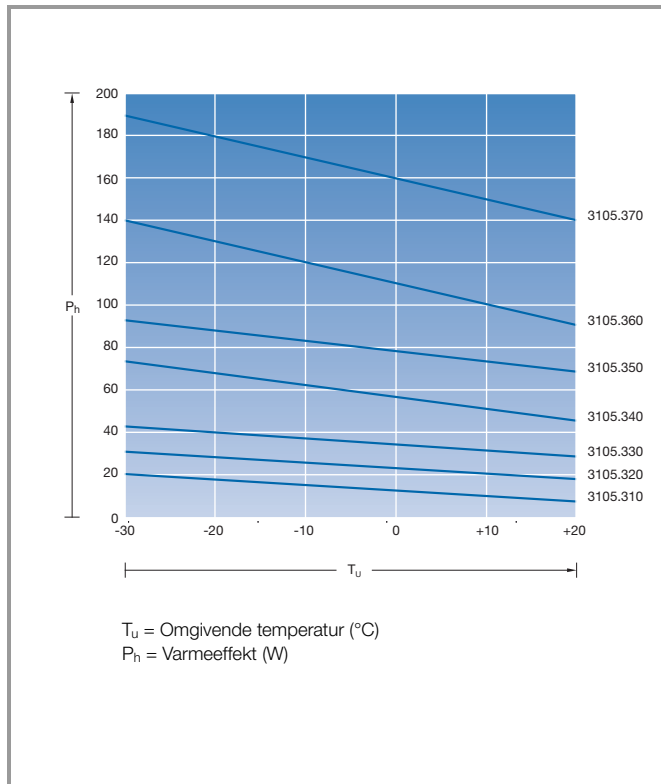
P = Tilførselstryk [bar]
 \dot{Q} = Transportstrøm Q [l/min]

Varmeelementer

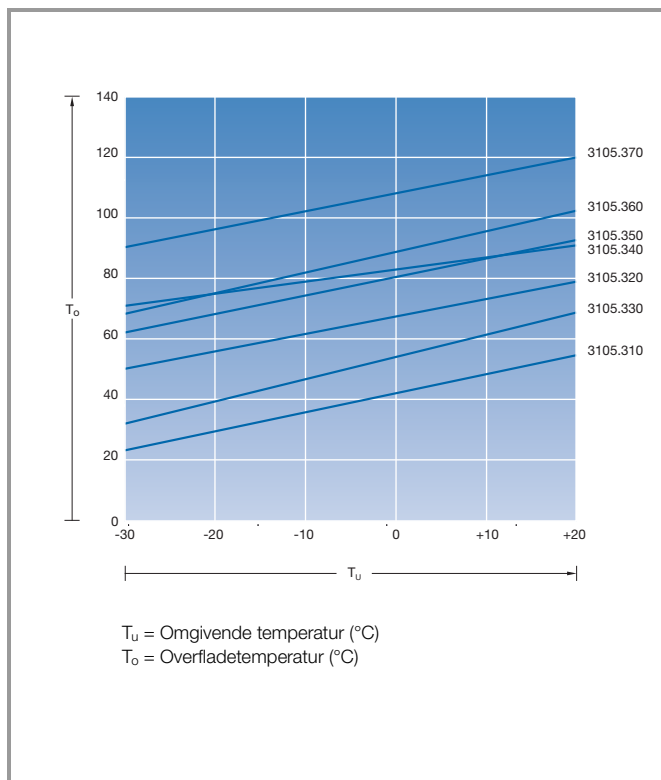
Varmeelementer uden ventilator

230 V

110 V



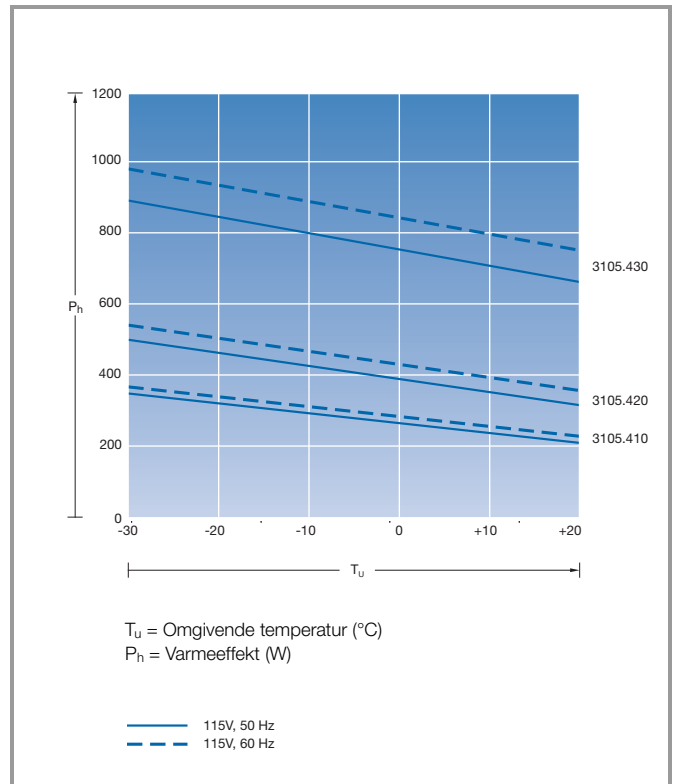
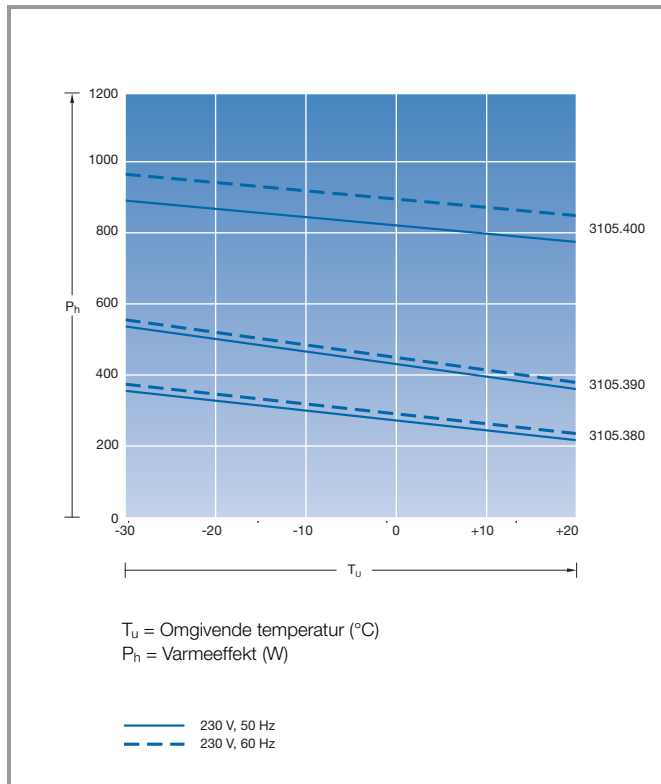
Maksimal overfladetemperatur



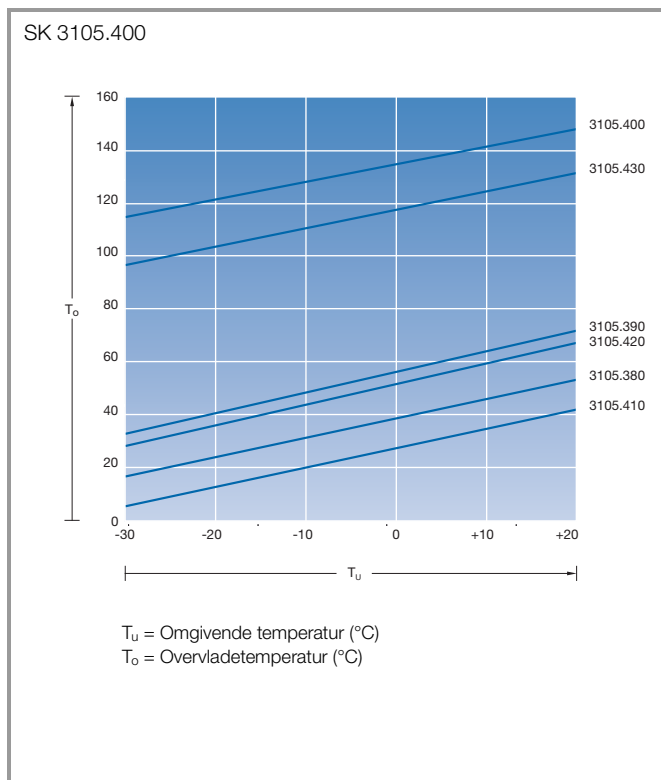
Varmeelementer med ventilator

230 V, 50/60 Hz

115 V, 50/60 Hz



Maksimal overfladetemperatur



Rittal – The System.

Faster – better – everywhere.

- Indkapsling
- Strømfordeling
- Klimateknik
- IT-infrastruktur
- Software & service

Her finder du kontaktinformation på alle Rittal-selskaber verden over.



www.rittal.com/contact

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES



FRIEDHELM LOH GROUP