

# Pfannenbergl Project Book

## DTS 3145

### Cooling Unit 5000 - 7000 Btu/h



- Long internal air path captures heat above components and provides cool air below
- Maintains a UL Tested NEMA Type 12 seal against enclosure
- UL 484 Listed, category ACVS, UL file #SA10300, CE approved for European use
- Standard Controller (SC) with active alarm and door contact input
- Powder coated steel cover for rugged environments, easily painted to match enclosure or machine
- Condenser with 3 mm fin spacing, highly effective protection against strongly contaminated and aggressive ambient air
- 12" Width fits standard 12" NEMA enclosure depth

Data		DTS 3145 (NEMA Type 12)			Unit
Part number	ANSI 61 (Gray)	13383636251	13383639251	13383644251	
	RAL 7035 (Light Gray)	13383636255	13383639255	13383644255	
Rated voltage ± 10 %		400 / 460 3Ø	230	115	VAC
Frequency		50/60	50/60	60	Hz
Cooling performance according to EN 14511		5000 - 7000			Btu/h
Power consumption		1283	1020	1000	W
Nominal (Run) Current @ 35A/35A °C		2.0	4.5	8.5	A
Starting current		16	26	48	
Unimpeded airflow (free flow)	internal	341 (580)	341 (580)	365 (620)	CFM (m <sup>3</sup> /h)
	external	706 (1200)	706 (1200)	765 (1300)	
Fuse (Recommended)** Class CC		10	15	20	A
Type of connection		permanent spring terminal			
Noise level (according to EN ISO 3741)		< 70			dB(A)
Weight (without packaging)		108 (49)			lb (kg)
Ambient temperature range		+ 59 ... + 131 / + 15 ... + 55			°F / °C
Control range (adjustable)		SC	+ 77 ... + 113 / + 25 ... + 45; factory setting + 95 / + 35		
Refrigerant	type	R134a			
	quantity	900			g
Duty cycle		100 %			
Condensate management		active condensate evaporation system with safety overflow			
Protection system according to NEMA type		NEMA 12 against enclosure when properly installed			
		NEMA 1 towards the surroundings when properly installed			
Design	housing	galvanized sheet steel			
	cover	galvanized/electrostatically powder coated (200 °C)			

\*\* SCCR rating - See user manual for instructions to achieve 200 kA (460 V) SCCR rating.

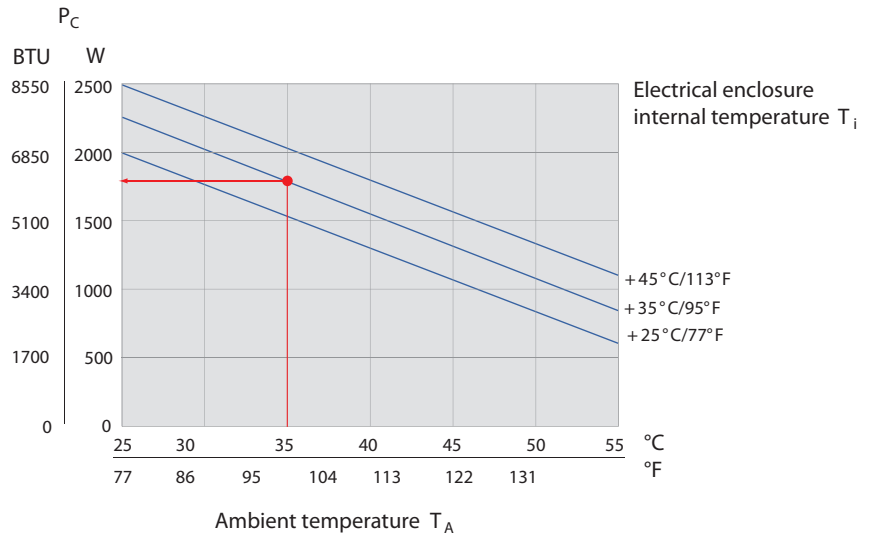
# Pfannenberg Project Book

## Cooling Capacity Performance Curve

DTS 3145

### How to use chart

Example:  
 @ 95° F (ambient, X-axis), @ 95° F  
 (internal, diagonal lines)  
 = 6140 Btu/h cooling capacity (Y-axis)



## Dimensions

DTS 3145

Dimension	inches (mm)
X	12 (304)
Y	36 (914)
Z	12 (304)
A	17 (430)
B	10.4 (264)
C	4.7 (118)
D	.30 (8)
E	8.5 (216)
F	8.5 (216)
G	1.3 (32)
H	.5 (13)
I	3.2 (80)
J	11 (279)
K	9 (228)

Mounting holes  $\varnothing$  10 mm

For exact cutout information reference drilling template at [pfannenbergsusa.com](http://pfannenbergsusa.com)

