



compressed air after coolers

100 to 3500 scfm

The X¹ X-CC Series is a complete after cooler package designed to work on most models of rotary and piston air compressors. The after coolers utilize a rugged bar and plate design to minimize size and to reduce air side fouling.

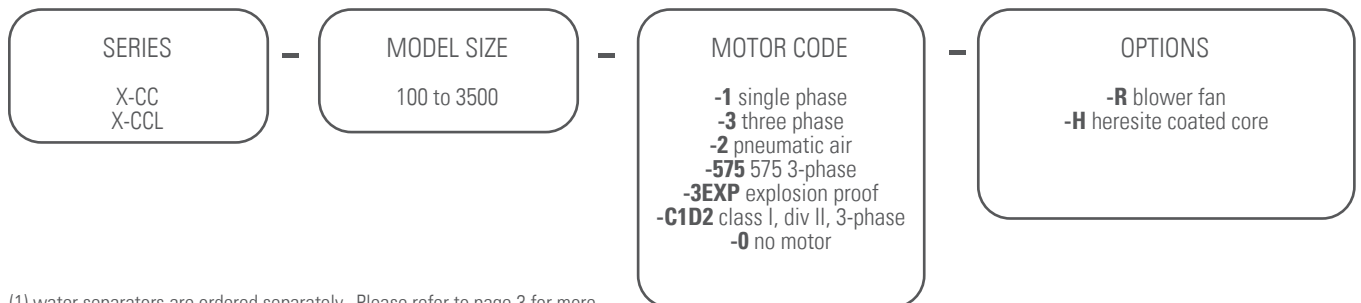
after cooler model	suffix	single phase	3-phase	low noise 3-phase ⁽¹⁾	575 volt 3-phase	class I, div II 3-phase	explosion proof 3-phase	no motor	air
		-1	-3	CCL series	-575	-C1D2	-3EXP	-0	-2
X-CC100									
X-CC200									
X-CC450									
X-CC600									
X-CC1000									
X-CC1600									
X-CC2000									
X-CC2500									
X-CC3500									

(1) for low noise option sizing please consult factory

options

after cooler model	suffix	part no
		water separator
X-CC100		NF0175WS
X-CC200		NF0325WS
X-CC450		NF0700WS
X-CC600		NF0700WS
X-CC1000		NF1250WS
X-CC1600		NF1500WS
X-CC2000		NFE3000WS-ND
X-CC2500		NFE3000WS-ND
X-CC3500		NFE3000WS-ND

product selection



(1) water separators are ordered separately. Please refer to page 3 for more information. drain options as follows: no suffix (internal float drain); suffix -ND (no drain); suffix -NED12 (\$141 list adder for heavy duty external float drain). Consult nano at support@n-psi.com for more information

X1

combination after cooler/oil cooler

5 to 350 hp



The X1 X-AOC Series is a complete after cooler and oil cooler package designed to work on most rotary air compressors. The package includes an after cooler/oil cooler, fan, motor, guards and mounting brackets. Ideal for converting water cooled compressors to air cooled or for remote mounting the cooling package from the compressor.

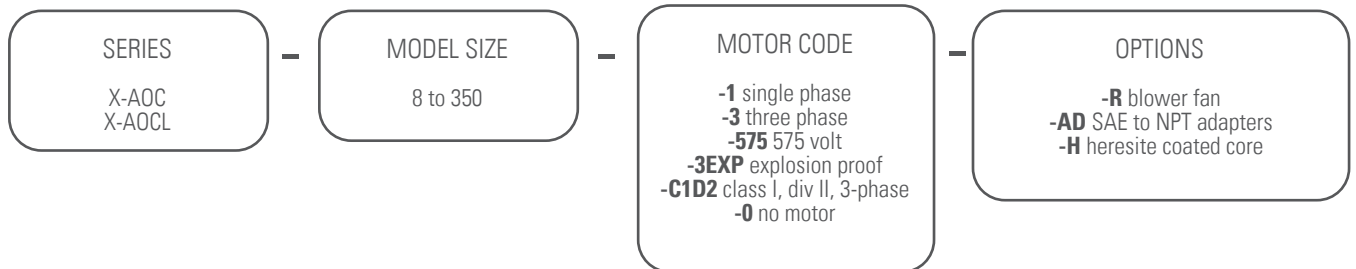
after cooler model	suffix	single phase	3-phase	low noise 3-phase ⁽¹⁾	575 volt 3-phase	class I, div II 3-phase	explosion proof 3-phase	no motor
		-1	-3	AOCL series	-575	-C1D2	-3EXP	-0
X-AOC8								
X-AOC15								
X-AOC30								
X-AOC40								
X-AOC75								
X-AOC125								
X-AOC175								
X-AOC250								
X-AOC350								

(1) for low noise and 2 stage compressor sizing please consult factory

options

after cooler model	suffix	SAE to NPT adaptor	heresite
		-AD	-H
X-AOC8			
X-AOC15			
X-AOC30			
X-AOC40			
X-AOC75			
X-AOC125			
X-AOC175			
X-AOC250			
X-AOC350			

product selection





12/24 VDC power after coolers for portable air compressors

after coolers

The X1 X-DCS line of DC powered air cooled after coolers for portable and truck mounted air compressors. The after coolers are available in 12 and 24 volt DC with a number of customizable options.

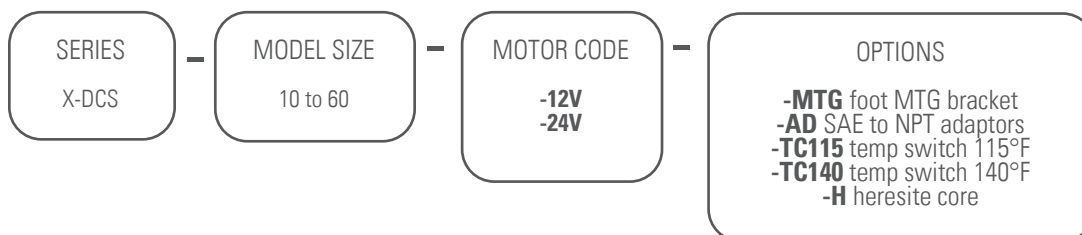
fan types

after cooler model no bypass	12 Volt		24 Volt		after cooler model with bypass	12 Volt		24 Volt	
	suffix	-12V	-24V			-12V	-24V		
X-DCS10					X-DCS10-BP25/65				
X-DCS16					X-DCS16-BP25/65				
X-DCS20					X-DCS20-BP25/65				
X-DCS30					X-DCS30-BP25/65				
X-DCS45					X-DCS45-BP25/65				
X-DCS60					X-DCS60-BP25/65				

options

after cooler model	mtg foot bracket		NPT adaptor		TC115	TC140	heresite core
	suffix	-MTG	-AD		-TC115	-TC140	-H
X-DCS10							
X-DCS16							
X-DCS20							
X-DCS30							
X-DCS45							
X-DCS60							

product selection



X1**belt guard after coolers**

35 to 100 scfm



The X1 belt guard after cooler mounts directly to compressor's belt guard utilizing the compressor pulley's air flow for cooling. Compact aluminum bar and plate design provides maximum performance with low pressure drop.

motor types

after cooler model	inlet/outlet (NPT)	max scfm @ 100 psig	approach temp
X-C-1835G	1"	35	5°F for 18 scfm 15°F for 35 scfm
X-C-3560G	1"	60	10°F for 35 scfm 25°F for 60 scfm
X-C-70100BG	1"	100	13°F for 70 scfm 25°F for 100 scfm

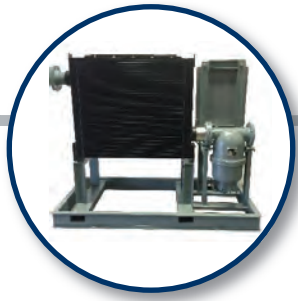
(1) maximum pressure is 250 psig

(2) maximum operating temperature is 400°F

(3) material: aluminum

(4) sizing is based upon: 250°F inlet air; 100 psig inlet pressure, 100°F ambient and 500 fpm air velocity

(5) maximum pressure drop is 3 psid or less



A packaged solution to reduce inlet air temperature to dryers to improve compressed air dryer performance.

after cooler model	scfm rating 5°F approach	power	inlet/outlet connections	included as standard					
	scfm		NPT	after cooler model	cyclonic water separator	drain valve	full load amps	motor hp	
X-TCP-200	68	3-phase	1 1/2"	CC200-3	NF 0325 WS-ND	NMD 12	.6	0.5	
X-TCP-450	196	3-phase	2"	CC450-3	NF 0700 WS-ND	NMD 12	2	0.5	
X-TCP-600	300	3-phase	2"	CC600-3	NF 0700 WS-ND	NMD 12	3.8	1	
X-TCP-1000	575	3-phase	2 1/2"	CC1000-3	NF 1250 WS-ND	NMD 12	6.2	2	
X-TCP-1600	960	3-phase	3"	CC1600-3	NF 1500 WS-ND	NMD 12	13.2	5	
X-TCP-2000	1115	3-phase	4"	CC2000-3	NFE 3000 WS-ND	MMD 12	19.6	7.5	
X-TCP-2500	1550	3-phase	4"	CC2500-3	NFE 3000 WS-ND	NMD 12	19.6	7.5	
X-TCP-3500	2180	3-phase	4"	CC3500-3	NFE 3000 WS-ND	NMD 12	26	10	

options

after cooler model	low ambient package	moisture separator with heat tracing	all pneumatic with air motor fan
	suffix	-LA	-HT
X-TCP-200			
X-TCP-450			
X-TCP-600			
X-TCP-1000			
X-TCP-1600			
X-TCP-2000			
X-TCP-2500			
X-TCP-3500			

product selection

SERIES X-TCP	MODEL SIZE 200 to 3500	OPTIONS -LA low ambient package -HT moisture separator with heat tracing -2 all pneumatic with air motor fan
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standard product scope

- design working pressure: 232 psi
- design working temperature: 250°F
- cooler material: aluminum
- shroud: powder coated steel
- air cooled after cooler
- electric motor
- high efficiency moisture separator
- heavy duty external drain valve
- temperature gauge on the discharge
- motor starter
- control transformer
- disconnect switch
- power ON light
- ON/OFF switch
- NEMA 4X enclosure
- assembled & mounted on rigid structural steel frame

all pneumatic product scope air includes:

- design working pressure: 232 psi
- design working temperature: 250°F
- cooler material: aluminum
- shroud: powder coated steel
- fan guard: zinc plated steel
- air cooled after cooler
- air motor
- high efficiency moisture separator
- float drain
- temperature gauge on the discharge
- regulator for speed control
- 0.01 micron coalescing filter with auto drain
- air motor lubricator
- assembled & mounted on rigid structural steel frame